

# UFED Ultimate and UFED InField v7.24

October 2019

App versions: 9,669

## App support

- **Telegram Messenger for iOS devices** – New enhancement allowing you to decode live locations data.
- **Instagram for iOS devices** – New enhancements available allowing you to decode additional data such as user account, contacts and chat messages (only direct messages).
  - *Note: available for Instagram version 111.0 and above when performing full File System extraction.*
- **121 updated applications** – support for 121 new app versions for iOS and Android devices.

## New translation offering: Cellebrite Smart Translator

In partnership with SDL, the global leader in the space of neural machine translation, we are excited to offer our customers a new add-on module to UFED Physical Analyzer that helps minimize the language barriers when examining content. This module comes at an additional charge and requires a separate license on top of your UFED Ultimate license.

Cellebrite Smart Translator add-on module expedites your time to evidence, and eliminates the dependency on external translators, by providing access to on-demand translation for more than 40 popular languages, available across 120 convenient language pairs.

Cellebrite Smart Translator, is an offline solution, that is tightly integrated into your examination workflow, ensuring that the content is safe guarded and that the original text is available alongside the translation, for further review by your peers and to embed into your reports.

If you are a current user of the Premium Translation package, you are required to upgrade your language service to the new **Cellebrite Smart Translator**, at no-additional cost. The new language packages support neural machine translation with significant enhancements to the translation quality and speed. You can download and install the new language packages from MyCellebrite. To test this capability, please visit our [website](#).

## Available languages:

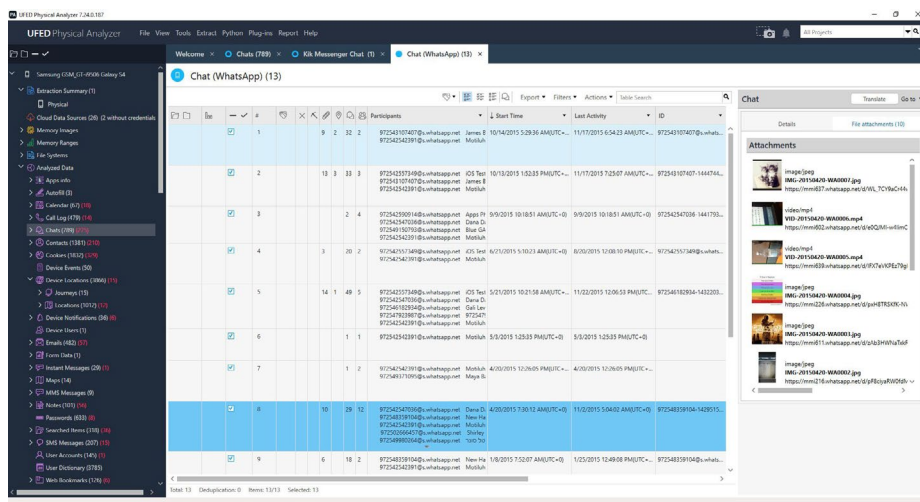
To and From English				
Albanian	Danish	Hebrew	Maltese	Slovenian
Arabic*	Dari	Hindi	Norwegian	Somali
Armenian	Dutch	Hungarian	Pashto	Spanish
Bengali	Estonian	Indonesian	Persian (Farsi)	Swahili
Bulgarian	Finnish	Italian	Polish	Swedish
Catalan	French	Japanese	Portuguese	Thai
Chinese (Simplified)	Georgian	Korean	Romanian	Turkish
Chinese (Traditional)	German	Latvian	Russian	Ukrainian
Croatian	Greek	Lithuanian	Serbian	Urdu
Czech	Hausa	Malay	Slovakian	Vietnamese

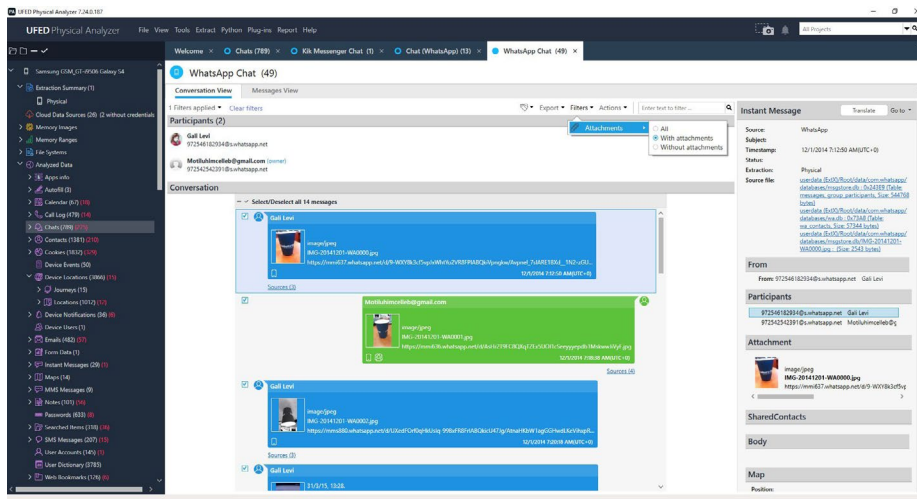
\*From Arabic (informal) to English

To and From Japanese	To and From Arabic	To and From Spanish	To and From Italian	To and From French	To and From German
Simplified Chinese	English	Arabic	English	Arabic	English
English	Hebrew	English	French	English	French
	Spanish	German	German	German	Italian
	French	Catalan	Spanish	Italian	Spanish
	Urdu	French		Spanish	
	Russian	Italian			
	Persian				

## Easily review attachments in any chat conversation

In this version of UFED Physical Analyzer a new tab for file attachments, per chat conversation, has been added allowing users to easily locate and review attachments. In addition, users can filter only messages with attachments.





## Support for new iOS version 13

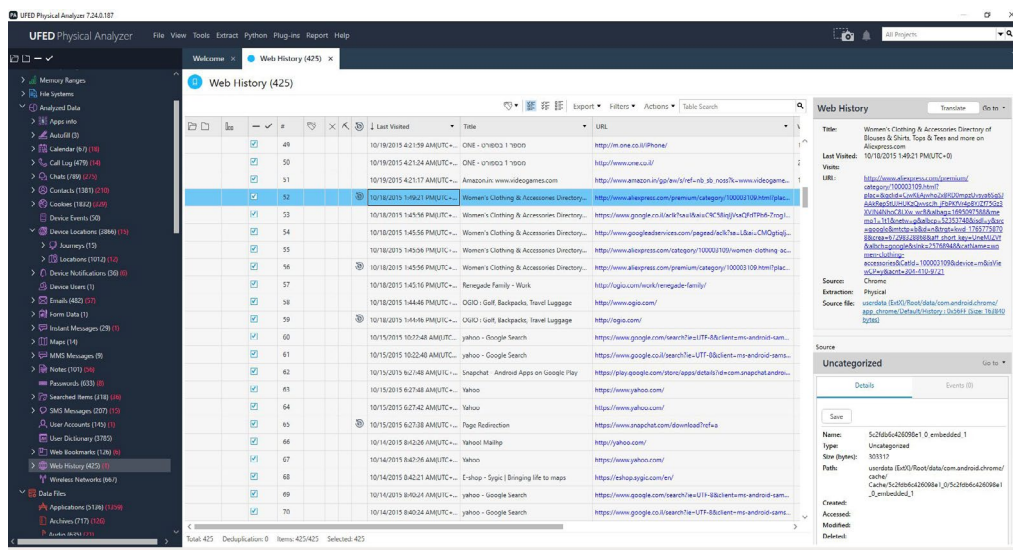
As part of a continuous effort to ensure that you have maximum access to data on Apple devices, we are excited to announce support for the latest iOS version, 13.1.2. Cellebrite provides data extraction support across all UFED platforms and with UFED Physical Analyzer from devices running up to iOS version 13.1.2.

- Screen cannot get blacked out during extraction - Before starting the extraction, screen timeout should be changed to never/longest in order to successfully perform the extraction. It is recommended not to touch any button on the device during the extraction.
- PIN code/pass-code re-entering while extracting - you may be required to enter the PIN number multiple times during the extraction process.

## Rebuild webpages from browsers cache files

Examining web-related artifacts is important for many case investigations. UFED Physical Analyzer version 7.24 now also reconstructs webpages, from cache files. Using this capability, you can view website content offline with content from the browser cache (when available).

- Supported browsers for Android: Chrome and Mozilla Firefox, available when performing full File System and Physical extractions.
- Supported browser for iOS: Chrome, available when performing full File System extraction.



## Load session (pas files) enhancements

We have dramatically improved the time it takes to load a session file into UFED Physical Analyzer and Reader. Following initial beta testing, results indicated 5 times faster to load a session in this version compared to version 7.23.2.

## New UFED Physical Analyzer Installation Procedure

1. Locate and download the version .zip folder from MyCellebrite or from within UFED Physical Analyzer.
2. Extract all files to the same location. Note that you will require the two .bin files to successfully run the setup.
3. Run the Setup execution (.exe) file to begin installation.

## Solved Issues – UFED Physical Analyzer

- Decoding of emails for iOS full File System extraction works with no errors.
- The time to decode data from App Store has been improved.
- The time to decode data from the Viber app for Android devices has been improved.

## Known Issues – UFED Physical Analyzer

- The “Streamline to Analytics” function is currently not working with Analytics Desktop 8.1. It will be supported in the next Analytics Desktop release.
- Rebuild cache – in some cases, the HTML pages are blank (white pages).
- Smart Translator – new languages are supported in UFED Physical Analyzer 7.24. You can’t use the new packages with an older UFED Physical Analyzer version. Installing the new languages overrides the previous ones.
- There is no support for iOS native emails for iOS full File System extraction. We are working to support this.

## Known Issues – UFED and UFED InField

- We recommended using Advanced Logical when extracting from Apple devices running iOS 13 and higher.
- When performing a logical extraction on Apple devices running iOS 13 and higher, UFED fails to parse call logs, SMS and calendar information.



## iOS: New and updated apps

63 updated apps	
Any.DO	4.33.2
ASKfm	4.45
Chrome	76.0.3809.81
Ctrip	7.1.0
Ctrip (Chinese)	8.8.0
Dropbox	154.2
Facebook	233.0
Facebook Messenger	227.0
Firefox	18.1
Fitbit	3.3
Grindr	5.14.1
hike messenger	6.2.52
Instagram	105.0
InstaMessage	3.2.9
KakaoTalk	8.5.0
Keeper	14.4.4
KeepSafe	8.35.2
Life360	19.2.0
LINE	9.12.0
LinkedIn	9.1.142
Mail.Ru	10.1.1
Meet24	1.7.65
MobileVOIP Cheap Calls	3.0.3
Momo	8.19.3
Nike+ Run Club	5.26.0
Odnoklassniki	8.11
OkCupid	32.0.0
Pinterest	7.26
QQ Browser	9.6.2
Runtastic	9.8
Scruff	6.0101
Skout	6.11.0
Skype	8.50
Snapchat	10.63.1.1



Taxify	Cl.3.99
Telegram Messenger	5.10
Text Free Ultra Texting	11.46
Text Me!	3.18.5
Text Now	9.18.0
textPlus	7.5.8
Threema	4.3.1
TigerText	8.5
TikTok	12.5.0
Tinder	10.17.0
Twitter	7.56
Viber	11.2
Vkontakte	5.21.3
Voxer	3.21.32
WhatsApp	2.19.80
Whisper	8.13.8
Yandex Browser	19.7.3.121
Yubo	3.33.2
Zello	4.64

## Android: New and updated apps

58 updated apps	
Any.DO	4.15.5.4
ASKfm	4.47
Azar	3.43.1-arm64
Chrome	76.0.3809.111
Dropbox	154.2.2
Facebook	233.0.0.36.117
Facebook Messenger	227.0.0.8.119
Firefox	68.0
Fitbit	3.2
Flipboard	4.2.19
GG	4.15.0.20393
Google Calendar	6.0.44-261313226-release
Google Docs	1.19.292.02.45
Google Drive	2.19.312.02.45
Google Maps	10.22.1



Google Photos	4.21.0.259804562
Google Translate	6.1.0.RC03.261434010
Grindr	5.14.2
Hot or Not	5.129.1
imo	2019.2.31
Instagram	105.0.0.18.119
Kakao Story	5.11.1
KakaoTalk	8.5.1
KeepSafe	9.39.2
Kik Messenger	15.15.0.21560
LINE	9.13.2
LinkedIn	4.1.339
Mail.Ru	10.3.0.27453
Meet24	Meet24
Momo	8.19.3_c3
Odnoklassniki	19.8.5
Opera Mini	43.3.2254.141404
Opera Mobile	53.0.2569.141117
Runtastic	9.8
SayHi	7.39
Scruff	6.0011
Skout	6.10.0
Skype	8.50.0.43
Snapchat	10.63.0.0
Tango	6.9.236663
Telegram Messenger	5.10.0
Text Now	6.35.0.1
textPlus	7.5.5
Threema	4.1
TigerText	8.5.679
TikTok	12.4.5
Tinder	10.20.0
Truecaller	10.42.7
Tumblr	13.9.0.00
Twitter	8.7.0-release.81
Uber	4.274.10002



UC Browser	12.12.8.1206
Viber	11.2.0.24
Vkontakte	5.40
Voxer	3.18.19.21115
Waze	4.53.5
Weibo	9.8.0
WhatsApp	2.19.216
WhatsApp_Business	2.19.69
Whisper	9.32.0
Yandex Browser	19.7.1.93
Zalo	19.07.02
Zello	4.67

## 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)
Touch2 (cpkg)	3fd68d4aa7c832304c48a5154a5160ab	cb5a61f3d72b5bf40bfd6049a200e0fea140a2c9763c8926ca8018754b58e9
4PC (cpkg)	37dc2d511bcc8c409563c1692d770dc2	937b572b392df7c78395fc71853623edcd95f7a32035fd7db14779a75d9efbe0
4PC (exe)	5fd5170905bf9d0168e537c8be44f1fa	73758c74aa6b7560f82bcd7e8f379303a6aec561a1d48e8b8d501c904d9543f4
UFED InField (cpkg)	a93a27065e99ed481d2a01af6e8ba14f	9a9d8752194e5b7ba151e346d9c866ea761de0664147018e512cd6cc3b70a0b8
UFED InField (exe)	e6ee65bddf383a2f8269760c938dd4c8	25878ab80a373969a8a751419db36917c5bb7d817f9684265a4f8e5ae16a0b8a
UFED Physical Analyzer	41c6a9aa89e608e9ea9ef3c9ffd71ff1	6d013fe4447bc47c0e6276a5b5ef63162804b023d8dd1be5c545096e47537d1b
UFED Logical Analyzer	c4d5fbf8e5e115a2fa30d4aeb96801f4	59b1420ec7b241584a116df65707bc37b190fbd273589336ecab5052b687cf3d
Cellebrite Reader	3f29df01cc89b7c1922fd3f7e2a46f04	4449af79c53c7959de8eaa76ed2b11029ea8b9d824262a0e229b9f6abfe0b64d

