

Release Notes

Release Version 7.13: UFED Physical Analyzer, UFED Logical Analyzer & Cellebrite Reader

Enhancements: UFED 4PC/Touch2

January 2019

- ◆ Now supporting: 27,141 device profiles
- ◆ App versions: 7,318

HIGHLIGHTS

UFED Physical Analyzer app support

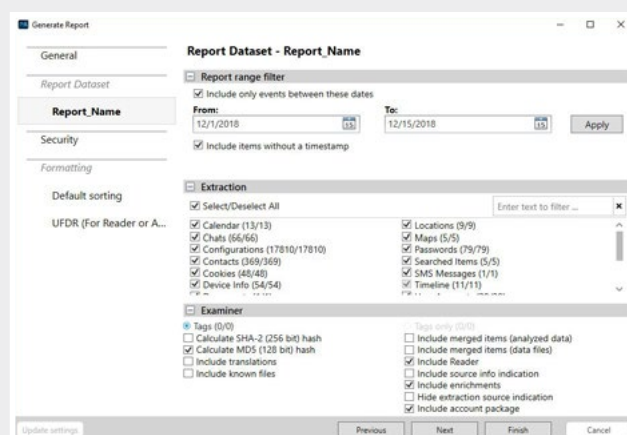
- Decoding support for Snapchat's chat messages on iOS devices.
- 131 updated application versions for iOS and Android devices.

UFED 4PC / Touch 2 enhancements

- **Updated in UFED 7.12:** Generic lock screen bypass method for all Android devices.

Report Filtering

In this version, users can take advantage of the report filtering capability to generate reports that include data found within a specified date range. This helps accelerate the investigative efforts by focusing investigators and prosecutors on reviewing data that was generated during a targeted timeframe.



Decoding of Snapchat messages for iOS devices

UFED Physical Analyzer now supports decoding of Snapchat chat messages for iOS devices (with newest version of "TSAF" file format).



Generic lock screen bypass method for Android smartphones

The new generic lock screen bypass method in UFED 7.12 helps you gain access to critical evidence from popular Android smartphones, including flagship devices such as the Samsung Galaxy S9, Galaxy S8 and many more. This industry-first method was recently confirmed to work on various models from leading vendors including Samsung, LG, Motorola, Sony, Xiaomi and others. Supported devices require Android 6 and above, with full disk encryption and a security patch level older than August 2018.

How to use:

1. For this capability you'll need cables 500, 501 & 508.
2. In UFED 7.12 we added 64 LG devices, to use this method locate LG MP260 profile and select "Remove screen lock" (located under Disable\Re-enable user lock).
3. Follow the on-screen instructions.



What you need to look out for:

- This method works only on Full disc encryption (FDE) devices (and not file based encryption). Make sure to follow the UFED instructions (power off the device for each unlock attempt).
- If you are not sure if the device is FDE you can:
 - Look at our tested devices as a reference table
 - Search for similar devices and run the ADB command



Tested Devices:

| Vendor | Tested Models |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Samsung | SM-G955W, SM-J737VPP, SM-G950U, SM-J400F, SM-J810F\DS, SM-J510M, SM-J327T, SM-G950N, SM-G570F\DS, SM-G930F, SM-G920P, SM-G955N, SM-G9650, SM-G960U1 |
| Motorola | XT1765, XT1625, XT1922-9, XT1767, XT1762, XT1641, XT1922-5, XT1766, XT1650-03, XT1644, XT1921-1 |
| Xiaomi | Redmi 5 Plus, Redmi 5, Redmi Pro, Mi 5, Mi 5s Plus, Mi A1, Mi 5x, Redmi 4X |
| Sony | G3121 Xperia XA1, F5121 Xperia X, D6603 Xperia Z3 |
| Meizu | M6 Note, Meilan M6, M621H Meilan Note |
| OnePlus | A3010 3T |

Solved Issues for UFED Physical Analyzer:

- A crash issue with Cellebrite Reader when saving pas file in a long path.
- Decoding of calls for the Alcatel 1016G device.
- Selected items for report when loading PAS file.
- A sorting issue in the tags table.
- An issue with additional report fields setting (lists).
- An issue with sorted items in the timeline in PDF/doc/excel reports.

iOS: New and updated apps

| 66 updated apps | |
|--------------------|--------------|
| Any.DO | 4.27.0 |
| ASKfm | 4.28 |
| Ctrip (Chinese) | 7.16.2 |
| DJI GO | 3.1.47 |
| DJI GO 4 | 4.3.4 |
| Dropbox | 120.3 |
| Facebook | 198.0 |
| Facebook Messenger | 193.0 |
| Flipboard | 4.2.28 |
| Gmail | 5.0.181103 |
| Google App | 62.0 |
| Google Docs | 1.2018.44204 |
| Google Drive | 4.2018.44203 |
| Google Duo | 43.0 |
| Google Maps | 5.5 |
| Google Tasks | 4.9.13 |
| Grindr | 4.3.0 |
| Hot or Not | 5.88.0 |
| Hushed | 4.7.2 |



Release Notes

| | |
|------------------------|-------------|
| Inbox | 1.3.181103 |
| Instagram | 72.0 |
| InstaMessage | 2.9.7 |
| Kakao Story | 5.4.0 |
| KakaoTalk | 8.20.0 |
| Keeper | 14.0.2 |
| KeepSafe | 8.20.0 |
| Kik Messenger | 14.9.0 |
| LINE | 8.16.1 |
| LinkedIn | 9.1.108 |
| Mail.Ru | 9.11 |
| Meet24 | 1.7.63 |
| MobileVOIP Cheap Calls | 2.0.5 |
| Momo | 8.10.5 |
| Musical.ly | 9.2.0 |
| Nike+ Run Club | 5.20 |
| Odnoklassniki | 7.32 |
| OkCupid | 23.1.0 |
| Pinterest | 6.77 |
| QQ | 7.9.0 |
| SayHi | 7.15 |
| Scruff | 5.6022 |
| Skype | 8.34 |
| Snapchat | 10.45.1.0 |
| Swarm | 6.1 |
| Taxify | CI.3.61 |
| Telegram Messenger | 5.0.17 |
| Text Me Up | 3.15.3 |
| Text Me! | 3.15.3 |
| Text Now | 9.1.0 |
| textPlus | 7.3.9 |
| Threema | 4.0.1 |
| TigerText | 7.9.1 |
| Tinder | 10.2.1 |
| Twitter | 7.36 |
| Uber | 3.326.10002 |
| Viber | 9.8.5 |
| Vkontakte | 5.4 |
| Waze | 4.45 |
| WeChat | 6.7.4 |
| Weibo | 8.11.1 |
| WhatsApp | 2.18.102 |
| Yandex Browser | 18.10.3.114 |



| | |
|-------------|--------|
| Yandex Mail | 3.71.1 |
| Yandex Maps | 10.5.6 |
| Yubo | 3.9 |
| Zalo | 181103 |

Android: New and updated apps

| 65 updated apps | |
|-----------------------|---------------------------|
| ASKfm | 4.29.2 |
| Booking.com | 16.4.1 |
| Coco App - Dorado App | 7.6.1 |
| DJI GO 4 | 4.3.4 |
| Dropbox | 120.2.2 |
| Expedia | 18.46.1 |
| Facebook | 198.0.0.53.101 |
| Facebook Messenger | 192.0.0.31.101 |
| Firefox | 63.0.2 |
| Fitbit | 2.83 |
| Flipboard | 4.2.5 |
| Gmail | 8.10.21.220187835.release |
| Google Calendar | 6.0.8-220605953-release |
| Google Docs | 1.18.442.01.45 |
| Google Drive | 2.18.432.04.45 |
| Google Maps | 10.3.2 |
| Google Photos | 4.5.0.220874418 |
| Google Translate | 5.25.1.RC06.220517201 |
| Grindr | 4.5.1 |
| Hot or Not | 5.90.0 |
| Instagram | 71.0.0.18.102 |
| Kakao Story | 5.4.0 |
| KakaoTalk | 8.1.2 |
| Keeper | 14.0.0 |
| KeepSafe | 9.21.0 |
| Kik Messenger | 14.10.0.16873 |
| LINE | 8.17.1 |
| LinkedIn | 4.1.244 |
| LOCX Applock | 2.3.1.061 |



Release Notes

| | |
|----------------|-------------------|
| Mail.Ru | 8.1.0.25690 |
| MeetMe | 13.6.1.1605 |
| Odnoklassniki | 18.11.14 |
| OkCupid | 23.0.0 |
| One Drive | 5.20 |
| Opera Mini | 37.2.2254.133143 |
| Opera Mobile | 48.2.2331.133274 |
| Outlook.com | 2.2.252 |
| Pinterest | 6.89.0 |
| Pokemon GO | 0.127.2 |
| SayHi | 7.06 |
| Scruff | 5.6021 |
| Skout | 6.1.0 |
| Skype | 8.34.0.72 |
| Snapchat | 10.45.5.0 |
| Swarm | 6.1.1 |
| Sygic | 17.4.22 |
| Text Me Up | 3.15.2 |
| Text Now | 6.2.0.3 |
| textPlus | 7.3.9 |
| TigerText | 7.9.2.626 |
| Tinder | 10.1.0 |
| Tumblr | 12.1.0.01 |
| Twitter | 7.71.1-release.15 |
| Uber | 4.236.10001 |
| UC Browser | 12.9.7.1153 |
| Viber | 9.8.5.13 |
| VIPole | 2.0.0 |
| Vkontakte | 5.22 |
| Voxer | 3.18.18.21046 |
| Waze | 4.45.0.8 |
| Weibo | 8.11.1 |
| WhatsApp | 2.18.341 |
| Yandex Browser | 18.10.0.1012 |
| Yandex Mail | 4.10.1 |
| Zalo | 18.10.04 |



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) |
|------------------------|----------------------------------|------------------------------------------------------------------|
| UFED Physical Analyzer | 6cc710912528b9a6e8137c92020694ca | 6f593bb3d46b28ebd165a6d6eaa9fbaa6d5431997c5c5746617dc3a1dd667df8 |
| UFED Logical Analyzer | eff0ab5ed5c883055f22daf3a6ff3517 | d0cf4c67bb1fd2fcfe1da21b18e9a7fc72fad2fd4132f7af1ee99a51d52d92ba |
| Cellebrite Reader | a3e547ff8b313b44c0d1abdce5591e4f | 8c26df9b0b47fec598bc53326d1c16b336d569ecce0baa89ee5b9c3ba9b48558 |

