

# UFED, UFED Physical Analyzer, UFED Logical Analyzer, and Cellebrite Reader v7.27

## December 2019

Now supporting: 30,391 device profiles

App versions: 10,002

Forensic methods	v. 7.27	Total
Logical extraction	143	11,815
Physical extraction*	130	7,475
File system extraction	139	7,478
Extract/disable user lock	39	3,623
Total	451	30,391

\*Including GPS devices

The number of unique mobile devices with passcode capabilities is 5,501

## App support

- **Updated applications** - support for 128 new app versions for iOS and Android devices

## UFED 4PC/ UFED Touch2

➔ Perform iOS full file system extractions from devices after jailbreak



iOS extraction is a tough nut to crack, and a key challenge faced by forensic practitioners on a daily basis. To overcome this challenge, we are excited to announce Cellebrite's support for the most comprehensive extraction of an iOS device.

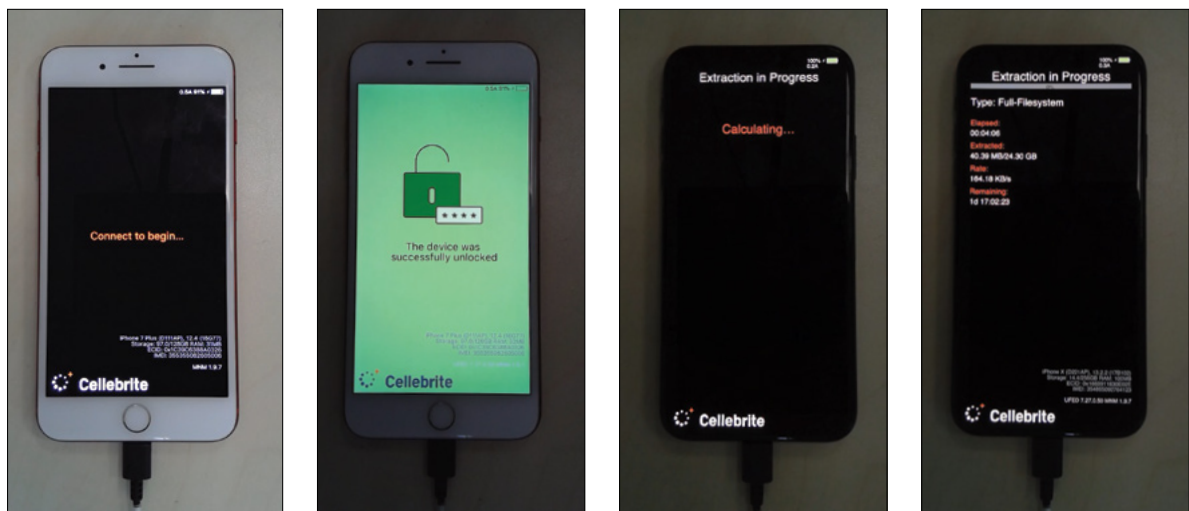
With the newly introduced 'checkm8' exploit, forensic examiners can now gain lawful access to iOS devices to extract more digital evidence. This includes access to 3rd party application data, locations, health data, passwords, keys, and tokens stored in the Keychain. This support is relevant to unlocked iPhones from iPhone 5S through to iPhone X.

Our support of checkm8 and checkra1n is in two phases:

- This version (7.27) includes full extraction support for devices after 'checkra1n' has been applied externally (using the downloadable jailbreaking tool available at <https://checkra.in>). You **do not** need to install Cydia or the AFC2 package, just connect the device after applying 'checkra1n'. This method currently requires an external MacOS or Linux workstation for the exploit application.
- Stay tuned for an upcoming UFED version with an improved workflow, eliminating the need to apply external jailbreak.

In this version, we introduce Cellebrite's exclusive iOS extraction agent, featuring a full-screen application UI and exclusive USB Restricted Mode bypass for Before First Unlock (BFU) extractions. In addition performance and stability improvements are available, and more will be rolled out gradually in upcoming versions.

*Example of iPhone 7 extraction flow*



## MTK Live: Perform Physical or Full File-system extractions on unlocked MediaTek (MTK) devices

**MEDIATEK**

In UFED 7.23, we launched the MTK Live capability, our generic physical extraction support for MTK based devices. The initial release enabled extraction from several Xiaomi and Nokia devices. As of this release, MTK Live will support devices running Android OS versions up to and including Android 9. We also added support for file-based encrypted devices.

This version extends access to the latest devices from additional vendors such as LG, Meizu, Xiaomi and Alcatel. Perform a decrypted physical dump, or a full file system extraction, pending the device encryption. A full list of tested devices can be found in the devices table.



## → Additional enhancements



1. **Retry mechanism** – A retry mechanism has been included to allow automatic save to run in the background. In the case of a failure to save, a notification popup will appear.
2. **Camera device selection** – Users can select the required camera from a drop-down of installed devices.
3. **Performance improvements** – Up to 50% faster to generate and save a report.

## UFED Physical Analyzer/ UFED Logical Analyzer

### → Supporting latest Warrant Returns



This version enables you to import and process the latest Warrant Returns from both Google and Facebook and incorporate it into your case.

In Google, users can review user account details, chat conversations, browsing history, device events, searched items, Gmail, location history and more.

In Facebook, review user account details, contacts and chats.

### → Health app – journey locations

Decoding of journey data stored when someone start a workout (synced with Apple watch).

## Solved Issues – UFED Physical Analyzer

- Selected emails are now correctly carved.
- Decoding of Samsung A510F is now completed with no error.

## iOS: New and updated apps

47 updated apps	
Any.DO	4.37.1
ASKfm	4.48.1
Azar	1.39.0
Booking.com	21.2
Chrome	78.0.3904.67
Confide	9.0.3
Dropbox	164.2
Facebook	244.0
Facebook Messenger	238.1



Firefox	20.0
Fitbit	3.8
Flipboard	4.2.58
Garmin Connect	4.24
Google Drive	4.2019.42202
Google Duo	65.0
Google Translate	6.3.0
hike messenger	6.2.111
InstaMessage	3.3.5
KakaoTalk	8.6.2
Keeper	14.7.2
Kik Messenger	8.6.2
Life360	19.6.0
LinkedIn	2019.10.17
Mail.Ru	11.1.1
Meet24	1.7.66
Momo	8.20.4
Odnoklassniki	8.22.1
OkCupid	34.3.0
SayHi	7.50
Skout	6.14.1
Tango	6.13.238831
Taxify	Cl.4.07
Telegram Messenger	5.12.1
TigerText	8.6.5
TikTok	13.4.0
Tinder	11.1.1
Twitter	8.0.6
Uber	3.374.10001
Voxer	3.21.36
Waze	4.56
WeChat	7.0.8
Weibo	9.10.2
WhatsApp	2.19.112
WhatsApp_Business	2.19.112
Whisper	8.16.0
Yubo	3.38.7
Zello	4.75



## Android: New and updated apps

81 updated apps	
Android Messages	5.0.062 (Nixie_RC14_xxhdpi.arm64-v8a.phone)
AntiVirus Security (AVG)	6.23.8
Any.DO	4.15.9.6
AppLock	2.9.8
ASKfm	4.50.1
Azar	3.44.2
Booking.com	19.8.1
Chatous	3.9.86
Chrome	78.0.3904.62
DJI GO 4	4.3.25
Dropbox	164.2.2
Evernote	8.12.2
Facebook	246.0.0.49.121
Facebook Messenger	239.1.0.17.119
Firefox	68.2.0
Fitbit	3.8
Flipboard	4.2.24
GG	4.16.0.20405
Glide	Glide.v10.359.316
Gmail	2019.09.15.270135155.release
Google Calendar	6.0.56-271856893-release
Google Docs	1.19.412.04.45
Google Drive	2.19.412.03.45
Google Maps	10.27.2
Google Photos	4.27.0.275094277
Google Quick Search Box	10.77.9.21.arm64
Grindr	5.20.0
GroupMe	5.39.11
HERE WeGo	2.0.13520
ICQ	7.6(823661)
imo	2019.5.61
Instagram	117.0.0.28.123
Kakao Story	5.14.3
KakaoTalk	8.6.1
Keeper	14.4.0.1
KeepSafe	9.45.1
Kik Messenger	15.17.0.21731
Life360	19.5.0



LINE	9.18.1
LinkedIn	4.1.367
Mail.Ru	11.1.0.27981
Meet24	1.32.7
MeetMe	14.6.4.2280
MobileVOIP Cheap Calls	7.25
One Drive	5.40.4
Opera Mobile	54.0.2672.49578
Outlook.com	4.0.45
Pinterest	7.37.0
Puffin Web Browser	7.8.3.40913
SayHi	7.54
Scruff	6.0015
Skout	6.14.0
Skype	8.53.0.104
Snapchat	10.68.5.0
Sygic	18.3.2
Tango	6.12.238388
Telegram Messenger	5.12.0
Text Me Up	3.19.5
Text Now	6.48.0.1
textPlus	7.6.1
Threema	4.12
TigerText	8.6.5.704
TikTok	13.4.4
Tinder	11.1.0
Truecaller	10.53.8
Tumblr	14.5.0.01
TunnelBear	3.0.16b1
Twitter	8.19.0-release.01
Uber	4.284.10006
UC Browser	12.13.4.1214
Viber	11.7.0.5
VIPole	2.0.95
Vkontakte	5.47
Voxer	3.18.19.21343
Waze	4.56.0.2
WhatsApp	2.19.291
WhatsApp_Business	2.19.108
Whisper	9.36
Yandex Browser	19.9.4.104



Zalo	19.10.01.r1
Zello	4.75

## Phone List

### MTK live: Physical and full file system extraction

87 newly supported devices	
Alba	8in
Alcatel	5059I 1X, 5059R Ideal Xtra, 5099D 3V, A502DL TCL LX Prepaid, A501DL TCL A1, 5059A 1X, 5059Z 1X, 5049Z, 5085Y A5 LED, 5041C, 5099A 3V, 5099Y 3V, 6058D One Touch Idol 5, 6062W
BLU	G0130WW G9, Vivo XL4, Vivo GO
Blackview	A8 Max, BV9500 Pro,
Doogee	Y8
Gionee	Allview Gini W7, M7, S11_DS, S10
HTC	Desire 19+
Homtom	C2
Huawei	JAT-AL00_DS Honor 8A, MRD-AL00_DS Enjoy 9e, JAT-LX3 Honor 8A, DUA-L22 Honor 7S, JMM-L22 Honor 6C Pro, DRA-LX2 Y5 Prime 2018
KTouch	I9
Karbonsn	Frames S9_DS
Leagoo	Power 2 Pro, M9 PRO, M11
Lenovo	XT1902-3 K8 Note, XT1902-2 K8 Plus, L18011 A5
LG GSM	M250E K10 2017, LG-SP200 Tribute Dynasty, US601 X, LG-Q710AL Stylo 4 Boost
Chinese Android phones	Meitu MP1602 T8, MP1709 M8S, TP-Link TP706A Neffos C9A, Unihertz Jelly Pro
Meizu	Pro 6, M792H Pro 7, PRO 7S, M682Q M3X, M811H M6T, M5s Meilan, M710H M5c
Motorola GSM	XT1726 Moto C Plus, XT1761 Moto E4, XT1762 Moto E4, XT1770 Moto E4 Plus, XT1771 Moto E4 Plus, XT1772 Moto E4 Plus
Myria	MY9076_DS L500, MY9078_DS Myria L600
Nokia GSM	TA-1047_DS Nokia 1, TA-1125 3.1 Plus, TA-1020 Nokia 3, TA-1109 X5, TA-1105 5.1 Plus
Oppo	PACM00 R15, A73, CPH1819 F7, PADM00 A3, A79k, A83
Sony Ericsson	G3121 Xperia XA1, H3321 Xperia L2
Tecno	LA7 Pouvoir 2, A9 Phantom 6 Plus
Ulefone	Power 3S, Power 5
Vodafone	VFD 720 Smart N9, VFD 610
Wiko	C210AE, W-V600 Harry2
Xiaomi	Xiaomi M1901F9E MI Play
ZTE GSM	Blade V1000 V1



## Physical extraction while bypassing lock

47 newly supported devices	
Alcatel	4055T U3, 5085Y A5 LED, 5099A 3V, 60450 One Touch Idol 3
HTC	6275, PB99400 Desire CDMA
Huawei	MYA-L41 Y6 2017, NMO-GT3, NMO-L31 GR5 Mini
Intex	IP0218ND Staari 10
LYF	LS-4508_DS C451, LS-5015, LS-5016_DS Wind 7, LS-5020_DS Water 10
Chinese phones	K07_DS Servo, AK007_DS Hope
Chinese Android phones	D5.5 Dual Camera Bush Spira, Infocus M260, MP1709 M8S
Micromax	HS1_DS
Myria	MY9039_DS Myria Five
Nokia GSM	150 (RM-1190), 216 (RM-1187), 222 (RM-1137), 230 (RM-1172)
Panasonic	Eluga A3 Pro
Prestigio	PSP7501DUO Grace R7
Samsung GSM	SM-J260AZ Galaxy J2 Pure, SM-J106B DS Galaxy J1 Mini Prime, SM-J111F DS Galaxy J1 Ace Neo, SC-05G (Galaxy S6), SM-S757BL Galaxy J7 Crown, SM-M105M Galaxy M10, SM-T595 Galaxy Tab A, SM-T590 Galaxy Tab A, SM-S357BL Galaxy J3 Orbit, SM-J337T J3 Galaxy J3 (2018), SM-J326AZ Galaxy Sol 2, SM-J400M Galaxy J4, SM-T560 Galaxy Tab E 9.6, SM-T561 Galaxy Tab E 9.6, SM-J737VPP Galaxy J7, SM-J727A Galaxy J7 (2017), SM-N960F_DS Galaxy Note 9
Tablets	Samsung SM-T560 Galaxy Tab E 9.6, Samsung SM-T561 Galaxy Tab E 9.6, Samsung GT-P3113TS Galaxy Tab 2 7.0
ZTE GSM	NX573J Nubia M2 Lite

## Physical extraction

130 newly supported devices	
AU	KYV41(TORQUE G03)
Alcatel	4055T U3, 5058I 3X
Archos	AC680XXL Oxygen 68XL, AC630X_DS Oxygen 63, AC570X Oxygen 57
Asus	I001DA_DS ROG _Phone 2 Gaming, X008DB Zenfone 3 Max, X00HD_DS ZenFone 4 Max, K010 Transformer Pad TF103C, ASUS_101WD_DS ZenFone 6, 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
BLU	G0130WW G9, G0210LL G6, G0170_DS G8, C5L C0050LL, G0090 G5
Celkon	U_DS Diamond
Coolpad	1803_DS
Cubot	King Kong 3
Gionee	S11S, G020P Pixel 4 XL
HTC	ZPZM100 U Play, 6275, PB99400 Desire CDMA
Huawei	CLT-L04 P20 Pro, MRD-LX3_DS Y6 2019, FIG-LX2 Y7s, HLK-AL00 Honor 9X, DUB-LX2_DS Y7 Pro 2019, DUB-LX3_DS Y7 2019, KIW-L21_DS Honor 5X, LDN-L01 Y7 2018, STK-L22 Y9 Prime 2019, STK-AL00 Enjoy 10 Plus, NEO-L29_DS Mate Rs, EVR-N29 Mate 20 X 5G, NMO-GT3, NMO-L31 GR5 Mini
Infinix	X627V_DS Smart 3 Plus





Intex	IP0218ND Staari 10
K-Touch	X15, Q1 Q21, T2, E2
Kyocera	KYV42(Qua phone QX)
LYF	LS-4508_DS C451, LS-5015, LS-5016_DS Wind 7, LS-5020_DS Water 10
LG GSM	LM-X210CM Fortune 2, LM-Q910UM G7 One, LM-X420MM K40, LM-X525ZAW Q60, LM-X525ZA Q60, LM-X440IM W30, LG-K600Y X Fast,
LG CDMA	H790, bullhead Nexus 5x, LGM322 X Charge Xfinity, X Power 2
Chinese phones	Newman C9S, K07_DS Servo, AK007_DS Hope
Chinese Android phones	GS100_DS Gigaset, Jazz Aspera, D5.5 Dual Camera Bush Spira, Infocus IF9031 Vision 3, Infocus M260, Smartron T5511, Infocus M535
Maxwest	Nitro_55R
Micromax	HS1_DS
Motorola GSM	XT1944-4_DS Moto E5, XT2025-1 Moto E6 Plus, XT1920-15 Moto E5 Play, XT2010-1 One Zoom, XT1929-6 Moto Z3 Play
Myria	MY9039_DS Myria Five
NTT Docomo	SO-04H(Xperia X Performance), SO-03J(Xperia XZs), SH-01K(AQUOS sense)
Nokia GSM	TA-1196 7.2
OnePlus	GM1900_DS OnePlus 7
Oppo	CPH1909_DS A5s, CPH1907 Reno 2, CPH1803_DS A3s, CPH1969 F11 Pro, CPH1613 F3 Plus, CPH1923_DS A1k
Realme	RMX833_DS U1
Samsung GSM	SM-T830 Galaxy Tab S4, SM-A908N Galaxy A90 5G, SM-T510 Galaxy Tab A, SM-T515 Galaxy Tab A, SM-N976V Galaxy Note 10 Plus, SM-J337W Galaxy J3 (2018), SM-A102U Galaxy A10e, SM-N9700_DS Galaxy Note 10, SM-N975U Galaxy Note 10 Plus, SM-A505U Galaxy A50, SM-J260AZ Galaxy J2 Pure, SM-A205F_DS Galaxy A20, SM-A207M_DS Galaxy A20s, SM-A7050_DS Galaxy A70, SM-A600T1 Galaxy A6, SM-T865 Galaxy Tab S6, SM-T860 Galaxy Tab S6, SM-A305F DS Galaxy A30, SM-J106B DS Galaxy J1 Mini Prime, SM-J111F DS Galaxy J1 Ace Neo, SM-J410F_DS Galaxy J4 Core, SM-A606Y_DS Galaxy A60, SM-N976N Galaxy Note 10 Plus 5G, SM-A5070_DS Galaxy A50s, SM-A600AZ Galaxy A6
Sharp	701SH Aquos
Sony (SonyEricsson)	SO-02J(Xperia X Compact), J9210 Xperia 5
swisstone	SC 660_DS
TCL	6062Z Revl 2 Plus
VIVO	1801_DS Y71i, 1813 Nex Dual, 1818_DS V15 Pro, 1901_DS
Vodafone	VFD 527 Smart E9
Xiaomi	M1908C3KG_DS Redmi 8A, M1810F6LE_DS Redmi 7, M1903F11I_DS Redmi K20 Pro, M1901F7S Redmi Note 7 Pro, MD16S_DS Redmi Y1, MD16_DS Redmi Y1 Lite, M1903F11G_DS Mi 9T Pro, M1903C3EG_DS Redmi 7A, M1903C3EI_DS Redmi 7A, M1906G7E Redmi Note 8 Pro, M1904F3BG Mi 9 Lite, M1810F6L_DS Redmi Y3, M1903F11A Redmi K20 Pro, M1906F9SI Mi A3, M1906G7G Redmi Note 8 Pro
ZTE GSM	NX405H Nubia 5S, A2020 Pro Axon 10 Pro, Blade A7 (2019)



## File system extraction while bypassing lock

10 newly supported devices	
Alcatel	4055T U3
Asus	X008DB Zenfone 3 Max
LYF	LS-5020_DS Water 10
Chinese Android phones	D5.5 Dual Camera Bush Spira, Infocus M535
Micromax	HS1_DS
Myria	MY9039_DS Myria Five
Samsung GSM	SM-J260AZ Galaxy J2 Pure, SM-J106B DS Galaxy J1 Mini Prime, SM-J111F DS Galaxy J1 Ace Neo

## File system extraction

139 newly supported devices	
AU	KYV41(TORQUE G03)
Alcatel	4055T U3, 5058I 3X
Apple	Iphone 11 Pro (A2160), iPhone 11 (A2111), MWLD2LL_A iPhone 11, MWH22LL_A A2161 iPhone 11 Pro Max, iPad 6th Gen MR7F2LL_A (A1893), iPad 7th Gen MW742LL_A (A2197)
Archos	AC680XXL Oxygen 68XL, AC630X_DS Oxygen 63, AC570X Oxygen 57
Asus	I001DA_DS ROG _Phone 2 Gaming, X008DB Zenfone 3 Max, X00HD_DS ZenFone 4 Max, K010 Transformer Pad TF103C, ASUS_101WD_DS ZenFone 6
BLU	G0130WW G9, G0210LL G6, G0170_DS G8, C5L C0050LL, G0090 G5
Celkon	U_DS Diamond
Coolpad	1803_DS
Cubot	King Kong 3
Gionee	S11S
Google	G020P Pixel 4 XL
HTC	ZPZM100 U Play
Huawei	CLT-L04 P20 Pro, MRD-LX3_DS Y6 2019, FIG-LX2 Y7s, HLK-AL00 Honor 9X, DUB-LX2_DS Y7 Pro 2019, DUB-LX3_DS Y7 2019, KIW-L21_DS Honor 5X, LDN-L01 Y7 2018, STK-L22 Y9 Prime 2019, STK-AL00 Enjoy 10 Plus, NEO-L29_DS Mate Rs, EVR-N29 Mate 20 X 5G
Infinix	X627V_DS Smart 3 Plus
K-Touch	X15, Q1 Q21, T2, E2
Kyocera	KYV42(Qua phone QX)
LYF	LS-4508_DS C451, LS-5015, LS-5016_DS Wind 7, LS-5020_DS Water 10
LG GSM	LM-X210CM Fortune 2, LM-Q910UM G7 One, LM-X420MM K40, LM-X525ZAW Q60, LM-X525ZA Q60, LM-X440IM W30, LG-K600Y X Fast
Chinese phones	Newman C9S, K07_DS Servo, AK007_DS Hope
Chinese Android phones	GS100_DS Gigaset, Jazz Aspera, D5.5 Dual Camera Bush Spira, Infocus IF9031 Vision 3, Infocus M260, Smartron T5511, Infocus M535
Maxwest	Nitro_55R
Micromax	HS1_DS



Motorola GSM	XT1944-4_DS Moto E5, XT2025-1 Moto E6 Plus, XT1920-15 Moto E5 Play, XT2010-1 One Zoom, XT1929-6 Moto Z3 Play
Myria	MY9039_DS Myria Five
NTT Docomo	SO-04H(Xperia X Performance), SO-03J(Xperia XZs), SH-01K(AQUOS sense)
Nokia GSM	TA-1196 7.2
OnePlus	GM1900_DS OnePlus 7
Oppo	CPH1909_DS A5s, CPH1907 Reno 2, CPH1803_DS A3s, CPH1969 F11 Pro, CPH1613 F3 Plus, CPH1923_DS A1k
Realme	RMX833_DS U1
Samsung GSM	SM-T830 Galaxy Tab S4, SM-A908N Galaxy A90 5G, SM-T510 Galaxy Tab A, SM-T515 Galaxy Tab A, SM-N976V Galaxy Note 10 Plus, SM-J337W Galaxy J3 (2018), SM-A102U Galaxy A10e, SM-N9700_DS Galaxy Note 10, SM-N975U Galaxy Note 10 Plus, SM-A505U Galaxy A50, SM-J260AZ Galaxy J2 Pure, SM-A205F_DS Galaxy A20, SM-A207M_DS Galaxy A20s, SM-A7050_DS Galaxy A70, SM-A600T1 Galaxy A6, SM-T865 Galaxy Tab S6, SM-T860 Galaxy Tab S6, SM-A305F_DS Galaxy A30, SM-J106B_DS Galaxy J1 Mini Prime, SM-J111F_DS Galaxy J1 Ace Neo, SM-J410F_DS Galaxy J4 Core, SM-A606Y_DS Galaxy A60, SM-N976N Galaxy Note 10 Plus 5G, SM-A5070_DS Galaxy A50s, SM-A600AZ Galaxy A6
Sharp	701SH Aquos
Sony (SonyEricsson)	SO-02J(Xperia X Compact), J9210 Xperia 5
swisstone	SC 660_DS
TCL	6062Z Rewl 2 Plus
VIVO	1801_DS Y71i, 1813 Nex Dual, 1818_DS V15 Pro, 1901_DS
Vodafone	VFD 527 Smart E9
Xiaomi	M1908C3KG_DS Redmi 8A, M1810F6LE_DS Redmi 7, M1903F11I_DS Redmi K20 Pro, M1901F7S Redmi Note 7 Pro, M1903F11G_DS Mi 9T Pro, M1903C3EG_DS Redmi 7A, M1903C3EI_DS Redmi 7A, M1906G7E Redmi Note 8 Pro, M1904F3BG Mi 9 Lite, M1810F6L_DS Redmi Y3, M1903F11A Redmi K20 Pro, M1906F9SI Mi A3, M1906G7G Redmi Note 8 Pro
ZTE GSM	NX405H Nubia 5S, A2020 Pro Axon 10 Pro, Blade A7 (2019)

## Logical extraction

143 newly supported devices	
Alcatel	4055T U3, 5058I 3X
Apple	iPad 6th Gen MR7F2LL_A (A1893), iPad 7th Gen MW742LL_A (A2197), MWLD2LL_A iPhone 11, MWH22LL_A A2161 iPhone 11 Pro Max, iPhone 11 (A2111), Iphone 11 Pro (A2160)
Archos	AC680XXL Oxygen 68XL, AC630X_DS Oxygen 63, AC570X Oxygen 57
Asus	ASUS_101WD_DS ZenFone 6, K010 Transformer Pad TF103C, I001DA_DS ROG _Phone 2 Gaming, X008DB Zenfone 3 Max, X00HD_DS ZenFone 4 Max
BLU	G0210LL G6, G0170_DS G8, C5L C0050LL, G0090 G5, G0130WW G9
CAT	CAT B35
Celkon	U_DS Diamond
Coolpad	1803_DS
Cubot	King Kong 3
Google	G020P Pixel 4 XL



HTC	ZPZM100 U Play
Huawei	KIW-L21_DS Honor 5X, FIG-LX2 Y7s, CLT-L04 P20 Pro, DUB-LX2_DS Y7 Pro 2019, LDN-L01 Y7 2018, DUB-LX3_DS Y7 2019, STK-L22 Y9 Prime 2019, STK-AL00 Enjoy 10 Plus, NEO-L29_DS Mate Rs, HLK-AL00 Honor 9X, EVR-N29 Mate 20 X 5G, MRD-LX3_DS Y6 2019
Infinix	X627V_DS Smart 3 Plus
Intex	IP0218ND Staari 10
K-Touch	X15, Q1 Q21, T2, E2
Kyocera	KYV42(Qua phone QX)
LYF	LS-4508_DS C451, LS-5015, LS-5016_DS Wind 7, LS-5020_DS Water 10
LG GSM	LM-X210CM Fortune 2, LM-X420MM K40, LM-Q910UM G7 One, LM-X525ZAW Q60, LM-X525ZA Q60, LM-X440IM W30, LG-K600Y X Fast
Chinese phones	Newman C9S, M560 Newman, K07_DS Servo, AK007_DS Hope
Chinese Android phones	Infocus IF9031 Vision 3, Infocus M260, Smartron T5511, Infocus M535, Jazz Aspera, D5.5 Dual Camera Bush Spira, GS100_DS Gigaset
Maxwest	Nitro_55R
Micromax	HS1_DS
Motorola GSM	XT1944-4_DS Moto E5, XT2025-1 Moto E6 Plus, XT1920-15 Moto E5 Play, XT2010-1 One Zoom, XT1929-6 Moto Z3 Play
Myria	MY9039_DS Myria Five
Nokia GSM	TA-1196 7.2, TA-1059 8110 4G
OnePlus	GM1900_DS OnePlus 7
Oppo	CPH1923_DS A1k, CPH1945_DS Reno2 Z, CPH1907 Reno 2, CPH1909_DS A5s, CPH1969 F11 Pro, CPH1613 F3 Plus, CPH1803_DS A3s
Realme	RMX833_DS U1
Samsung GSM	SM-A908N Galaxy A90 5G, SM-J337W Galaxy J3 (2018), SM-J337R4 Galaxy J3 Aura, SM-N976V Galaxy Note 10 Plus, SM-M405F Galaxy M40, SM-A707F_DS Galaxy A70s, SM-A600T1 Galaxy A6, SM-N9700_DS Galaxy Note 10, SM-N975U Galaxy Note 10 Plus, SM-A505U Galaxy A50, SM-J260AZ Galaxy J2 Pure, SM-A102U Galaxy A10e, SM-A205F_DS Galaxy A20, SM-A7050_DS Galaxy A70, SM-T860 Galaxy Tab S6, SM-T830 Galaxy Tab S4, SM-A305F_DS Galaxy A30, SM-J260M Galaxy J2 Core, SM-J106B_DS Galaxy J1 Mini Prime, SM-J111F_DS Galaxy J1 Ace Neo, SM-A307FN_DS Galaxy A30s, SM-A207M_DS Galaxy A20s, SM-A260G_DS Galaxy A2 Core, SM-T865 Galaxy Tab S6, SM-J410F_DS Galaxy J4 Core, SM-A606Y_DS Galaxy A60, SM-T510 Galaxy Tab A, SM-T515 Galaxy Tab A, SM-A5070_DS Galaxy A50s, SM-A507FN_DS Galaxy A50s, SM-A107F_DS Galaxy A10s, SM-A600AZ Galaxy A6
Sharp	701SH Aquos
Sony (SonyEricsson)	J9210 Xperia 5, S0-02J(Xperia X Compact)
Swisstone	SC 660_DS
TCL	6062Z Rewl 2 Plus
VIVO	1818_DS V15 Pro, 1901_DS, 1801_DS Y71i, 1813 Nex Dual
Vodafone	VFD 120, VFD 527 Smart E9
Xiaomi	M1908C3KG_DS Redmi 8A, M1810F6LE_DS Redmi 7, M1903F11I_DS Redmi K20 Pro, M1810F6L_DS Redmi Y3, M1901F7S Redmi Note 7 Pro, MD16S_DS Redmi Y1, MD16_DS Redmi Y1 Lite, M1903F11G_DS Mi 9T Pro, M1903C3EI_DS Redmi 7A, M1903C3EG_DS Redmi 7A, M1906F9SI Mi A3, M1906G7E Redmi Note 8 Pro, M1904F3BG Mi 9 Lite, M1906G7G Redmi Note 8 Pro, M1903F11A Redmi K20 Pro
ZTE GSM	A2020 Pro Axon 10 Pro, Blade A7 (2019), NX405H Nubia 5S



## 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)	69f6be9f72286e72080ec50e89068274	07c2e18accb3798445c6129d0d91aeccc8e1fdeb33a7b19402c71e1db5bf4af
4PC (cpkg)	609e824e23da26d87c6952fa1fd654f4	53c55d2ddd1d20d1404e35c0c69a899527204a360e50b833f60f11024682cf52
4PC (exe)	8a8b8f382c32b9b4128916da5c9800bb	cb162d7dcc3f70aa4e71eea0fc86986bf264183d34d0f94034bb387c9c7e633
Permission Manager (exe)	7a4352c6d8065c39123c4829e6b46692	b21f0cca88debd47189d7d38d7ba4c6205cd4e1367f53b2cf77c2c183547dbd8
UFED Physical Analyzer	395e18194fdfe724422afaa21ece9930	ba0eec2a49abb6a395cb06ddf4953ecf00228569367158c4a400f9f6ec42e563
UFED Logical Analyzer	791ac72a0b3a745750b10579637d178d	1bf8d11cbacf9df1551dbd35e96063e0bb1a9f34de8215de5a063c0db21f79d8
Cellebrite Reader	0ce93732bc06c282fe8a6156b3ad5d00	7f09a882a95b9ec20cd7c2a2d81a755e7b39ac51e25f24a7fd75ca89a2cc4f84

