



# Oxygen Forensic<sup>®</sup> Detective

Oxygen Forensic<sup>®</sup> Detective is all-in-one forensic software to extract and analyze data from multiple sources: mobile devices, their backups, cloud services and call data records. Leading edge technologies deployed by Oxygen Forensics 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 are merged together in a single intuitive GUI with rich analytical capabilities: determine common locations and contacts for several devices, view all events in a chronological order and much more.

## Mobile Data Extraction

Oxygen Forensic<sup>®</sup> Detective offers live data extraction from over **11,000 unique 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.

Oxygen Forensic<sup>®</sup> Detective offers several methods to **bypass or disable screen locks** on the most popular mobile devices. Passwords can be automatically found to encrypted device backups and images.

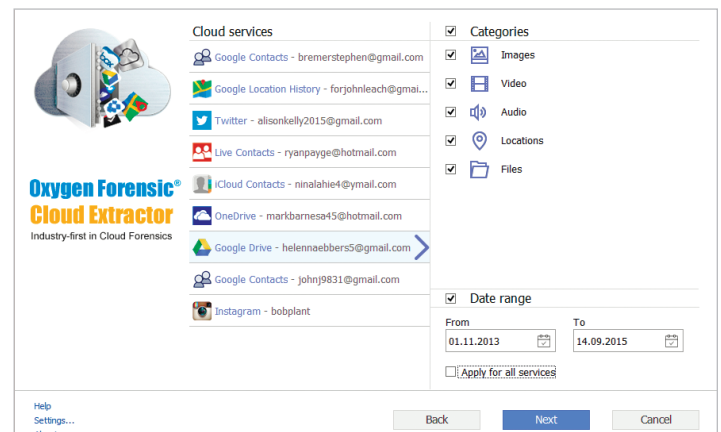
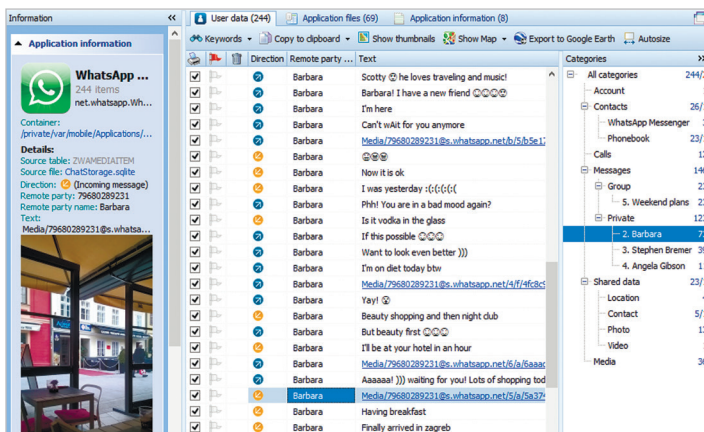
Oxygen Forensic<sup>®</sup> Detective acquires the complete evidence set from devices and backups: contacts, messages, calls, calendar, file system, data from applications (**300 unique apps and 1000 app versions**) and recovers deleted data.

## Cloud Data Extraction

Oxygen Forensic<sup>®</sup> Detective acquires data from more than **15 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.

Forensic experts may utilize either account **credentials or token** to enter the cloud account to acquire the cloud data. Extracted credentials and tokens from a mobile device are organized and displayed in the Passwords section of Oxygen Forensic<sup>®</sup> Detective.

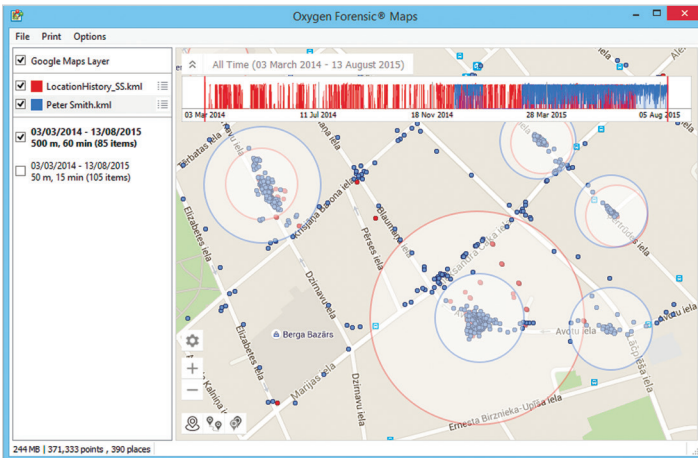
After the cloud data is acquired it can be viewed in Oxygen Forensic<sup>®</sup> Detective and merged with other extractions for deep data analysis in Timeline, Social Graph and other analytical tools.



# Geo mapping

Oxygen Forensic® Detective 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. The **brand-new Oxygen Forensic® Maps** offers advanced analytical capabilities for geo data including:

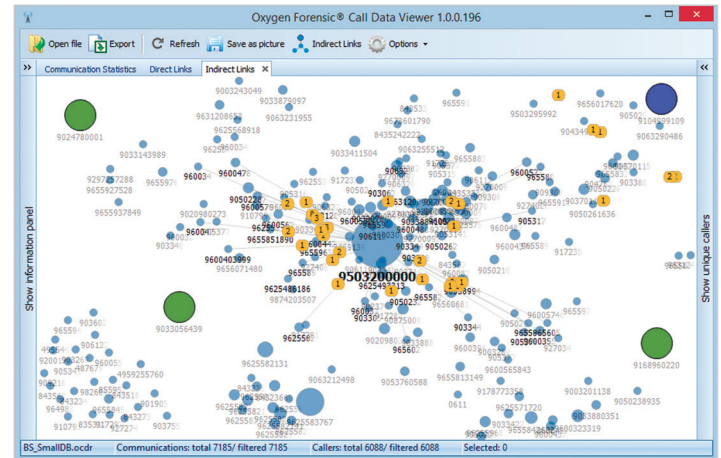
- Identify device owner's frequently visited places
- Visualize user's movements within specified period of time
- Pinpoint common locations of several device users
- Smoothly work with large data sets of geo points



# Call Data Records import

Oxygen Forensic® Detective 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 Oxygen Forensic® Detective's unified format.

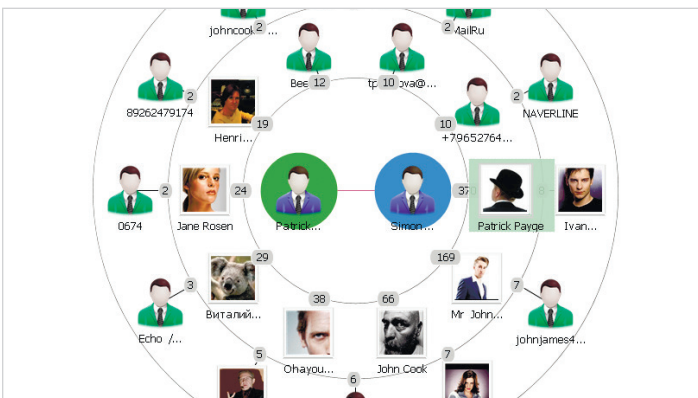
Once converted, Oxygen Forensic® Detective allows forensic experts to analyze the processed CDR files and easily determine **direct and indirect links** between selected callers in a visual graph. The processed results can be saved as evidence for further analysis.



# Data Analysis

Oxygen Forensic® Detective includes a wide range of **built-in analytical tools:**

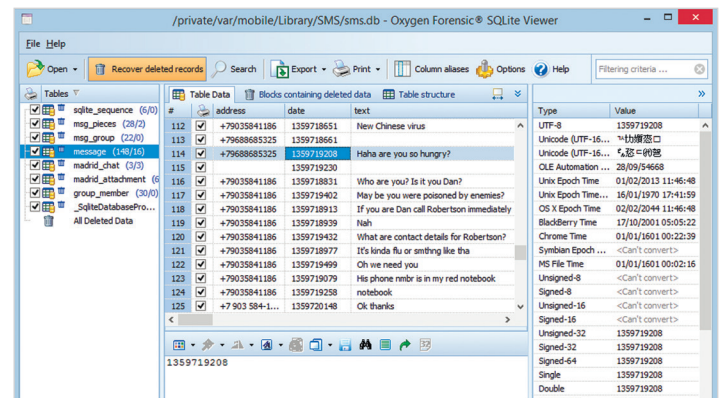
- Timeline - all device or case events in a chronological order.
- Social Graph - users' social connections and common contacts.
- Aggregated Contacts - merged contacts from all case and/or device sources.
- Watch Lists and Search - customized searching during and after extraction.
- Key Evidence - bookmarking all important evidence.
- Data export to popular formats: PDF, RTF, XML, etc.



# Built-in Viewers

Oxygen Forensic® Detective offers several **included data viewers:**

- Oxygen Forensic Viewer. A stand-alone tool for viewing and sharing data collected with other Oxygen Forensic® products.
- Oxygen Forensic SQLite Viewer. It offers advanced functionality: built-in converter for dates and texts, deleted records recovery, searching of the database, execute SQL queries and much more.
- Oxygen Forensic Plist Viewer. The tool allows to conveniently examine Plist files.



Founded in 2000, Oxygen Forensics is the worldwide leading maker of the advanced forensic data examination tools for mobile devices. The company is dedicated in delivering the most universal forensic solution covering the widest range of mobile devices running Android, iOS, Blackberry, Windows Phone, Symbian and other operating systems. Oxygen Forensics customers include various US and European federal and state agencies, such as the IRS, US Army, US Department of Defense (DOD), US Department of Justice, US Department of Homeland Security, US Department of Transportation, US Postal Service, US Supreme Court, European Commission, London Metropolitan Police, French National Police and Gendarmerie, German Federal Criminal Police Office, Italian Financial Guard, Spanish Civil Guard as well as Big Four companies, like PricewaterhouseCoopers, Ernst & Young and many others.