

Release Notes

UFED Physical Analyzer, UFED Logical Analyzer & Cellebrite Reader v 7.9

August 2018

- ◆ Now supporting: 25,818 device profiles
- ◆ App versions: 6,787

Visually document and share your digital investigative process

Produce powerful visual reports to effectively share findings with peers, present to juries in a way that is quickly understood, and can help advance the case.

Using the new Screen Capture and Video Recording capability in UFED Physical Analyzer, UFED Logical Analyzer and Cellebrite Reader, you can easily take images or videos from the extraction to:

- Quickly and clearly document, and explain your digital investigative processes
- Build compelling reports with visual aids that are easy to present to peers and juries and can be used to interrogate suspects more effectively
- Share and communicate critical evidence using visuals with other personnel more efficiently
- Accelerate technical troubleshooting and issue resolution



New Update for the wireless network/BSSID offline database

Download it from MyCellebrite to convert more locations data

HIGHLIGHTS

Functionality

- Visually document and share your digital investigative process
- Enhanced common/known images filter.

App support

- Additional deleted WhatsApp messages for both iOS and Android – we can recover deleted messages from two additional databases: ChatSearchV3 database (for iOS) and msgstore.db (for Android).
- Now supported for iOS devices, Life360 (Find My Family, Friends, Phone) – we can recover User Account, contacts, single/group chats and locations from the world's leading real-time, location-sharing app, with more than 10 million downloads.
- 147 updated application versions for iOS and Android devices.

FUNCTIONALITY

Visually document and share your digital investigative process

UFED Physical Analyzer 7.9 now enables you to produce powerful visual reports to more effectively interrogate suspects, share findings with peers and present to juries in a way that is quickly understood and can help advance the case.

It also recommended to use this tool when contacting Cellebrite's Technical support – in order for us to help you more efficiently, easily share a visual screen, with our support team.

Using this tool, you can capture critical evidence by:

- Taking screenshots of chat conversations, locations on the map, extraction summaries and more.
- Take video recordings, including audio of your examination results and process in the different examination tools such as Timeline, Chat messages and SQLite Wizard.

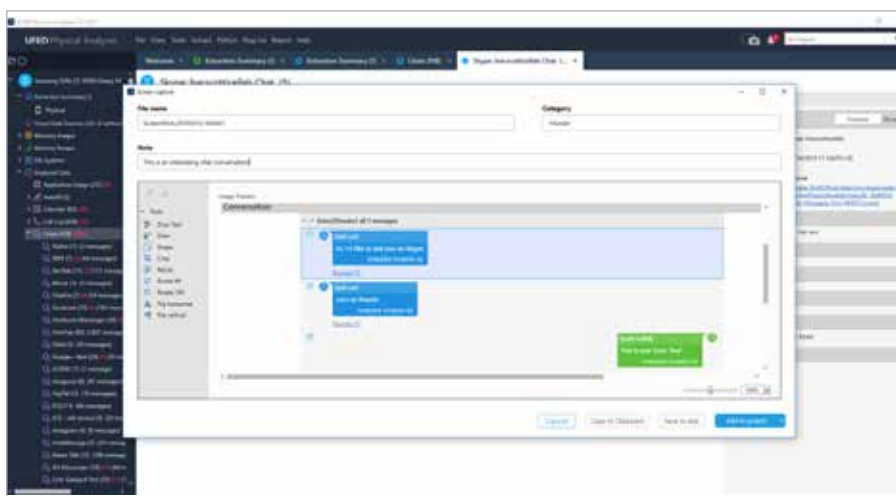
For each screenshot or video recording you can the select area, enter the category, add notes, and save to a project or to your computer, and select if you wish to include it in the report.

Here is how you can easily use this new feature:

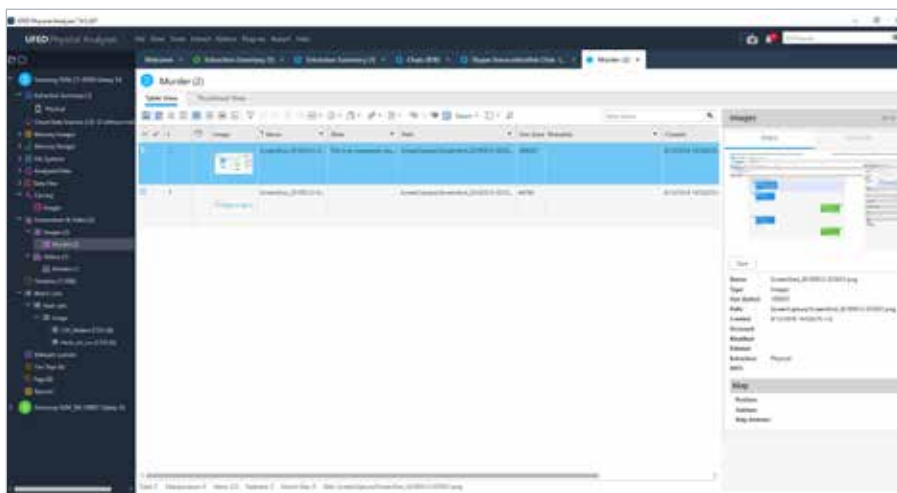
1. Open the screen capture control. Select either screenshot/video, and click on the camera/video icon



2. Mark the area and take a screen capture (or a live video recording). In the preview window, select name, category and notes.



3. You can save to a specific project or to your computer. These visuals will be added to the project tree.



The screenshots and video recordings can be included in all report formats including UFDR. Cellebrite Reader can present these valuable visuals and you can share them with additional personnel.

Note: This new capability is only available with an activated version of Cellebrite Reader and requires a one-time installation (with the proper admin permissions).

Enhanced common/known images filter

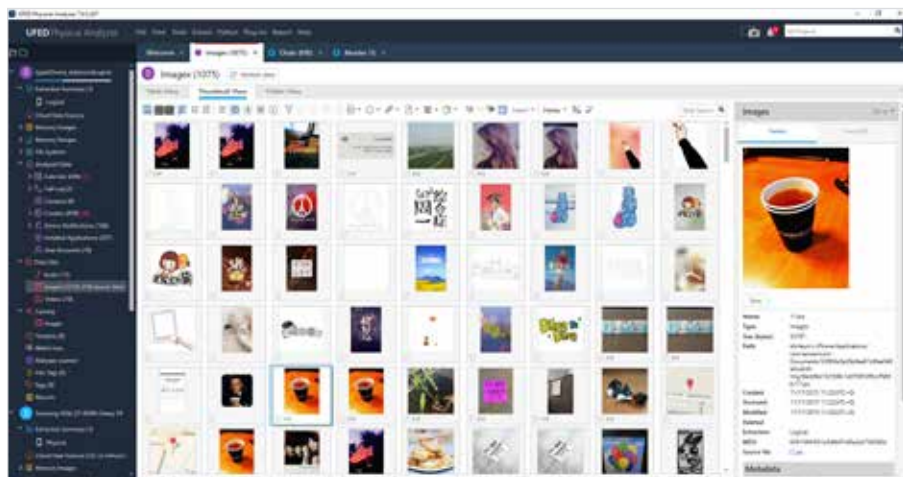
UFED Physical Analyzer automatically filters out common/known images to save you time while reviewing substantial number of images. In this version, we have updated the known database to include several common media images (i.e.device files or images that come as part of app installation) allowing you to focus on images that are relevant to the case and save precious time.

Infrastructure update

Cellebrite is constantly investing in improving the infrastructure and stability of our products to boost productivity and efficiency. In this release, we have completed the first phase of improvements, but you may notice the following changes:

- **Global search** – when performing a search on more than one project, results will be shown in a tab per project/device.
- **Refresh while loading data** – new events are added to the end of a table. Now, during decoding, new records will only be added to the table once you select the “Refresh data” button.

Note: Both UFED Physical Analyzer and Cellebrite Reader require a computer running a newer version of Microsoft .NET Framework (version 4.5.2).



Solved Issues:

- A decoding issue has been resolved - when opening a physical dump extracted using Smart ADB method, while the device is not encrypted.
- When exporting emails to EML format, the creation time of emails is now presented correctly.

Known Issues:

- Project tree – by clicking the “Expand all” button, all items will open except for the File system node.
- Activity Analytics is no longer available within UFED Physical Analyzer/Logical Analyzer and Cellebrite Reader.
- Timeline graphic view is no longer available within UFED Physical Analyzer/Logical Analyzer and Cellebrite Reader.

New Apps or iOS

Application	Type	Decoding Feature
 Life360 <small>The new family OS™</small>	Social	User account, contacts, single/group chats and locations

iOS: New and updated apps

1 new app	
73 updated apps	
Aliwangwang	4.6.6
Any.DO	4.20
ASKfm	4.19.2
Booking.com	17.1.1
Chrome	67.0.3396.87
Ctrip (Chinese)	7.13.2
DJI GO	3.1.42
DJI GO 4	4.2.22
Dropbox	102.2
Facebook	178.0
Facebook Messenger	172.0
Fitbit	2.52
Flipboard	4.2.12
Foursquare	11.8
Garmin Connect	4.8
Glide	6.3.7
Gmail	5.0.180603
Google App	52.2
Google Docs	1.2018.24202
Google Drive	4.2018.24203
Google Duo	36.0
Google Maps	4.53
Google+	6.37.0
Grindr	3.30.0
GroupMe	5.21.0
Hot or Not	5.67.1
Hushed	4.4.1
Inbox	1.3.180603
Instagram	51.0
InstaMessage	2.8.9
Kakao Story	5.1.0
KakaoTalk	7.2.3

Continued	
Keeper	12.0.1
KeepSafe	8.12.0
Kik Messenger	14.0.0
Life 360	16.5.1
LINE	8.8.0
LinkedIn	9.1.87
Mail.Ru	9.6.1
MeetMe	12.12.0
MobileVOIP Cheap Calls	2.0.2
Momo	8.8.2
Musical.ly	7.5.1
Navitel Navigator	9.9.459
Nike+ Run Club	5.16.2
OkCupid	10.19.1
One Drive	10.21
Pinterest	6.59
QQ Browser	8.5.1
Runtastic	8.6.1
SayHi	7.0.4
Skout	5.7.1
Skype	8.24
Snapchat	10.35.1.1
Swarm	5.8.1
Taxify	Cl.3.44
Telegram Messenger	4.8.3
Text Free Ultra Texting	11.19
Text Now	8.29.0
textPlus	7.3.0
Threema	3.0.9
TigerText	7.7
Tinder	9.3.0
Twitter	7.26.1
Uber	3.305.10004
Viber	9.1.0
Vkontakte	4.5.1

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Voxer	3.21.24
Waze	4.40
WeChat	6.7.0
Weibo	8.6.3
WhatsApp	2.18.70
Whisper	8.10.1
Yandex Browser	18.6.2.54

Android: New and updated apps

74 updated apps	
Any.DO	4.9.6.4
AppLock	2.6.8
ASKfm	4.19.1
BBM	3.3.15.225
Booking.com	15.4.6
Chrome	67.0.3396.87
CM Security Browser	5.22.17.0011
DJI GO	3.1.42
DJI GO 4	4.2.20
Dropbox	100.2.2
Expedia	18.26.0
Facebook	178.0.0.57.86
Facebook Messenger	172.0.0.34.830
Firefox	61.0
Fitbit	2.73
Flipboard	4.1.23
Gmail	8.6.3.200445973.release
Go SMS Pro	7.69
Google Calendar	5.8.38-200532405-release
Google Docs	1.18.232.02.45
Google Drive	2.18.252.01.45

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Google Duo	34.5.200456356.DR34.3_RC12
Google Maps	9.80.2
Google Photos	3.23.1.202220783
Google Translate	5.21.0.RC04.202358723
Google+	10.9.0.201565063
Grindr	3.28.1
GroupMe	5.24.5
Hot or Not	5.70.0
Instagram	51.0.0.20.85
Kakao Story	5.1.0
KeepSafe	9.11.2
Kik Messenger	14.0.0.11130
LINE	8.9.1
LinkedIn	4.1.191
LOCX Applock	2.3.1.057
Mail.Ru	7.1.0.24685
Mappy	6.1826.16126
My Tracks	3.8.2
OkCupid	11.6.0
One Drive	5.12
Opera Mini	35.1.2254.128344
Outlook.com	2.2.181
Pokemon GO	0.107.1
Private Zone – AppLock	4.8.5
QQ Browser	8.5.1.4225
Runtastic	8.6.2
Scruff	5.5035
Skout	5.7.1
Skype	8.24.0.2
Snapchat	10.35.5.0
Swarm	5.8
Sygic	17.4.8
Telegram Messenger	4.8.10
Text Me Up	3.12.9
Text Now	5.61.0

Continued	
textPlus	7.3.0
Tinder	9.2.0
Tumblr	11.1.0.00
Twitter	7.51.0
Uber	4.216.10003
UC Browser	12.8.0.1120
Verizon Messages	6.6.6
Viber	9.1.1.1
Voxer	3.18.17.21012
Waze	4.40.0.4
WeChat	6.6.7
Weibo	8.6.3
WhatsApp	2.18.191
Whisper	9.16.2
Yahoo Search	5.0.3
Yandex Browser	18.4.1.529
Yandex Mail	4.3.0
Zalo	18.06.01

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.

Application	MD5	SHA-256 (Recommended)
UFED Physical Analyzer	7e2facdd1b23c89c40935ce5b24b1af2	58633421a4013d340e7b9beb1296a468fef0f6c04e2a68caad155121ca996bc8
UFED Logical Analyzer	8c1304cb10f3f1edd285bd6c7e1a4d66	d106dd070917e3be303033196602eda3616dede91e1a9ce6b1518f24ed9b3f0d
Cellebrite Reader	1b9372f25e188a3f4c9958572b1bb1d9	b976ff9c965111eb37e0e82c285f49d99abbe6c6154668824392b3bfee02e75b