

UFED, UFED InField, UFED Physical Analyzer, UFED Logical Analyzer and Cellebrite Reader v7.32

April 2020

Now supporting: 30,953 device profiles

App versions: 10,604

Forensic Method	Version 7.32	Total
Logical extraction	39	11,983
Physical extraction*	55	7,660
File system extraction	54	7,661
Extract/disable user lock	6	3,649
Total	154	30,953

*Including GPS devices

The number of unique mobile devices with passcode capabilities is 5,536

App support

- **WhatsApp in Samsung Secure Folder** - The Secure Folder feature enables a user to install another instance of the app within the secure folder zone. We now support the decoding of data from WhatsApp within the Samsung secure folder, in addition to the previously supported decoding of the app installed on the device.
- **87 updated applications** - Support for 87 new app versions for iOS and Android devices.

UFED Physical Analyzer

Decoding of Advertising ID for iOS devices

Advertising ID is a unique anonymous identifier on iOS devices used for advertising purposes. App developers can use this ID to identify users of their apps. In this version we have enhanced support to enable the decoding of the Advertising ID when performing Advanced Logical and Full File System extractions. The next release of Physical Analyzer will indicate the time stamp of each ID, showing which is most recent, as users can reset the advertising ID in the mobile device settings.

Decoding of Additional iOS Device Events (currentpowerlog.plsql)

Examiners can gain more insights about a device user's behavior through additional decoding of device events including:

- Device Time Zone changes – when the time zone of a device was changed (automatically and manually).
- WIFI state – when a WIFI was connected and disconnected.
- Flashlight state – when the flashlight was turned-on and turned-off.
- Camera State – when the camera was turned-on and turned-off.

Android native location enhancements

Added locations from various databases with WIFI BSSIDs and locations from general databases. Also added new locations from Samsung rubin database which collects and analyzes data from users who agreed to share their data with Samsung services.

Address Enrichment Within Online Maps

Users can now enrich 1000 location events onto a street address with a single click. The previous limit was 200 location events.

Updates for the wireless network/BSSID offline database

A new database is now available for download from MyCellebrite.

UFED and UFED InField

Extract 3rd Party Applications with Samsung Advanced Logical

This new generic capability allows users of UFED and UFED InField the ability to extract data from 3rd party applications such as WhatsApp, Telegram and Facebook, as part of the Advanced Logical extraction flow.

This new capability will decrypt and extract the contents of the 3rd party Apps together with the logical process. To use the new capability make sure the 'Files' data type is selected in Advanced Logical. If the device is compatible with the new capability, UFED will perform the extraction automatically.

The new capability works on Samsung devices running Android versions 8-9 with both Qualcomm and Exynos chipsets.



Solved Issues – UFED Physical Analyzer

- A newer version of Virtual Analyzer is available as part of this release with improved error handling and support
- App Genie performance improvements
- Physical Analyzer gets stuck while parsing Telegram for Android devices
- Decoding of emails in Full File System extractions for iOS devices
- Decoding of WIFI networks for devices running Android 9 version
- Parsing of Google Takeout locations data
- Missing timestamps on media locations parsed from Google Photos
- Empty Wickr app messages content for iOS devices
- Decoding of Kakao talk app version 4.2.1 for Android devices
- Parsing of WeChat app version 7.0.10 for Android devices
- Metadata of images and videos in export to excel report are incorrectly presented one cell to right

Note: Generating report in old Excel 97 format is no longer supported in UFED Physical Analyzer.

iOS: New and updated apps

40 updated apps	
Any.DO	4.39.15
ASKfm	4.53
Azar	1.41.0
Confide	9.3.3
Dropbox	178.2
Facebook Messenger	255.0
Flipboard	4.2.68
Foursquare	11.16.7
Glide	6.3.16
Gmail/Inbox	6.0.200224
Gmail/Inbox	6.0.200209
Google Docs	1.2020.8202
Google Maps	5.38
Google Translate	6.6.0
Grindr	6.2.3
GroupMe	5.38.0
Hangouts	27.0.0
hike messenger	6.2.191
Hot or Not	5.154.0
Instagram	133.0
Instagram	131.0
KakaoTalk	8.7.8



Keeper	14.9.0
Kik Messenger	15.20.0
Life360	20.0
Line	10.2.1
Linkedin	9.1.169
Odnoklassniki	8.37.1
QQ	8.2.9
Skype	8.57
SnapChat	10.77.0.54
Snapchat Warrant Return	10.78.5.65
Telegram	5.15.2
Telegram	5.14
TikTok	15.1.0
Viber	12.5.2
Vkontakte	5.53.3
Waze	4.60
WeChat	7.0.11
Whatsapp	2.20.31

Android: New and updated apps

47 updated apps	
Any.DO	4.17.0.2
ASKfm	4.55.1
Azar	3.53.1
Booking.com	21.3
Chrome	80.0.3987.132
Confide	6.2.2
DJI Go 4	4.3.32
Dropbox	178.2.6
Facebook	260.0.0.42.118
Facebook Messenger	254.0.0.17.122
Firefox	68.5.0
Fitbit	3.16
Flipboard	4.2.36
GG	4.17.3.20424
Gmail/Inbox	2020.02.16.297705979-release
Google Calendar	2020.04.7-296225275-release
Google Docs	1.20.082.05.45
Google Drive	2.20.075.05.45
Google Maps	10.36.3
Google photos	4.42.0.298468093



Google Translate	6.5.0.RC04.292618770
Grindr	6.4.0
GroupMe	5.44.4
Hangouts	32.0.297021247
Hot or Not	5.159.0
ICQ	8.3.1(824250)
imo	2020.03.1021
Instagram	130.0.0.31.121
Kakao Story	5.16.4
KakaoTalk	8.7.9
Keeper	14.5.20.4
Life360	20.0.1
Line	10.3.1
Linkedin	4.1.420
Odnoklassniki	20.3.5
Skype	8.57.0.116
SnapChat	10.77.0.0
Telegram	4.3.0
TikTok	15.2.5
Twitter	8.35.0-release.03
Viber	12.5.0.28
Vkontakte	5.55
Waze	4.60.0.5
Whatsapp	2.20.64
WhatsApp Business	2.20.65
Wicker	5.47.6
Zalo	20.02.02

Physical extraction while bypassing lock

17 newly supported devices	
Gionee	X817
HTC	6275, PB99400 Desire CDMA
Huawei	NMO-GT3, NMO-L31 GR5 Mini
Chinese phones	C12_DS Yuntab, G9000_DS
Oppo	R6007, R7007, R831S, A31
Samsung GSM	SC-05G (Galaxy S6), SM-T387V Galaxy Tab A 8.0, SM-J410F_DS Galaxy J4 Core
Tablets	Samsung GT-P3113TS Galaxy Tab 2 7.0
VIVO	Y13iL_DS, Y29L



Physical extraction

55 newly supported devices	
Asus	X017DA ZenFone 5Q, ZC600KL, X00TD Zenfone Max Pro, ZB602KL, X00QD Zenfone 5, ZE620KL, Z01MDA ZenFone 4 Selfie Pro, ZD552KL, X00RD ZenFone Live, ZA550KL, Z01BDC ZenFone 3, ZC551KL
AU	KYV43[BASIO3], KYV35[TORQUE G02], KYV38[URBANO V03], KYV36[DIGNO rafre], KYV40 [rafre]
Fujitsu	F-01J[arrows NX], Arrows M04, Arrows M03
Gionee	X817, M7L
HTC	6275, PB99400 Desire CDMA
Huawei	STK-LX3 Honor 9X, NMO-GT3, NMO-L31 GR5 Mini
Kyocera	704KC Digno J, 602KC Digno G, KYF34 Gratina 4G, KYV34 Urbano V02, KYF39 Gratina, S2 Android One S2, S4-KC Android One S4
LG CDMA	H790, bullhead Nexus 5x, LGM322 X Charge Xfinity, X Power 2
LG GSM	LGV34 Isai Beat
Chinese phones	C12_DS Yuntab, G9000_DS
Chinese Android phones	OUKITEL K9
Motorola GSM	XT2027-1 One Hyper
NTT Docomo	F-04K[arrows Be], SO-01K[Xperia XZ1], SO-02K[Xperia XZ1 Compact], SC-01K[Galaxy Note8], SO-05K[Xperia XZ2 Compact], F-02H [arrows NX], F-01K[arrows NX], SO-04J[Xperia XZ Premium], SO-03K[Xperia XZ2], SO-04K[Xperia XZ2 Premium]
Oppo	A30, R7Plus R7 Plus, R811_DS Real, A33t_DS, A73t_DS, PCPM00_DS A91, R6007, R7007, R831S, R8207_DS
Samsung GSM	SM-A715F_DS Galaxy A71, SM-T707V Galaxy Tab S, SM-N770F_DS Galaxy Note 10 Lite
Sharp	S1 Android One S1
TCL	T780H Plex
VIVO	Y31, V1928A_DS U3x, X9L_DS, Y35A, X5Pro V_DS, Y13iL_DS, Y29L

File system extraction while bypassing lock

6 newly supported devices	
HTC	6275, PB99400 Desire CDMA
Huawei	NMO-GT3, NMO-L31 GR5 Mini
Samsung GSM	SM-T387V Galaxy Tab A 8.0, SM-J410F_DS Galaxy J4 Core

File system extraction

54 newly supported devices	
AU	KYV43[BASIO3], KYV35[TORQUE G02], KYV38[URBANO V03], KYV36[DIGNO rafre], KYV40 [rafre]
Fujitsu	F-01J[arrows NX], Arrows M04, Arrows M03
Gionee	X817, M7L, GN190801_DS
Huawei	STK-LX3 Honor 9X
Kyocera	704KC Digno J, 602KC Digno G, KYF34 Gratina 4G, KYV34 Urbano V02, KYF39 Gratina, S2 Android One S2, S4-KC Android One S4



LG GSM	LGV34 Isai Beat
Chinese Android phones	OUKITEL K9
Motorola GSM	XT2027-1 One Hyper
Nokia GSM	Fake Nokia E79+
NTT Docomo	F-04K(arrows Be), SO-01K(Xperia XZ1), SO-02K(Xperia XZ1 Compact), SC-01K(Galaxy Note8), SO-05K(Xperia XZ2 Compact), F-02H (arrows NX), F-01K(arrows NX), SO-04J(Xperia XZ Premium), SO-03K(Xperia XZ2), SO-04K(Xperia XZ2 Premium)
Oppo	A30, R7Plus R7 Plus, R811_DS Real, A33t_DS, A73t_DS, PCPM00_DS A91, R6007, R7007, R831S, R8207_DS
Samsung GSM	SM-A715F_DS Galaxy A71, SM-T707V Galaxy Tab S, SM-N770F_DS Galaxy Note 10 Lite
Sharp	S1 Android One S1
TCL	T780H Plex
VIVO	Y31, V1928A_DS U3x, X9L_DS, Y35A, X5Pro V_DS, Y13iL_DS, Y29L

Logical extraction

39 newly supported devices	
Gionee	X817, GN190801_DS
Huawei	STK-LX3 Honor 9X
Kyocera	S2 Android One S2, S4-KC Android One S4, 602KC Digno G, 704KC Digno J, KYF34 Gratina 4G, KYV34 Urbano V02, KYF39 Gratina
LG GSM	LGV34 Isai Beat
Chinese phones	C12_DS Yuntab
Chinese Android phones	OUKITEL K9
Motorola GSM	XT2027-1 One Hyper
Nokia GSM	N1 Tablet
Oppo	A30, R7Plus R7 Plus, PCPM00_DS A91, A33t_DS, A73t_DS, OPPO A79t_DS, A73, R811_DS Real, R6007, R7007, R831S, R8207_DS
Samsung GSM	SM-A715F_DS Galaxy A71, SM-T707V Galaxy Tab S, SM-N770F_DS Galaxy Note 10 Lite
Sharp	S1 Android One S1
TCL	T780H Plex
VIVO	Y31, V1928A_DS U3x, X5Pro V_DS, X9L_DS, Y35A, Y13iL_DS, Y29L

