Release Notes

UFED Physical Analyzer, UFED Logical Analyzer and Cellebrite Reader v7.23

September 2019

App versions: 9,548

App support

- Decoding support for Secret Chat in Telegram on iOS devices and recovery of more deleted data
- 113 updated application versions for iOS and Android devices

UFED Physical Analyzer connected to the Central Management System (CMS)

Agencies that have several UFED Physical Analyzer units, dispersed across single or multiple locations, can now easily and conveniently oversee and manage the distribution of software licenses and updates using the Cellebrite Central Management System (CMS).

The CMS is an ideal solution for organizations that want to govern internal processes and centralize the management of software updates across all deployed systems, leveraging usage and man power. The CMS can be used to gather insights and usage data to help optimize planning.

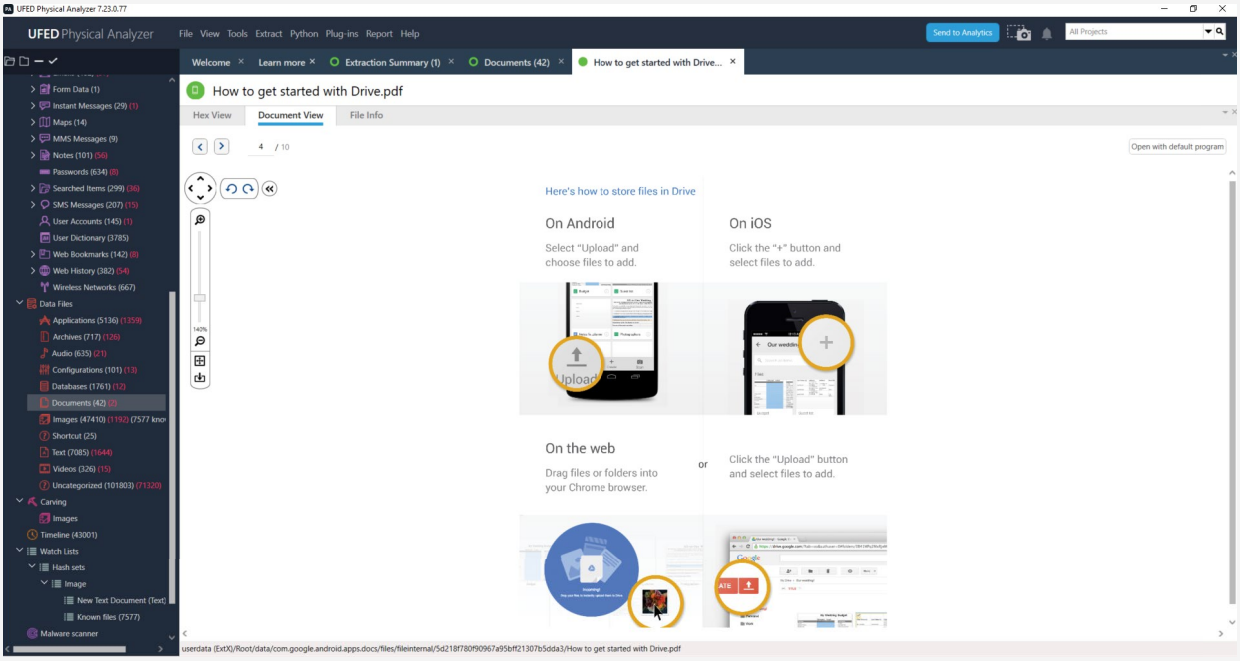
UFED Physical Analyzer 7.23 together with CMS 7.13 provides agencies with:

- One-click connectivity between CMS ←→ UFED Physical Analyzer
- 24/7 remote assistance from a CMS admin
- Software upgrade management capabilities
- Central license management capability
- Reporting on iOS extractions
- Live status of UFED Physical Analyzer units (Connected/disconnected, Updated/not updated)

Note: If you are an existing CMS user, you can now add UFED Physical Analyzer into your CMS at no additional charge.

Examine document attachments within UFED Physical Analyzer

Previously, all PDF and office file attachments (Microsoft Word, Excel and PowerPoint) extracted from a device, were only viewable when opening the native application. To help optimize the review process, we have implemented a mechanism that enables document preview as a JPG file inside UFED Physical Analyzer.



Examine Download History

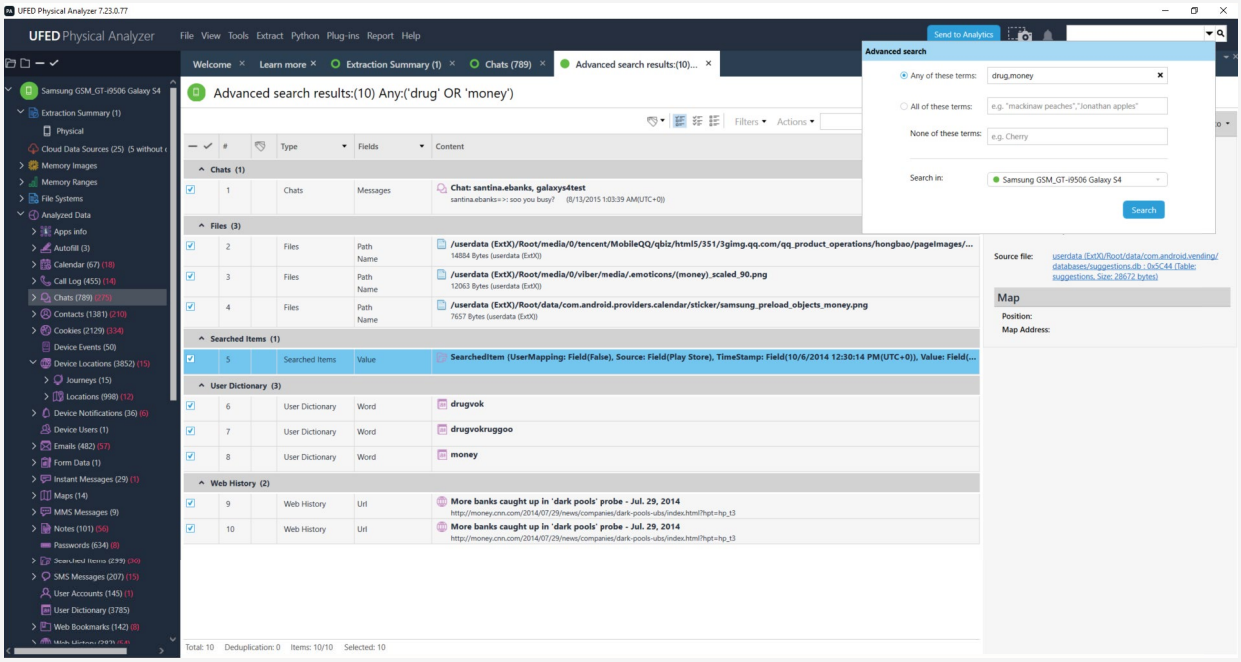
UFED Physical Analyzer 7.23 now supports the decoding of Download History from common web browsers such as Chrome, Safari and Mozilla Firefox on iOS and Android devices. A new model has been added under <Analyzed Data> called Downloads. There you will find all files from the Download History.

Advanced Search capability

Using the new Advanced Search capability, narrow the scope of queries by applying filters and specifying additional requirements for a search. This new functionality enables:

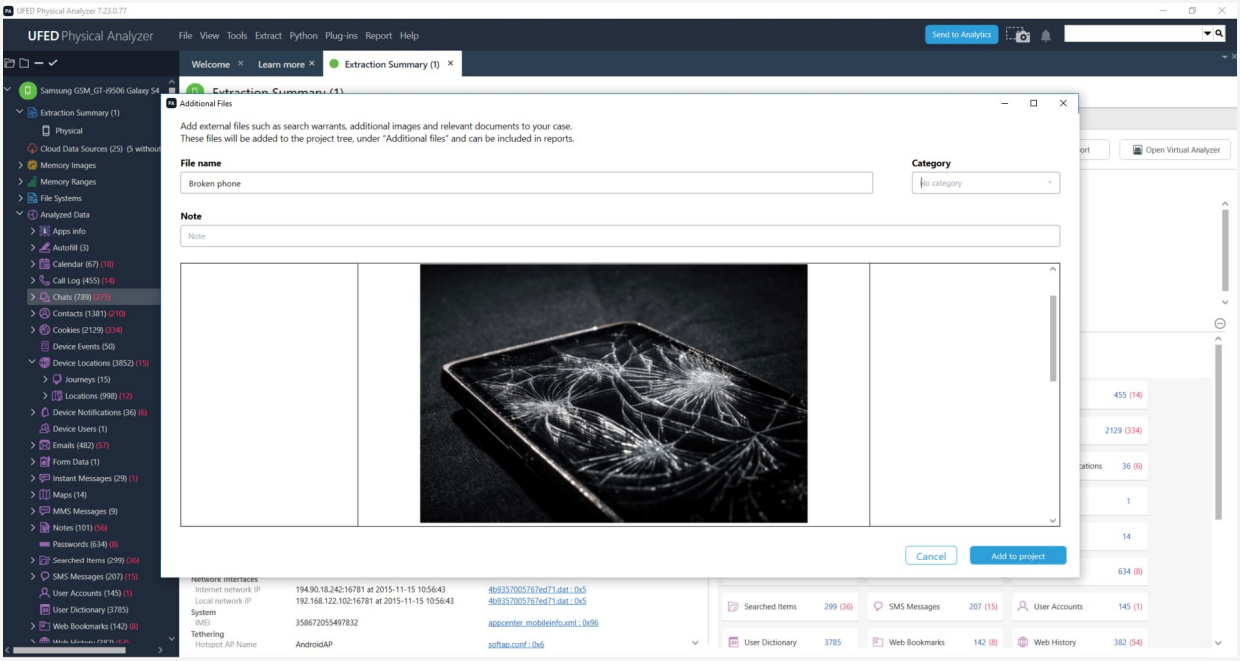
- Multiple keywords search
- And, OR and Exclude

To start using the Advanced Search, click on the down arrow (near the global search field). Search results are presented in a separate tab, where you can view results, tag and mark items to include in your report.



Import external files and incorporate them into your reports

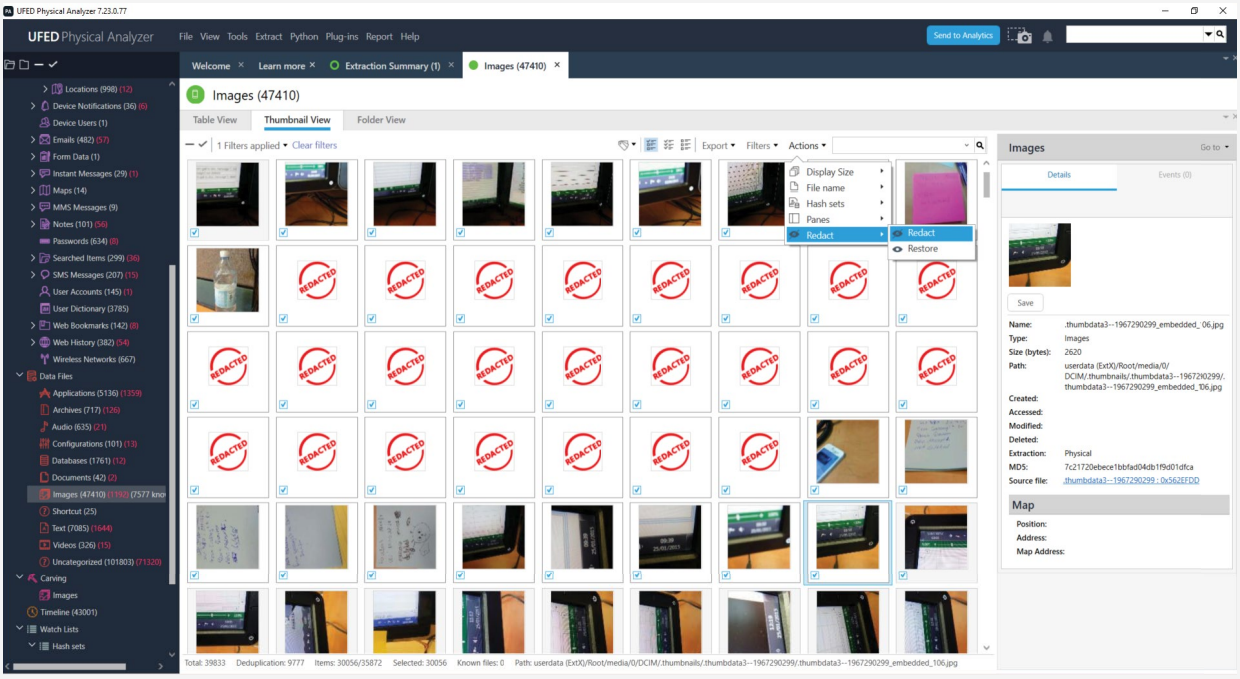
In many cases, there is a need to add case related artifacts to the forensics report. Now you can include such files and reference them in your report. You can also add external files such as search warrants, additional images and relevant documents to your case. These files will be added to the project tree, under "Additional files" and can be incorporated into your reports for further review.



Redacting inappropriate data on demand

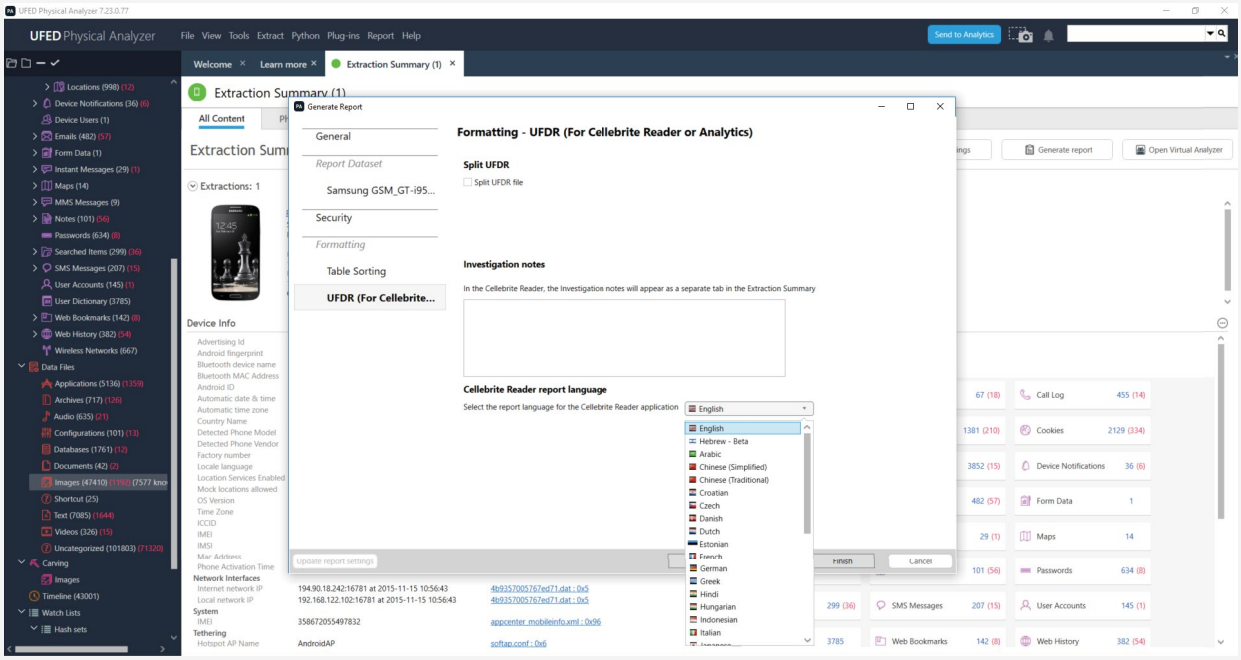
We recognize that in cases of a sensitive nature, such as child exploitation cases, certain content may need to be censored for legal or security purposes prior to review. To support this, we have added a capability that enables users to manually redact inappropriate images and video files, including attachments. This can be activated in the Actions menu or using an assigned hot key for this action: CtrL + F8.

If a redaction has been done, a redacted thumbnail will appear. When generating a report, those files will be marked as redacted. You can also redact all attachments from your report in a single action when generating the report.



Set a destination language for opening UFDR reports in Cellebrite Reader

Sharing a UFDR report with investigators and other colleagues to continue the case investigation is a common practice. In some cases, UFDR reports are shared with colleagues that need to review it in a different language. With the latest version of Cellebrite Reader, it is now possible to set the default interface language when opening a UFDR report. This allows the Cellebrite Reader to load in the predetermined language without the need to configure this in the settings screen.



Solved Issues – UFED Physical Analyzer

- Whatsapp messages are no longer parsed as empty system messages for iOS devices
- Save session no longer fail in Cellebrite Reader when the loaded report included source information of a merged project
- You can now install offline maps without it failing
- The password for the encrypted Notes app for iOS devices is now presented under the passwords model
- An error no longer occurs while validating the hashes of a bin file opened using Open Advanced
- There is no longer a decoding issue for the Kakao Talk app for Android devices (message body is now readable)
- The decoding issues on the Google Maps app for Android devices has been resolved (several missing positions and incorrect time stamps (1970) have been fixed)

Known Issues – UFED Physical Analyzer

- Failure to perform extraction for iOS devices running the latest beta version of iOS 13
- Loading old pas files may result in failure to load user account and password events

iOS: New App versions

47 updated apps	
ASKfm	4.42
Booking.com	19.9
Confide	8.3.6
Ctrip	7.0.2
Dropbox	150.2
Facebook	229.0
Facebook Messenger	224.0
Fitbit	3.0
Flipboard	4.2.43
Glide	6.3.12
Gmail	6.0.190602
Google Docs	1.2019.26205
Google Drive	4.2019.26207
Grindr	5.12.1
ICQ	7.9
Instagram	102.0
InstaMessage	3.2.6
Kakao Story	5.10.2
KakaoTalk	8.4.8
Keeper	14.4.3
Mail.Ru	10.0
MeetMe	14.0.1
Momo	8.18.10
Odnoklassniki	8.7.1
OkCupid	31.1.0
Pinterest	7.23
Runtastic	9.6
Scruff	6.0009
Skype	8.49
Snapchat	10.61.11
Taxify	CI.3.94
Telegram Messenger	5.9.1
textPlus	7.5.7
TikTok	12.1.0
Tinder	10.16.0
Truecaller	10.15

Twitter	7.54.6
Viber	11.1
Vkontakte	5.19.2
Waze	4.52.5
WeChat	7.0.5
Weibo	9.7.1
WhatsApp	2.19.71
WhatsApp_Business	2.19.71
Whisper	8.13.6
Yandex Browser	19.7.1.42
Zello	4.63

Android: New and updated apps

66 updated apps	
ASKfm	4.45.1
Booking.com	18.3
Chrome	75.0.3770.143
Dropbox	150.2.4
Evernote	8.11
Facebook	230.0.0.36.117
Facebook Messenger	224.1.0.18.117
Firefox	67.0.3
Fitbit	3.0
Flipboard	4.2.17
Gmail	2019.06.09.254811277.release
Google Docs	1.19.252.04.45
Google Drive	2.19.252.05.45
Google Maps	10.20.1
Google Photos	4.19.0.254093387
Google Tasks	3.0.3
Grindr	5.13.0
Hot or Not	5.125.1
ICQ	7.5.2(823611)
imo	2019.1.51
Instagram	102.0.0.20.117
Kakao Story	5.10.2
KakaoTalk	8.4.7
Keeper	14.3.4.4
KeepSafe	9.38.1

LINE	9.11.0
LinkedIn	4.1.329
Mail.Ru	10.0.0.27248
MeetMe	14.0.4.2030
Momo	8.18.10_c2
Odnoklassniki	19.7.9
Opera Mobile	52.4.2517.140781
Puffin Web Browser	7.8.2.40664
Remember The Milk	4.4.17
Runtastic	9.6.1
SayHi	7.38
Scruff	6.0010
Skout	6.9.1
Skype	8.49.0.49
Snapchat	10.61.0.0
Swarm	6.3.2
Sygic	18.1.4
Tango	6.8.235641
Telegram Messenger	5.9.0
Text Me Up	3.18.3
Text Now	6.34.0.3
textPlus	7.5.4
TikTok	12.1.5
Tinder	10.18.0
Truecaller	10.38.7
Tumblr	13.7.0.01
Twitter	8.4.0-release.73
Uber	4.270.10004
UC Browser	12.12.5.1189
Vaulty	4.18.7 release r12300
Viber	11.0.1.0
VIPole	2.0.84
Vkontakte	5.39
Waze	4.52.5.5
WeChat	7.0.5
Weibo	9.7.1
WhatsApp	2.19.188
WhatsApp_Business	2.19.63

Whisper	9.31.0
Yandex Browser	19.6.2.338
Zalo	19.07.01

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	SHA256
UFED Physical Analyzer	52bb12ea9a739b18f1491733d5c85080	84f585dc1ba7f818482490011a573507ee8559ff4541bbc383ca1da84662e5e9
UFED Logical Analyzer	66323ca246ffbc63ca7406128aeeb2fc	4efb3adc93786130df2c1ef8b282ef54f1b7b60a31633b1179697da6ad6a3407
Cellebrite Reader	2b5228e34e261d45e00dd3de6cba33e9	e0da5fbd6d891f20dc0927215c6a76d4e7d593976c6fb17d3e53b264268051e3