



Oxygen Forensic[®] Detective

Release notes

Version 15.5.1
July 2023



The latest update to our all-in-one solution is here, Oxygen Forensic® **Detective** v.15.5.1. This version introduces the following key features:

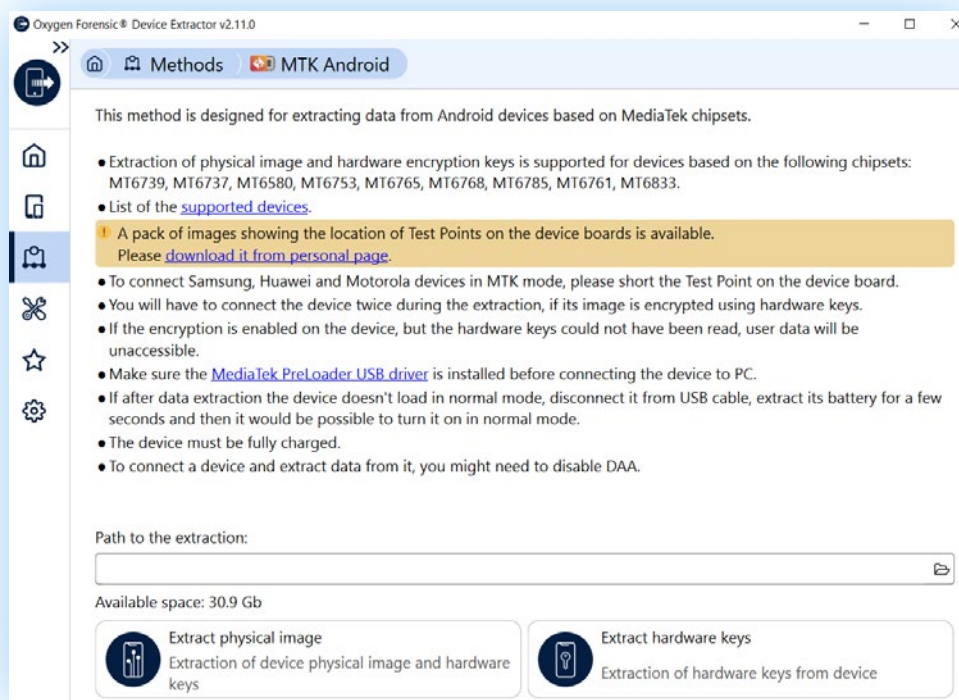
- Support for the MT6833 chipset
- Parsing of the AWS Wickr app
- Activity Matrix in the Maps section
- New smart filter in the Timeline section

For a full list of updates, refer to the “What’s New” file in the Oxygen Forensic® Detective “Options” menu.

Mobile Forensic Updates

Support for the MT6833 chipset

Oxygen Forensic® Detective v.15.5.1 offers extraction of hardware keys and decryption of Android devices based on the MT6833 chipset, having File-Based Encryption (FBE) and running Android OS 10–13. Our support covers Samsung, Xiaomi, Oppo, Realme, Vivo, and Motorola devices.



Other Extractor updates

Our updated Oxygen Forensic® Device Extractor introduces several other enhancements:

- Added the ability to extract the full file system and keychain via checkm8 from Apple iOS devices with iOS version 15.7.7.
- Updated extraction via iOS Agent from iPhones running iOS versions 15.0 – 15.4.1.
- Updated Kik and Discord data extraction via Android Agent from unlocked Android devices.
- Updated data extraction via Android Agent from Huawei devices running HarmonyOS.

App support

We've added support for the following new apps:

- AWS Wickr (iOS, Android)
- Samsung Email (Android)
- Vivaldi Browser (Android)

The total number of supported app versions now exceeds 39,900.

Import Updates

In Oxygen Forensic® Detective v.15.5.1, we added the ability to import the following images:

- Physical dumps of Android OS devices based on the MT6833 chipset and having TEE Microtrust and F2FSCrypt.
- Physical dumps of Android OS devices based on the MT6833 chipset and having TEE TEEGRIS and F2FSCrypt.
- Physical dumps of Android OS devices based on MT6768 chipset and having F2FSCrypt and hybrid TEE Kinibi + TEEGRIS.
- Physical dumps of Android OS devices based on the MT6580 chipset and having TEE T6, F2FSCrypt, and metadata encryption.
- UFED backups of CLBX format.

Cloud Forensic Updates

We updated the ability to authorize in Google services and Twitter.

Computer Artifacts

New and updated artifacts

With the updated Oxygen Forensic® KeyScout, users can collect the following new artifacts:

- The permissions given by macOS applications
- The background app activity from Windows
- The history of recently opened files from Linux
- The secret DPAPI password from Windows accounts linked to Microsoft accounts
- ICQ data from Windows, macOS, and Linux
- FileZilla data from Windows, macOS, and Linux
- Spark data from Windows
- Discord data from Linux
- Discord messages and cookies from Windows and macOS

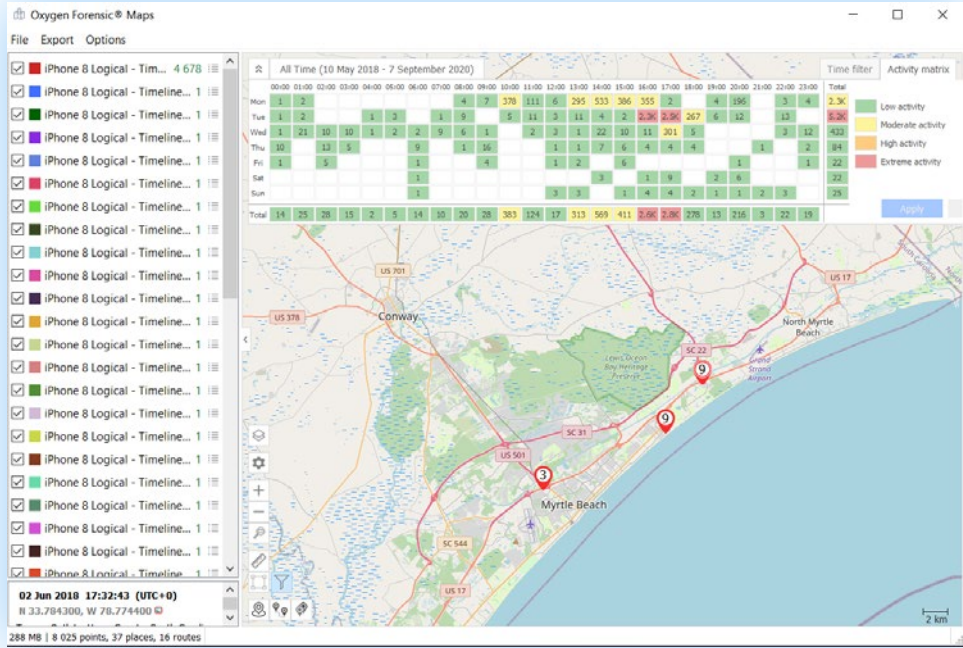
Updated artifact support includes:

- Data about network interfaces from Windows
- Spark data from macOS

Data Analysis Updates

In Oxygen Forensic® Detective v.15.5.1, we included several enhancements for our analytical tools:

- Maps. Added the Activity Matrix for geo coordinates. Now you can further analyze the geo location data and determine the peaks of user activity.
- Timeline. Added a new smart filter. Now you can quickly filter and view the events that happened before and after the events marked with tags.
- Timeline. Added the ability to filter by seconds, minutes, and hours in the time filter.



Interested in trying out Oxygen Forensic® Detective v.15.5.1?

Request a free trial