



Oxygen Forensic[®] **Detective**

Release notes

Version 16.1
December 2023



The latest update to our flagship solution is here, Oxygen Forensic® **Detective** v.16.1. Key features include:

- Passcode brute force for computer partitions and applications
- Integrated translation tool
- Import of Instagram account copy
- Support for the UNISOC SC9863A chipset
- Access to the WhatsApp QR Multi-Device service via phone number

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

General

Integrated translation tool

A new translation tool is now integrated into Oxygen Forensic® Detective, at no additional cost. It supports 20 language pairs and allows translation of messages in the Applications, Messages, and Timeline sections. Translated messages can be also exported to data reports.

Mobile Forensic Updates

Support for the UNISOC SC9863A chipset

Support for the UNISOC SC9863A chipset was added. You can extract data from screen-locked Android devices based on this chipset and running Android OS 10–13. Supported models include Lenovo K13, Motorola Moto E6i, Motorola Moto E7i Power, Nokia C01 Plus, Nokia C12, Realme C30s, Samsung Galaxy A04, and ZTE Blade A31.

Support for the MT6893 and MT6853 chipsets

We’ve added support for two more Mediatek chipsets – MT6893 and MT6853. You can extract hardware keys and decrypt physical dumps of screen-locked Android devices that include the following models: Huawei Enjoy 20 5G, Huawei Nova 8 SE Standard, Motorola Edge 20 lite, OPPO K9 Pro 5G, Realme GT Neo 2T, Samsung Galaxy A32 5G, Samsung Galaxy Jump, Xiaomi 11T, and ZTE S30.

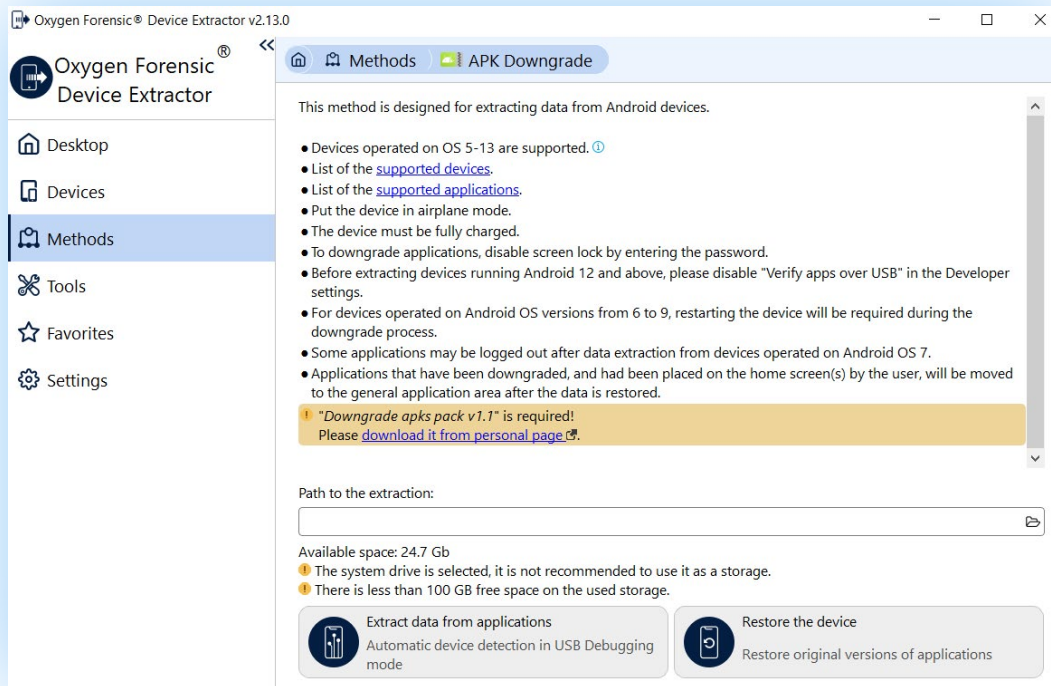
Enhanced Full File System extraction for Android devices

We updated our Full File System extraction method for Android devices and it is now compatible with devices that have the Security Patch Level (SPL) no later than October 2022.

Enhanced APK Downgrade method

The list of applications supported by the APK downgrade method has been extended. The following new apps have been added: Baidu Browser, BBM, Like, Maxthon Browser, Opera, Puffin, Shareit, Snapchat, Tiktok, Truecaller, Tumblr, Zangi, Zello, and Zoom.

Moreover, you can now see the full list of supported apps in the initial window of the APK Downgrade method.



Extraction via iOS Agent for iPads

The new version enables you to extract the full file system and keychain via iOS Agent from iPads based on the A8 – A15, M1, and M2 chipsets and running iPadOS 15.0 – 15.7.3 and 16.1 – 16.5.

New app support

We added support for the following new apps:

- Bitwarden (Android, Apple)
- Trello (Android, Apple)
- Message+ (Apple)

The total number of supported app versions now exceeds 44,300.

Import Updates

Import of Instagram account copy

Oxygen Forensic® Detective v.16.1 allows the import and parsing of Instagram data that can be downloaded following these instructions. Our software supports both HTML and JSON formats of Instagram account data files. Parsed data will include the account info, chats, followers, comments, likes, Threads account data, and many other available categories.

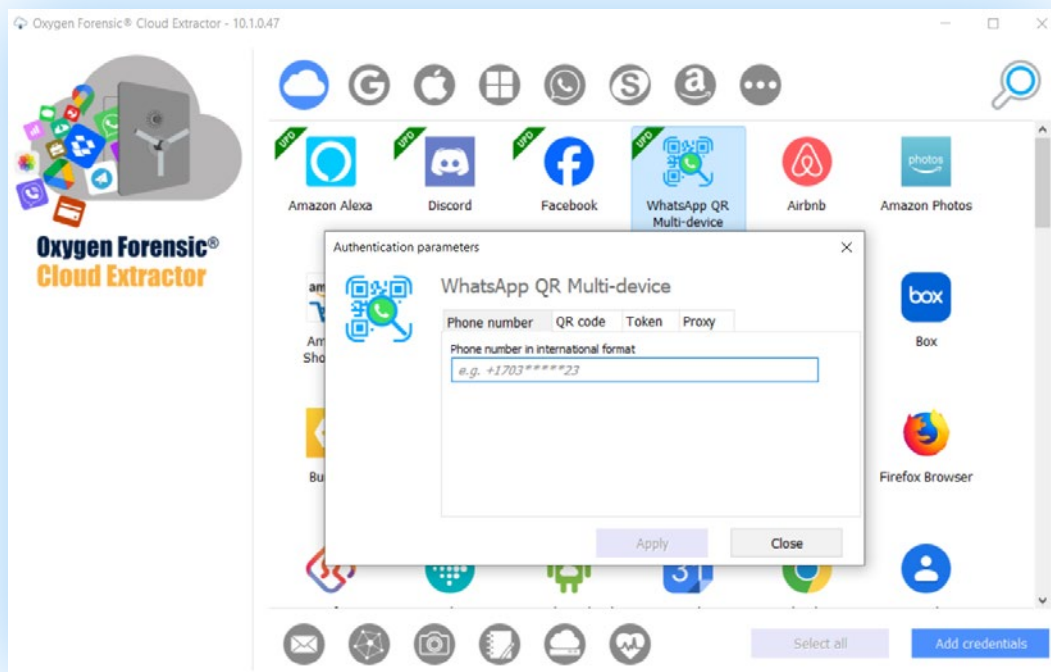
Import of FFS extractions of MDF (MD-Next)

You can now import and parse logical FFS extractions of MDF (MD-Next) software.

Cloud Forensic Updates

Access to WhatsApp QR Multi-Device service via phone number

Previously, our software enabled access to the WhatsApp QR Multi-Device service by scanning a QR code or via token. Now you can also access it via phone number. Enter the phone number in the Cloud Extractor and insert the code in the WhatsApp app on a mobile device.



Facebook data extraction via iOS token

Now you can access Facebook cloud data via Facebook token extracted from an Apple iOS device.

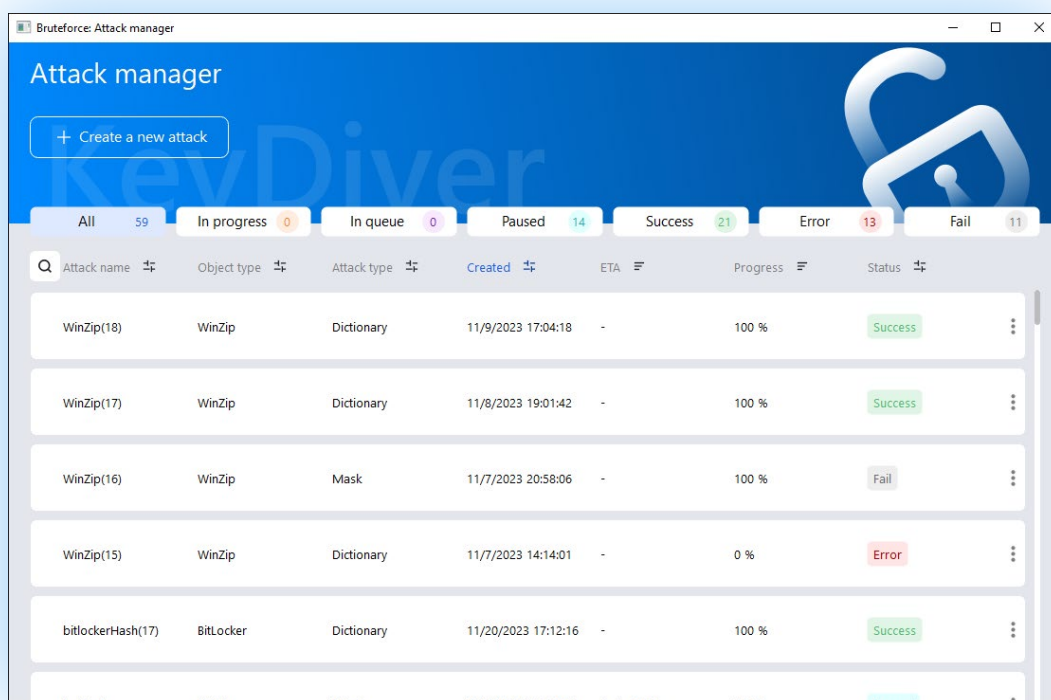
Computer Artifacts

Passcode brute force module

A passcode brute force module, Oxygen Forensic® KeyDiver, is now available at no additional charge. With this module you can find passcodes to decrypt encrypted partitions, files, and applications:

- partitions protected with BitLocker
- partitions protected with FileVault 2
- encrypted ZIP files
- passcode-locked Telegram app
- encrypted Apple Notes

The list of supported partitions and applications is ever-growing. You can create an attack method using a dictionary, mask, or a user's personal data from an extraction.



Deleted data recovery from NTFS

We added the ability to recover deleted files from NTFS if KeyScout runs with the escalated privileges. To recover deleted data from partitions, select them in the Drives and partitions section of KeyScout.

Support for AFF4 and VHDX formats

You can now import and parse computer images of AFF4 and VHDX formats. For a VHDX format, snapshots are also supported.

New artifacts

The updated Oxygen Forensic® KeyScout enables users to collect the following new artifacts:

- Information about recently used applications, documents, servers, partitions, and other objects of macOS.
- LibreOffice data from Windows, macOS, and GNU/Linux.
- Exodus data from Windows, macOS, and GNU/Linux.
- Todoist data from Windows, macOS, and GNU/Linux.
- Stories of public channels and quoted messages from Telegram for macOS.
- OneDrive data from Windows and macOS.
- Slack data from Windows, macOS, and GNU/Linux.

Interested in trying out Oxygen Forensic® **Detective v.16.1?**

[Request a free trial](#)