

# Oxygen Forensic KIT

## **Mobile Data Extraction**

Data extraction from devices running iOS, Android OS, Windows Phone OS, BlackBerry OS as well as Chinese and feature phones.

Device backups and images can be decoded: iTunes, Android and BlackBerry backups, Android and Windows Phone JTAG images, Blackberry 10 Chip-off image etc.

Methods to bypass or disable screen locks on the most popular mobile devices.

Passwords can be automatically found to encrypted device backups and images.

Should acquires the complete evidence set from devices and backups: contacts, messages, calls, calendar, file system, data from applications (300 uniuq apps and 1000 app versions) and recovers deleted data.

## **Cloud Data Extraction**

Extract and analyze data from multiple sources: mobile devices, their backups, cloud services and call data records.

Allow the bypass of screen lock passcodes, locate passwords to encrypted backups, extract data from secure applications as well as recover deleted information.

Mobile device, cloud and CDR extractions

Determine common locations and contacts for several devices, view all events in a chronological order

## **Acquires data from cloud storages:**

iCloud contacts and calendar, Google Drive, Google Location History, Live contacts and calendar, OneDrive, Dropbox and Box as well as from a wide range of social media including Twitter and Instagram.

After the cloud data is acquired it can be viewed and merged with other extractions for deep data analysis in Timeline, Social Graph and other analytical tools.

## **Geo mapping**

Acquires geo coordinates from all possible sources including mobile devices, cloud storage, media cards, and imported images.

Once analyzed, the data can be viewed within both online or offline maps

Offers advanced analytical capabilities for geo data including:

- Identify device owner's frequently visited places
- Visualize user's movements within specified period of time
- Pinpoint common locations of several device users
  - Smoothly work with large data sets of geo points

## **Call Data Records import**

Allows the import of call data records of any format received from wireless providers and conveniently guides the expert through the process of CDR importing and field mapping, easily converting the data to unified format.

Once converted, it should allow forensic experts to analyze the processed CDR files and easily determine direct and indirect links between selected callers in a visual graph. The processed results can be saved as evidence for further analysis.