



OXYGEN
FORENSICS

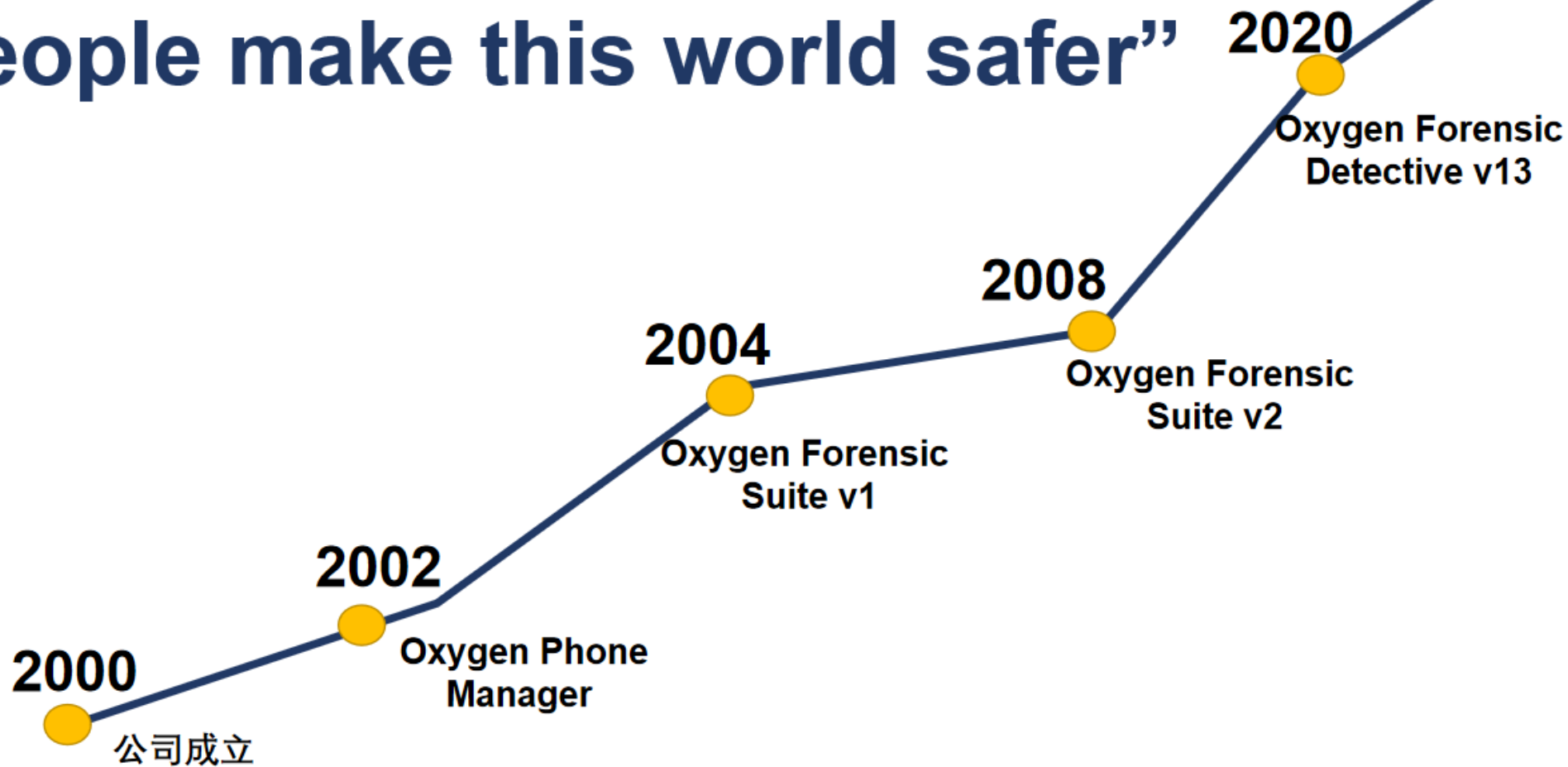
弘德网
—www.ihongde.com—

氧气OFD

特色功能介绍



氧气发展史 “Helping good people make this world safer”



行业优先进入 以下技术领域:

- 2020 致力于锁屏解锁以及物理数据提取
- 2019 致力于加密即时通讯工具解析
- 2018 WhatsApp 解密提取技术手段推出
- 2018 支持无人机物理提取及云端数据提取
- 2018 支持通过KeyScout提取计算机数据
- 2014 云端数据提取
- 2010 时间线
- 2004 OxyAgent诞生



氧气用户

- 用户覆盖超过全球150个国家
- 美国用户:
 - IRS
 - FBI
 - Department of Defense
 - Department of Justice
 - Department of Homeland Security
 - Supreme Court
- 国际用户:
 - European Commission
 - Interpol
 - London Metropolitan Police
 - German Federal Criminal Police Office
 - Italian Financial Guard
 - Spanish Civil Guard and many others.

氧气智能数据提取工具
(提取移动设备和无人机数据)



氧气 KeyScout
(支持提取计算机中的用户数据和
和秘钥文件)



**氧气智能
云数据提取器**



氧气OFD
氧气OFD软件一价全含多个智
能提取模块



数据分析
(智能统计, 社会关系图, 时间线, 图像
人工智能分类识别)

基站数据分析模块



智能报告生成



The background features a smartphone on the left with a Facebook login page on its screen. To the right of the phone, wooden letter tiles are arranged to spell out 'SOCIAL MEDIA'. The overall scene is overlaid with a dark blue semi-transparent filter.

移动终端数据 数据提取

支持39,690 款设备型号

NOKIA
Connecting People

Qualcomm

symbian



Windows Mobile logo, featuring the four-pane window icon in orange, green, and blue.
Windows
Mobile

MEDIATEK

Spreadtrum logo, a blue square with a white stylized 'S' shape.
SPREADTRUM

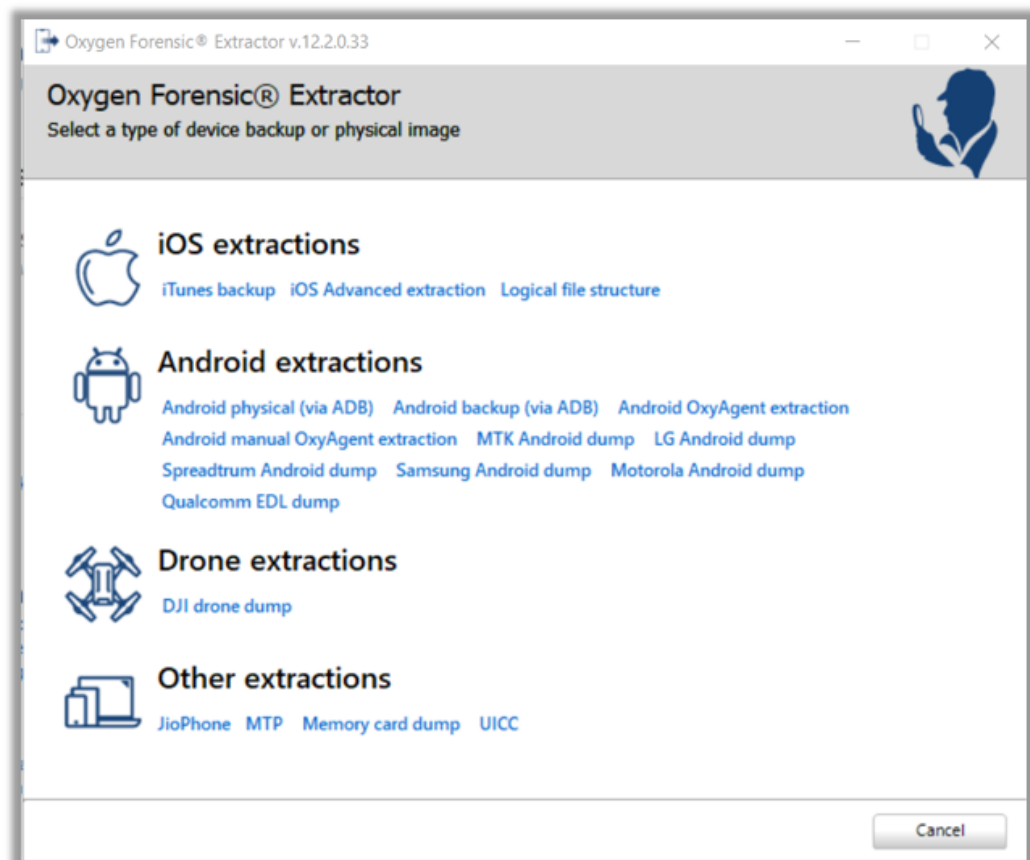
移动终端数据提取：提取手段

- 通过数据线实时数据提取*

- 逻辑提取
- 物理提取

*支持多设备并行提取

- 备份导入方式
- 镜像导入方式
- SIM卡提取
- 多媒体卡提取
- 智能手表提取



移动终端数据提取：提取手段

iPhone

- iTunes 备份 (NJB)
- 直连提取 (JB)
- 备份导入

android

- 物理提取
- ADB备份
- 氧气引擎提取方式
- 备份/镜像导入

Android 锁屏密码绕过能力:



- Samsung
- Motorola
- LG
- 支持以下芯片组:
 - Qualcomm
 - Mediatek
 - Spreadtrum
 - Kirin
 - Exynos

Qualcomm 芯片: EDL 方式绕过


- 支持 26个不同品牌的500+设备
- Dump文件解密
- 支持上传第三方BL文件



MEDIATEK芯片：支持锁屏绕过和物理提取

- 支持60+芯片型号
- 支持硬件级和软件级加密
- 支持上传第三方BL文件

Oxygen Forensic® Extractor
No driver is found for MTK Android device



How to setup MediaTek Android device drivers

This PC has no MTK Preloader driver installed. This driver is required for a successful device connection and data extraction.

1. Connect switched off device to PC.
2. Run [MTK Preloader driver setup procedure](#).
3. **Now reconnect device to PC.**

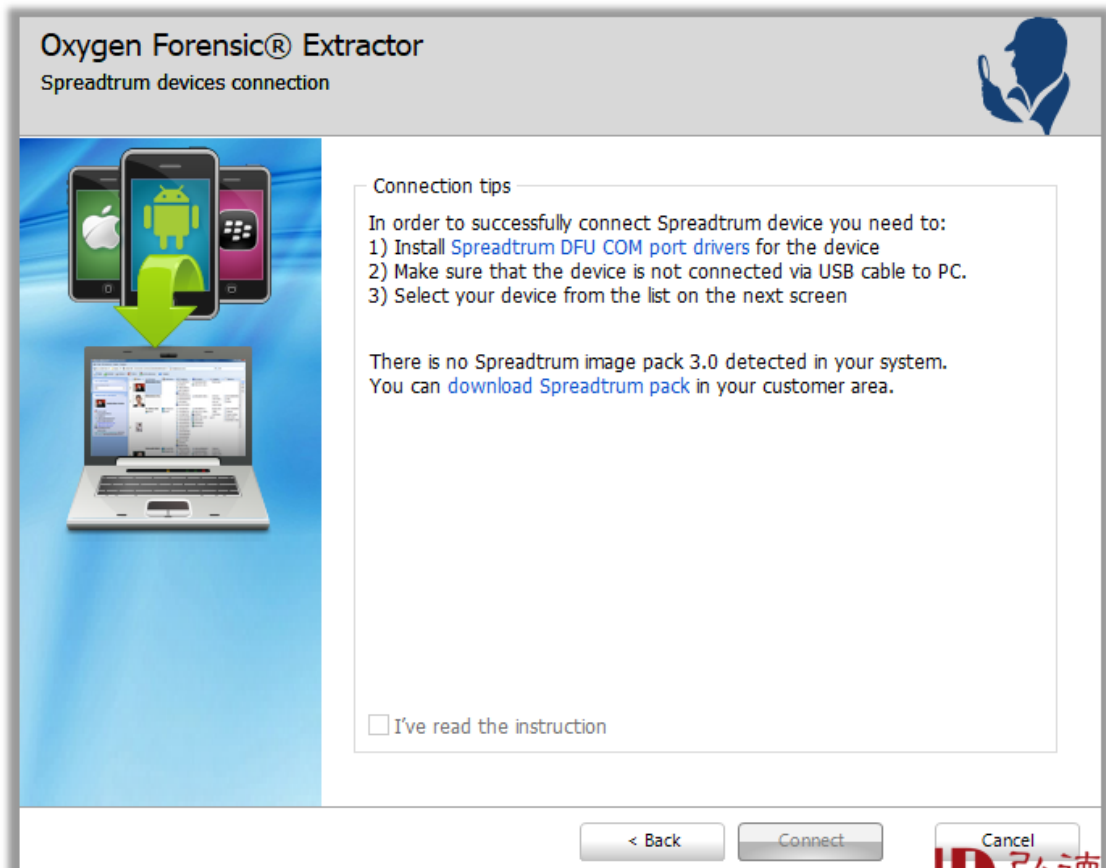
* Reconnection is required for new MTK Preloader drivers to be applied. It may take some time.
If the device is not detected within 5-10 minutes please repeat Step 2.

< Back Connect Cancel



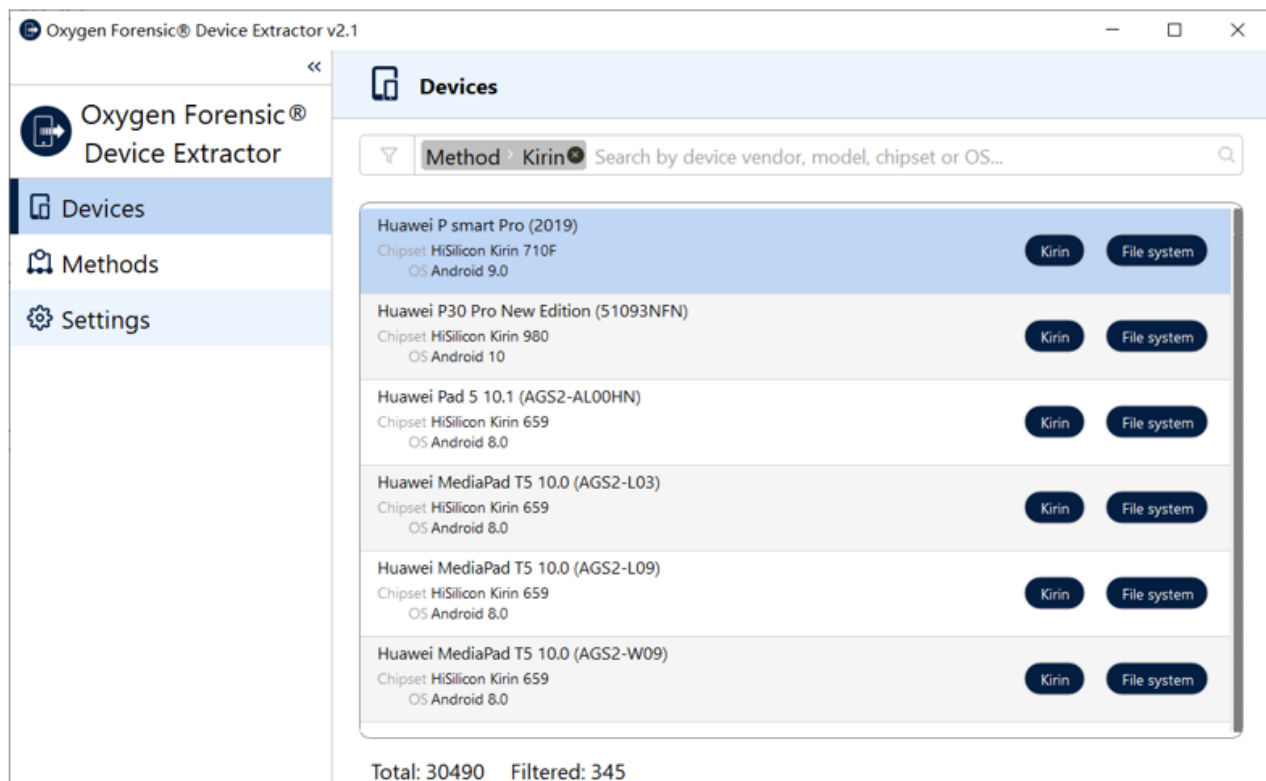
SPREAD TRUM 芯片：支持锁屏绕过和物理提取

- 支持 100+ 设备类型
- Dump 暴力破解
- 全新手段



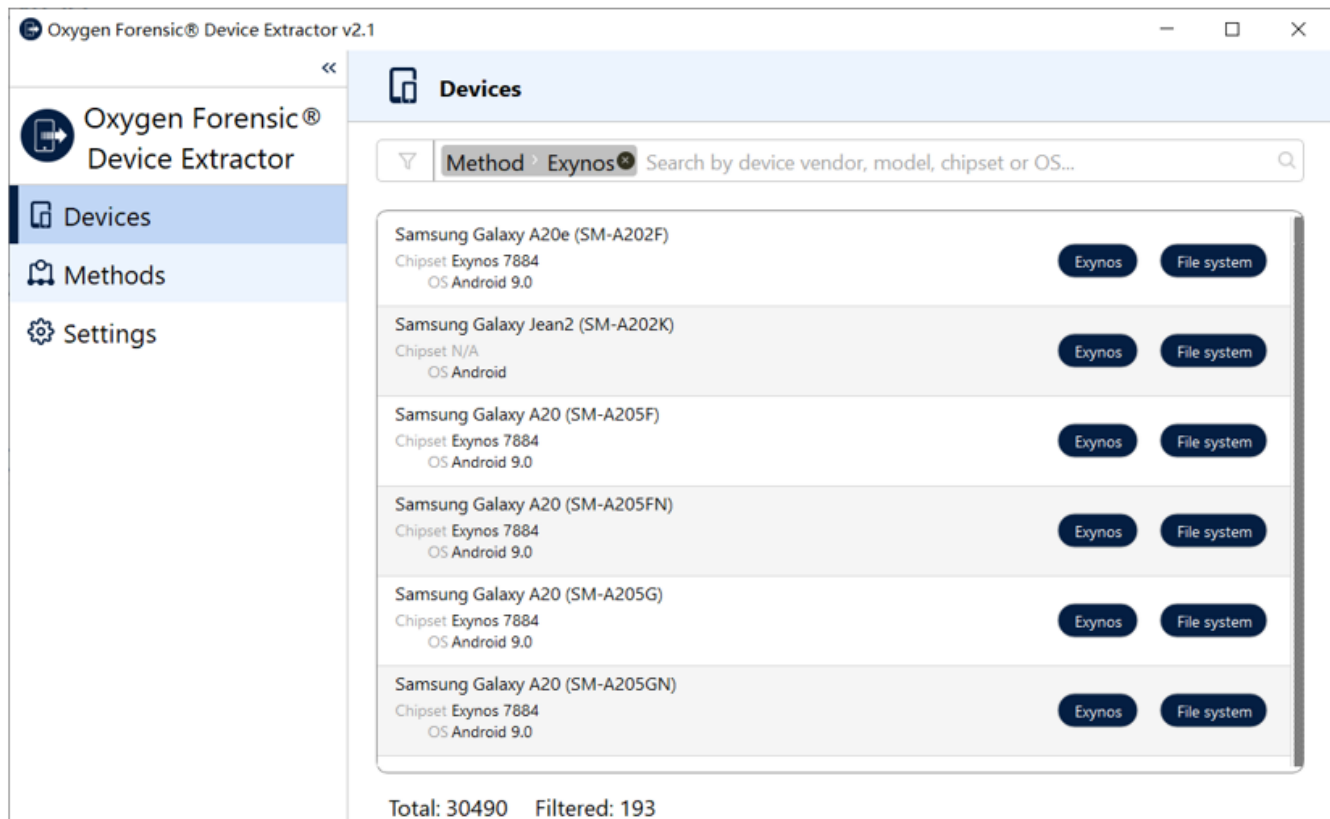
麒麟芯片：支持通过9008物理提取并暴力破密

- 支持最新至麒麟980
- 支持超过345款麒麟芯片型号手机
- 9008Dump 暴力破解
- 全新手段



三星Exynos芯片

- 支持最新至麒麟980
- 支持超过193款Exynos芯片型号手机

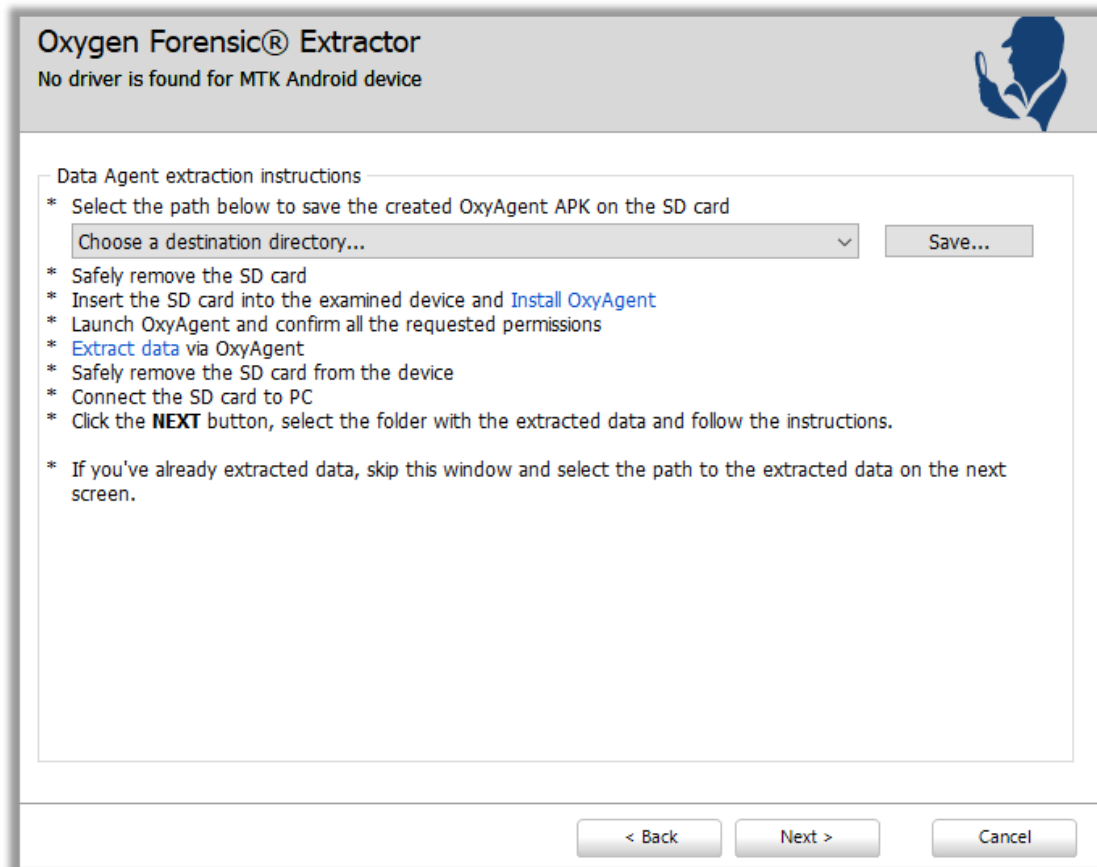


自动Root

- Android OS 1.6 - 2.3.4, 3.0 – 9.0
- 临时root (重启后解除)
- 支持检测已Root的设备



如果安卓手机无法通过USB连接:



备份导入: iOS



- iTunes备份
- Apple原生镜像格式
- UFED镜像
- GrayKey镜像
- XRY镜像
- 文件系统 tarball/zip
- DAR压缩文件

备份导入: **Android**



- Android ADB 备份
- Huawei 备份
- Xiaomi 备份
- Oppo 备份
- Android TOT 容器
- Android 物理镜像
- Android YAFFS2 镜像
- Nandroid (TWRP, CWM)
- UFED 镜像
- XRY 镜像
- 文件系统tarball/zip
- 文件系统文件夹
- DAR 压缩文档

发现备份和镜像的密码

- iTunes 备份
- Android 备份
- Android 镜像
- Huawei 备份
- iCloud 备份



Oxygen Forensic® Extractor
Password recovery. Please wait.

Please wait while **Passware Kit Mobile** program is searching for the image password. If you know the password, please stop the process and enter the password for the current image.

Current algorithm: **Passware Kit Attacks List** [change algorithm](#)

Estimated time: **Unknown**

Elapsed time: **00:00:14**

Backup file: **manifest.plist**

Backup folder: **D:\Oxygen backups\iTunes-iPhone4S\iTunes-password\bfbbd12eefa4b309e79d5679de8a818e5d458743**

Stop! I know the password

Help





SIM卡提取

- 实时数据和删除数据均可提取
- 通讯录，通话记录，短信，基站信息



多媒体卡数据提取

- 支持任意多媒体卡种类
- 支持实时数据和删除数据提取



智能手表提取

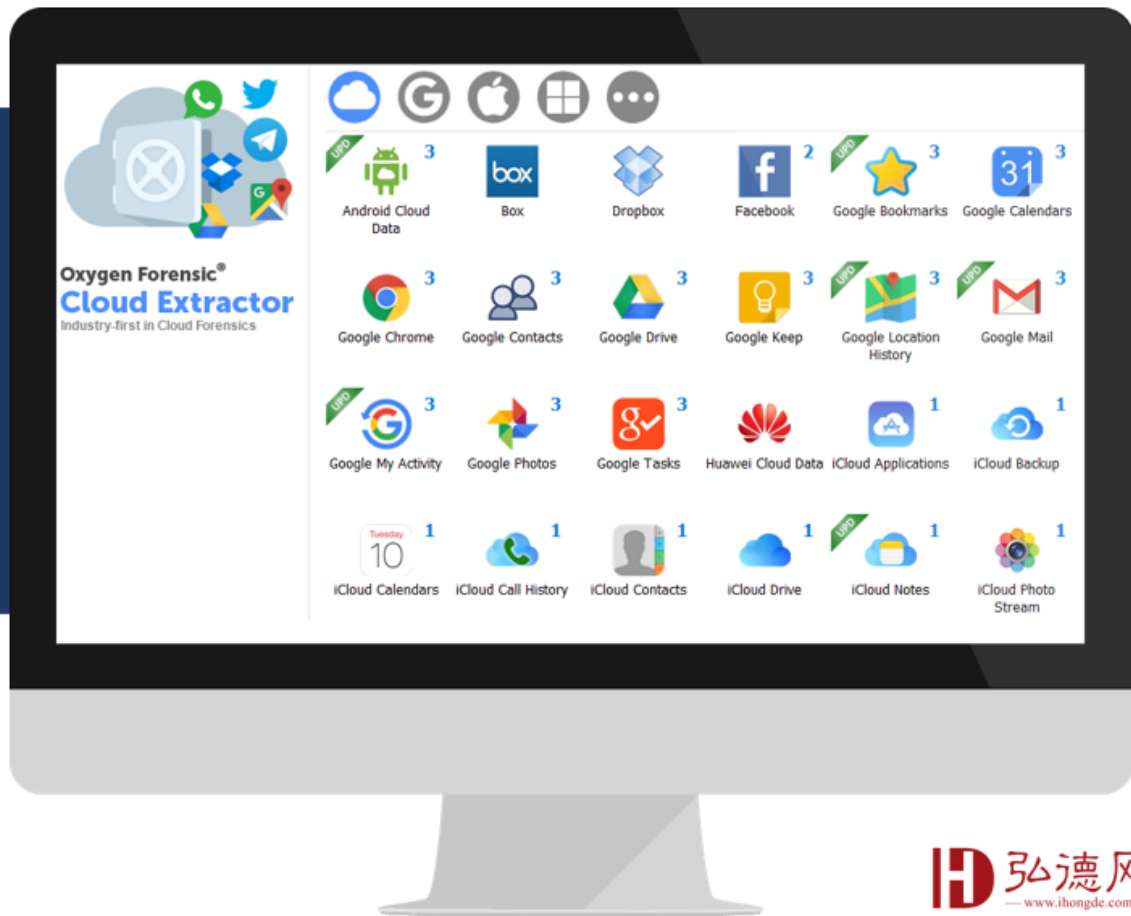
- 支持超过30+智能手表类型
- 基于联发科芯片
- 支持提取通讯录，通话记录，短信和多媒体文件



云数据 提取

首款针对云端数据取证的软件

支持提取92云数据服务商
支持绕过2FA



如何获取进入权限？

- 登录凭证
- 授权密钥
- 二维码

如何获取授权文件？

- 移动设备
- 计算机
- 社会关系分析



密码



- 适用于全部应用和服务
- 可以在多个渠道获取



- 账户所有者会收到提示
- 可能会涉及二次验证

密钥



- 账户所有者不会收到任何提示
- 不会触发二次验证 (2FA)



- 密钥有时效性

来自设备中的证书

Apple (逻辑):

来自钥匙串文件
来自应用程序或浏览器

Android (物理):

来自安卓秘钥商店
来自应用程序或浏览器

Oxygen Forensic Detective - Accounts and Passwords - L...

Extraction info | Export | Reset filters | View | Extract with Cloud Extractor | Save accounts data

Filters: Type (Account: 3, Password: 17, Token: 23)

Service	Source	Account	Password/Token
Amazon Alexa	Safari Browser		YXQbWfPb0QXR6YXk...
Apple	Keychain	amyivers353@icloud.com	12099246678iEAAcAAA...
BlaBlaCar	Keychain		069d8d5f-5f2c-470c-b4...
Booking.com	Booking.com	amyiversisgreat@gmail.com	b5106a80c3c46f2b5a10...
CoverMe	CoverMe	amyiversisgreat@gmail.com	Wlcox42
DJI	Keychain	amyiversisgreat@gmail.com	1113020104736858112...
Endomondo	Endomondo		3VRec2xERJGophE72_H...
Facebook	Keychain	100041732207377	EAAAAAYsk7T5BAAhT2P...
Facebook	Keychain	100041732207377	EAA0VPorzZBmcBAF2Uv...
Facebook	Safari Browser (https://m.fa...	amyiversisgreat@gmail.com	123tiredofpasswords!
Facebook	Azar	168852957322906	EAAEBdB5veaQBAlKZA...
Facebook	FaceApp	Amy Rivers	eyJ0eXAOJ3VJQLCjhb...
Google	Safari Browser (https://acco...	amyiversisgreat@gmail.com	Wlcox40
http://vsc0.co	Safari Browser (http://vsc0.co)	greatamyivers	Wlcox42
http://wechat.com	Safari Browser (http://wecha...	9998411697	Wlcox40
https://accounts.google....	Safari Browser (https://acco...		Wlcox42
https://box-n1.brosix.com	Safari Browser (https://box-...	Rivers	Wlcox42
https://discordapp.com	Safari Browser (https://disco...	amyiversisgreat@gmail.com	Wlcox40
https://login.yahoo.com	Safari Browser (https://login...	amyiversisgreat	Wlcox42
https://www.paypal.com	Safari Browser (https://www...	amyiversisgreat@gmail.com	Amy3rivers!
https://www.rememberth...	Safari Browser (https://www...	amyivers	Wlcox42
Instagram	Instagram		7692410223%3AXuqME...
KYMS - Keep your media s...	KYMS - Keep your media safe		1234
OneDrive	OneDrive	amyiversisgreat@outlook.com	EgAxAgMAAAAEgAAAD...
OneDrive	OneDrive	amyiversisgreat@outlook.com	EgAmAgMAAAAEgAAAD...
Samsung	Safari Browser (https://acco...	amyiversisgreat@gmail.com	Wlcox42
Samsung Health	Samsung Health	amyiversisgreat@gmail.com	evpomyjfdg:atsI SRNWit
TamTam	Safari Browser		TAMTAM:eyJkZjZjcmVx...
Textie	Textie	amyiversisgreat@gmail.com	Wlcox42
Twitter	Keychain		OTIkaZU0MzQ3MzE2NTI...
Uber	Keychain		3b757452560d1aa73a3f...
Viber Google Backup	Safari Browser (https://acco...	amyiversisgreat@gmail.com	Wlcox40

Version: 12.1.0.53 | Total: 90 | Filtered: 40 | Selected: 1

Details: Source section (Safari Browser), Source file (keychain-backup.plist), Service (Facebook), Account (amyiversisgreat@g...), Password (123tiredofpasswords!), Source (Safari Browser (https://m.facebook.com))

氧气OFD 秘钥勘察工具



通过计算机网页浏览器
和应用程序获取授权



获取来自即时通讯工具，
邮件客户端和网页浏览器
中的用户信息



通过获取系统文件进行
用户行为分析 (Jump文
件, Shell bag文件,
Prefetch文件等)



Wifi热点密码



iTunes备份自动识别

云数据



设备备份



存储文件



社交网络



通讯工具和邮件



照片



物联网设备



交通相关



健身数据



购物记录



网页浏览器



无人机数据

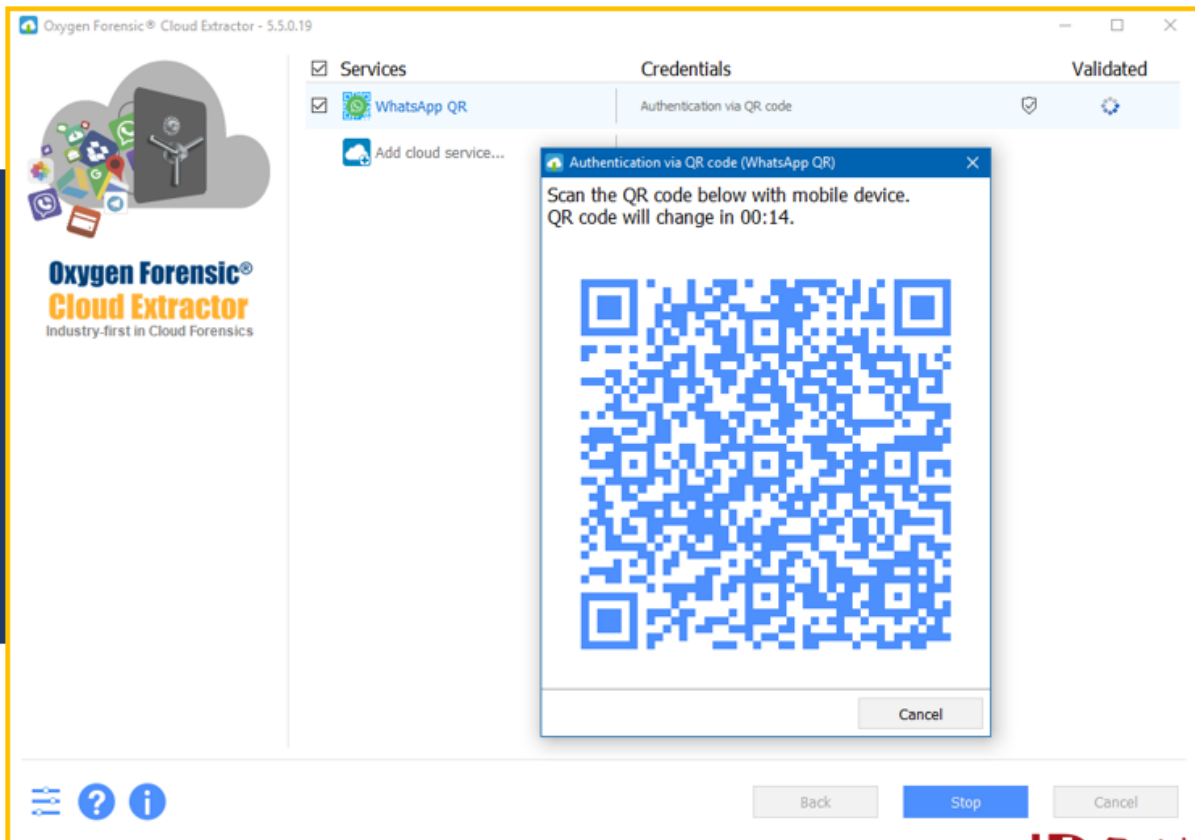


独有特色功能

技术手段和数据源

通过二维码进行快速提取

WhatsApp, Viber, Line,
LineKeep, Telegram,
Telegram Passport, 华为
云



计算机系统上的WhatsApp应用数据

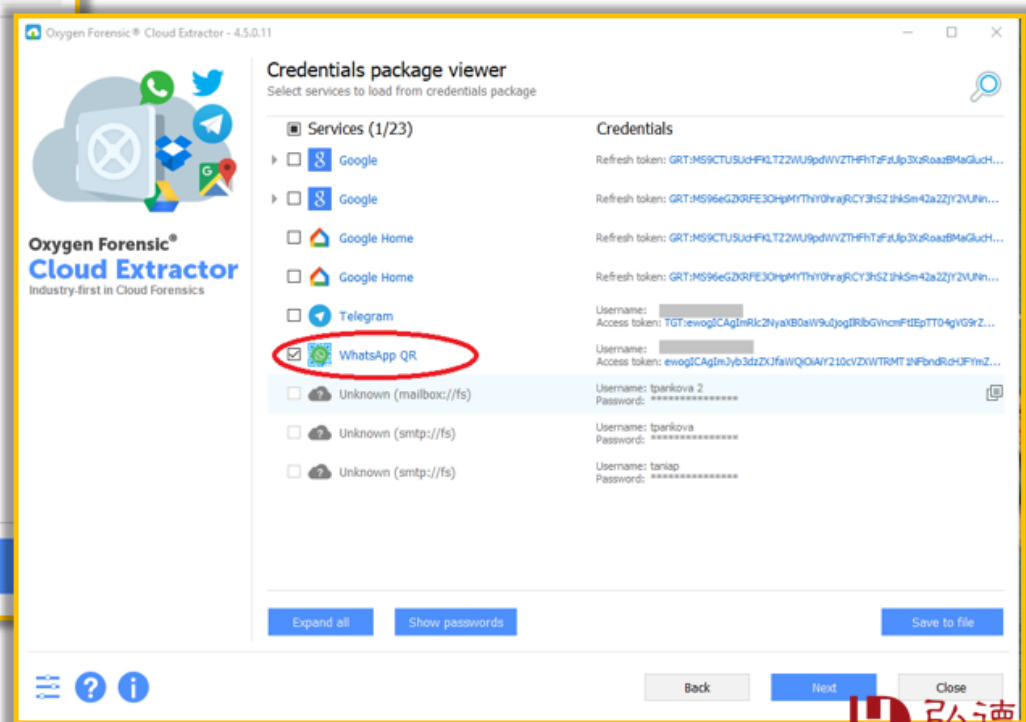
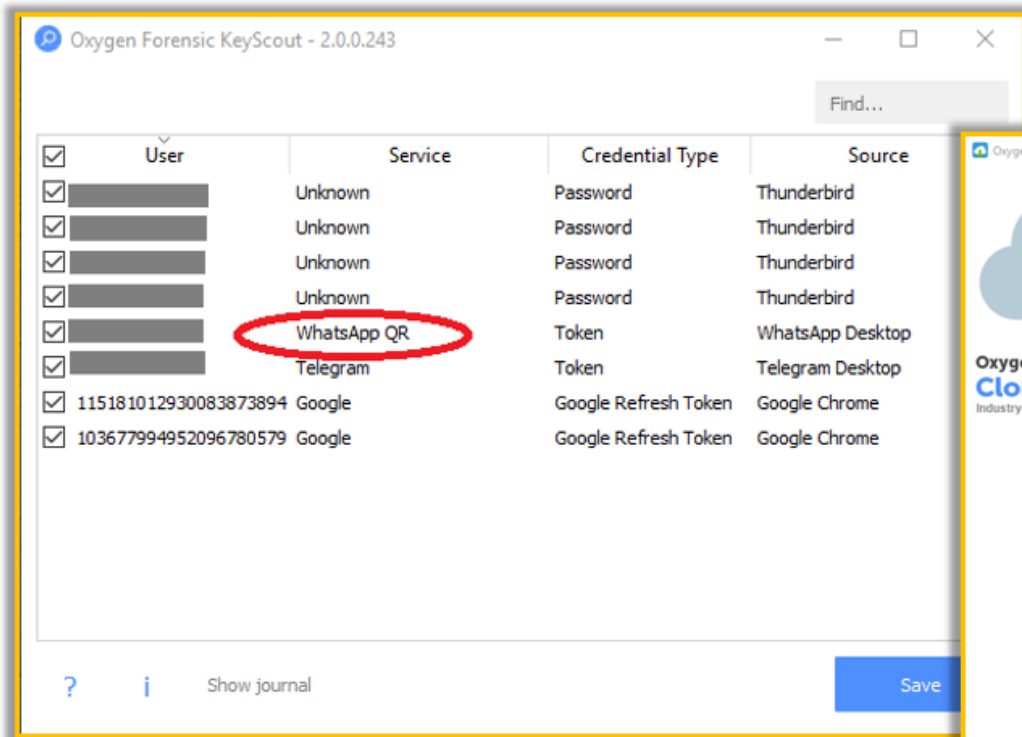
WhatsApp 网页版和 WhatsApp 计算机

- 设置 -> WhatsApp 网页版/计算机 -> 通过移动设备扫描二维码

计算机系统中任意的用户数据?

- 日志 (应用程序启动位置, 设备型号和操作系统版本)
- 没有短信息数据和通讯录
- 秘钥文件

Windows和Mac系统中的WhatsApp秘钥文件



获取WhatsApp/Viber服务器准入许可



通过手机号

Authentication parameters

WhatsApp Cloud

Phone number Token

Phone number in international format

*e.g. +1703*****23*

Apply Close

WhatsApp服务器数据

收取的信息和
附件

未接来电

Information
about
groups and
contacts
群组

广播信息

发件人删除的
信息

安卓设备重WhatsApp备份



如何备份

- 设置/聊天/在WhatsApp程序中选择备份

备份存储的形式

- WhatsApp_backup_手机号码_日期_时间

在哪里能找到备份文件

- WhatsApp\SD卡或其他地址的数据库文件夹

如何提取

- 支持通过MTP协议提取，无需物理提取权限

如何解密

- 使用内部存储中的密钥文件 (常规手段)

WhatsApp备份解密

Decrypt WhatsApp backup files

Step 1. Specify the encrypted databases

Please specify the WhatsApp backup encrypted databases retrieved from SD-card or the internal memory of an Android device.



One encrypted file found. Click "Next" to decrypt.

D:\Oxygen backups\WhatsApp backup\msgstore-2018-05-16.1.db.crypt12

Decrypt WhatsApp backup files

Step 2. Log in WhatsApp account associated with the backup

1. Select the authentication type.

 Phone number WhatsApp Cloud token

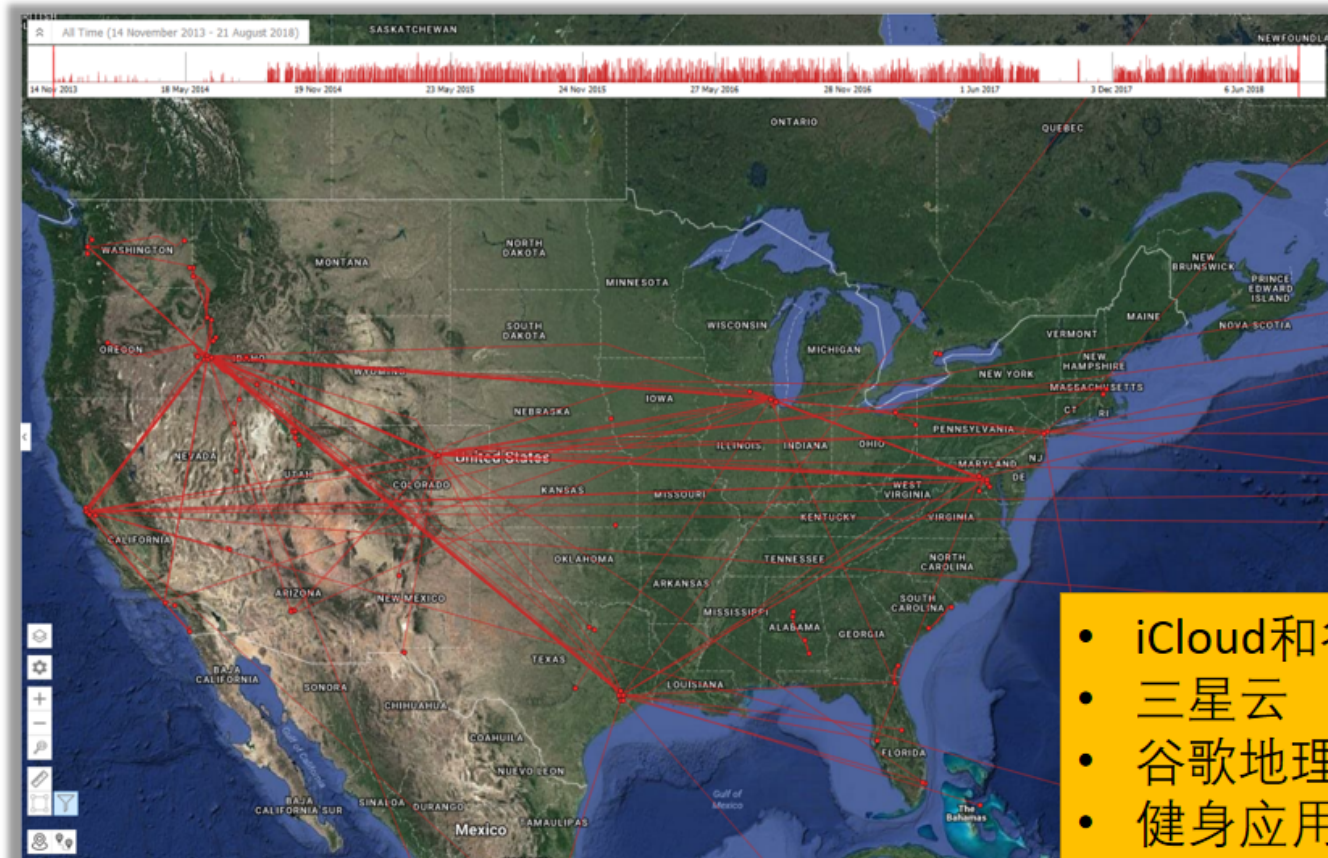
2. Type the phone number associated with the WhatsApp backup.

Warning: if you authenticate via phone number the associated device will be logged out of the WhatsApp account.

3. Specify the output folder and click the "Decrypt backup" button.



地理位置数据



- iCloud和谷歌图片
- 三星云
- 谷歌地理位置历史数据
- 健身应用程序
- 旅行类应用程序

物联网设备数据 提取

Amazon Alexa, Google Home



联系人



信息



列表



互动



录音



日历

无人机数据提取



氧气OFD支持数据类型



无人机



移动端应用数据



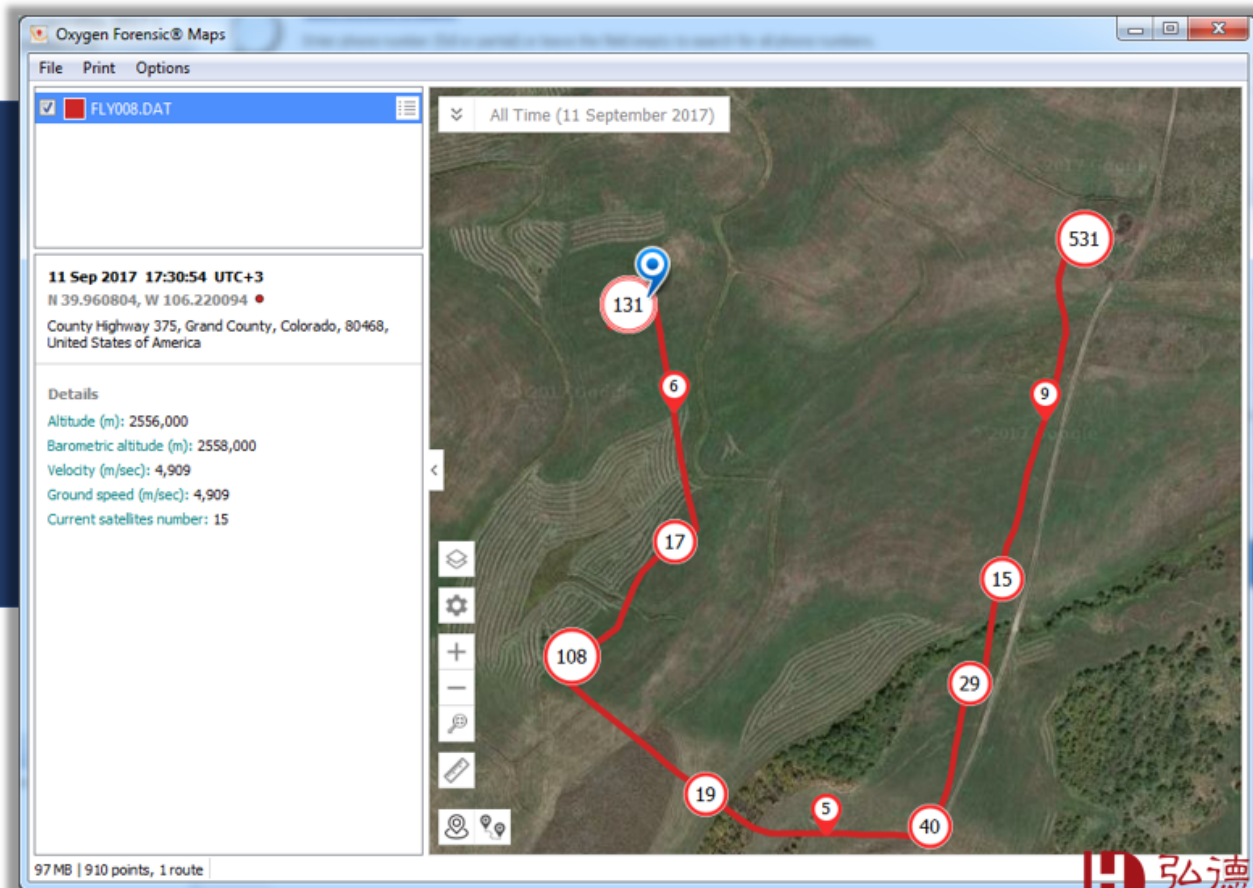
云数据

通过Root获取大疆物理镜像



无人机飞行日志

- 支持多种格式
- 支持大疆和Parrot



无人机应用 (大疆和Parrot)

- 账户
- 已上传文件
- 其他用户文件
- 删除数据
- 日志文件

The screenshot displays the Oxygen Forensic Detective interface for a DJI GO 4 - DJI Go App iOS. The main window shows a table of flight log data with columns for Coordinates, Time stamp (UTC), Flight time, Flight height, Speed (X axis), and Speed (Y axis). The data points range from 29/06/2017 07:21:08 PM to 07:21:15 PM. A details panel on the right shows the source file (DJIFlightRecord...), size (1.16 MB), coordinates (N 39.9611954, W 106.2164907), time stamp (29/06/2017 (UTC) 07:21:08 PM), and flight height (0 m). The bottom status bar indicates Version: 12.0.0.151, Total: 2,135, Filtered: 2,135, Selected: 1.

Coordinates	Time stamp (UTC)	Flight time	Flight height	Speed (X axis)	Speed (Y axis)
N 39.9611954, W 106.2164907	29/06/2017 07:21:08 PM (UTC+0)	00:00:00	0 m	0 m/sec	0 m/sec
N 39.9611955, W 106.2164908	29/06/2017 07:21:09 PM (UTC+0)	00:00:01	0 m	0 m/sec	0 m/sec
N 39.9611956, W 106.2164909	29/06/2017 07:21:09 PM (UTC+0)	00:00:01	0 m	0 m/sec	0 m/sec
N 39.9611955, W 106.2164912	29/06/2017 07:21:10 PM (UTC+0)	00:00:02	0 m	0 m/sec	0 m/sec
N 39.9611955, W 106.2164913	29/06/2017 07:21:10 PM (UTC+0)	00:00:02	0 m	0 m/sec	0 m/sec
N 39.9611956, W 106.2164914	29/06/2017 07:21:11 PM (UTC+0)	00:00:02	0 m	0 m/sec	0 m/sec
N 39.9611955, W 106.2164915	29/06/2017 07:21:11 PM (UTC+0)	00:00:02	0 m	0 m/sec	0.2 n
N 39.9611957, W 106.2164902	29/06/2017 07:21:11 PM (UTC+0)	00:00:03	0.1 m	0 m/sec	0.1 n
N 39.9611957, W 106.2164898	29/06/2017 07:21:12 PM (UTC+0)	00:00:03	0.3 m	0 m/sec	0 m/sec
N 39.9611958, W 106.2164895	29/06/2017 07:21:12 PM (UTC+0)	00:00:04	0.4 m	0 m/sec	0 m/sec
N 39.9611959, W 106.2164892	29/06/2017 07:21:13 PM (UTC+0)	00:00:04	0.4 m	0 m/sec	0 m/sec
N 39.9611960, W 106.2164893	29/06/2017 07:21:13 PM (UTC+0)	00:00:04	0.5 m	0 m/sec	0 m/sec
N 39.9611960, W 106.2164895	29/06/2017 07:21:13 PM (UTC+0)	00:00:05	0.5 m	0 m/sec	0 m/sec
N 39.9611959, W 106.2164898	29/06/2017 07:21:14 PM (UTC+0)	00:00:05	0.5 m	0 m/sec	0 m/sec
N 39.9611959, W 106.2164901	29/06/2017 07:21:14 PM (UTC+0)	00:00:05	0.5 m	0 m/sec	0 m/sec
N 39.9611958, W 106.2164903	29/06/2017 07:21:14 PM (UTC+0)	00:00:06	0.5 m	0 m/sec	0 m/sec
N 39.9611958, W 106.2164904	29/06/2017 07:21:14 PM (UTC+0)	00:00:06	0.4 m	0 m/sec	0 m/sec
N 39.9611957, W 106.2164905	29/06/2017 07:21:15 PM (UTC+0)	00:00:06	0.4 m	0 m/sec	0 m/sec
N 39.9611958, W 106.2164906	29/06/2017 07:21:15 PM (UTC+0)	00:00:07	0.4 m	0 m/sec	0 m/sec
N 39.9611958, W 106.2164907	29/06/2017 07:21:15 PM (UTC+0)	00:00:07	0.4 m	0 m/sec	0 m/sec

云数据 (大疆和Parrot)

- 账户信息
- 已注册的无人机
- 飞行历史

The screenshot displays the Oxygen Forensic Detective interface. The left sidebar shows a tree view of data categories under 'My Parrot Cloud', including 'Accounts', 'oxydrones72@gmail.com', and 'Drone logs'. The main window shows a table of flight logs for the selected account, with columns for 'Time stamp (JTC)', 'Last modified (JTC)', 'Duration', and 'Serial number'. A detailed view of a specific flight is shown on the right, including 'Source file', 'Time stamp', 'Last modified', 'Duration', 'Serial number', 'UUID', 'Drone model', 'Controller', 'application', 'Hardware', 'version', 'Crashed', and 'Visible'.

Time stamp (JTC)	Last modified (JTC)	Duration	Serial number
01/01/2019 10:18:01 AM (JTC+0)	10/01/2019 02:49:00 PM (JTC+0)	00:00:24.007	P1040416AA8E00897

Duration	Time stamp (JTC)	Battery (%)	Speed
00:00:00.016	01/01/2019 01:18:01 PM.016 (JTC+0)	95	0 m/sec
00:00:00.016	01/01/2019 01:18:01 PM.016 (JTC+0)	95	0 m/sec
00:00:00.067	01/01/2019 01:18:01 PM.067 (JTC+0)	95	0 m/sec
00:00:00.206	01/01/2019 01:18:01 PM.206 (JTC+0)	95	0 m/sec
00:00:00.406	01/01/2019 01:18:01 PM.406 (JTC+0)	95	0 m/sec
00:00:00.606	01/01/2019 01:18:01 PM.606 (JTC+0)	95	0 m/sec
00:00:00.806	01/01/2019 01:18:01 PM.806 (JTC+0)	95	0 m/sec
00:00:01.006	01/01/2019 01:18:02 PM.006 (JTC+0)	95	0 m/sec
00:00:01.067	01/01/2019 01:18:02 PM.067 (JTC+0)	95	0 m/sec
00:00:01.206	01/01/2019 01:18:02 PM.206 (JTC+0)	95	0 m/sec
00:00:01.406	01/01/2019 01:18:02 PM.406 (JTC+0)	95	0 m/sec
00:00:01.606	01/01/2019 01:18:02 PM.606 (JTC+0)	95	0 m/sec
00:00:01.806	01/01/2019 01:18:02 PM.806 (JTC+0)	95	0.0295606546547646 m/sec
00:00:01.892	01/01/2019 01:18:02 PM.892 (JTC+0)	95	0.0295606546547646 m/sec
00:00:02.006	01/01/2019 01:18:03 PM.006 (JTC+0)	95	0.468440928843492 m/sec
00:00:02.067	01/01/2019 01:18:03 PM.067 (JTC+0)	95	0.468440928843492 m/sec
00:00:02.206	01/01/2019 01:18:03 PM.206 (JTC+0)	95	1.03315272506902 m/sec
00:00:02.406	01/01/2019 01:18:03 PM.406 (JTC+0)	95	1.13135612530332 m/sec
00:00:02.606	01/01/2019 01:18:03 PM.606 (JTC+0)	95	1.0684775687223 m/sec

数据提取恢复

数据提取

实际数据

- 通讯录
- 通话记录
- 短信息
- 日历
- 计划
- 备忘录
- 应用程序数据
- 地理位置数据
- 文件系统
- Wi-Fi 历史

执行 自动恢复

- 通讯录
- 通话记录
- 短信息
- 备忘录
- 应用程序数据
- 地理位置信息
- 文件, 照片, 视频,
数据库

执行 自动恢复

Oxygen Forensic® Detective

Default Web Browser - High...

Extraction info Export Reset filters View Maps

Default Web Browser << |

Categories 156/6

- Bookmarks 20
 - Bookmarks 20
 - Bookmark search 10
 - History 76/6
 - Thumbnails 50

All data Files Contacts Chats Timeline Social Graph Find text...

ID	Title	URL
22	Google Translate	https://translate.google.com/m/translate
47	dubai - Google Search	https://www.google.com/search?q=dubai
38	MP3Juices - Free MP3 Downloads	https://www.mp3juices.cc/
27	YouTube	https://m.youtube.com/watch?v=St20K0u
26	how to roll a joint - Google Search	https://www.google.com/search?oe=utf-8
27	Webpage not available	https://m.youtube.com/watch?v=St20K0u
28	how to grow marijuana - Google Search	https://www.google.com/search?oe=utf-8
29	How to Grow Cannabis in 10 Steps Grow Weed Easy	https://www.growweedeasy.com/10-step
34	https://pandao.ru/search/rocawear	https://pandao.ru/search/rocawear
35	ipleer - Google Search	https://www.google.com/search?oe=utf-8
36	ipleer free music - Google Search	https://www.google.com/search?hl=en-UK
37	mp3juices.cc - Google Search	https://www.google.com/search?hl=en-UK
38	MP3Juices - Free MP3 Downloads	https://www.mp3juices.cc/
39	Redirect	https://arrlink.com/634917/
40	Выиграйте бесплатные ссылки	https://brwser-message.xyz/n/1jNAyD6Es
41	https://brwser-message.xyz/n/1jNAyD6EsNFzIGTmPs6zYvya...	https://brwser-message.xyz/n/1jNAyD6Es
42	https://m.youtube.com/watch?v=vm8k-4Mj4#searching	https://m.youtube.com/watch?v=vm8k-4M
43	https://m.youtube.com/watch?v=vm8k-4Mj4#	https://m.youtube.com/watch?v=vm8k-4M
44	dubai - Google Search	https://www.google.com/search?oe=utf-8
45	dubai - Google Search	https://www.google.com/search?q=dubai
46	dubai - Google Search	https://www.google.com/search?q=dubai
47	dubai city picture - Google Search	https://www.google.com/search?q=dubai

Group by: Day | Hour | Minute Wednesday, 12 September 2018 4:31 pm - Monday, 17 September 2018 2:27 pm

Find text... Wednesday, 12 September 2018 4:31 pm Monday, 17 September 2018 2:27 pm

Version: 12.0.0.151 Total: 76 Filtered: 76 Selected: 1

Details

Source file browser2.db

Source file size 2.22 MB

Source table History

ID 117

Title Google Translate

URL https://translate.google.com/m/translate

Visits 5

Time stamp 17/09/2018 (UTC) 02:27:49 PM (UTC+0)

☆ Key Evid... Add ... N...

手动恢复

Oxygen Forensic® SQLite Viewer

File Help

Open Close Visual Query Builder Recover deleted records View Search Export Print Column aliases Optic Filtering criteria ...

Tables

- /private/var/mobile/Applicat...
- Z_METADATA(1/0)
- Z_MODELCACHE(1/0)
- Z_PRIMARYKEY(10/1)
- ZCSABSTRACTUSER(43/8)
- ZCSCONVERSATION(42/2)
- ZCSCONVERSATIONSYNC(1/0)
- ZCSCONVERSATIONSYNC...
- ZCSCONVERSATIONSYNC...
- ZCSCOUCHVISIT(10/0)
- ZCSMESSAGE(200/31)
- ZCSPUBLICADDRESS(42/0)
- ZCSSYSTEMMESSAGE(16/0)
- All Deleted Data

#	Z_PK	ZBODY	ZSENTAT	Z_ENT	Z_OPT	ZISAUTHORME
188	188	Hey I'm th...	8/25/2017 7:22:28 AM	8	28	1
189	189	I am fine a...	8/25/2017 7:25:42 AM	8	26	0
190	190	I was in Pa...	8/25/2017 7:28:40 AM	8	23	1
191	191	You got an...	8/25/2017 7:28:57 AM	8	21	0
192	192	Good for y...	8/25/2017 7:33:38 AM	8	21	0
193	193	I love to tr...	8/25/2017 8:09:20 AM	8	17	1
194	194	Love to dis...	8/25/2017 8:09:33 AM	8	16	1
195	195	Asia I have...	8/25/2017 8:38:21 AM	8	14	0
196	196	Oh we hav...	8/25/2017 8:37:18 AM	8	14	0
197	197	I'm learnin...	8/25/2017 9:18:09 AM	8	10	1
198	198	As for Asia...	8/25/2017 9:18:30 AM	8	9	1
199	199	Same on m...	8/25/2017 10:16:14 AM	8	6	0
200	200	I don't kno...	8/25/2017 10:45:12 AM	8	3	1
201	18	Take care i...	2/12/2017 6:46:14 PM	8	3	0
202	17	Hello I am ...	2/12/2017 6:41:15 PM	8	5	1
203	15	Sorry to he...	2/11/2017 9:08:31 PM	8	6	0
204		Goo?7□...	2/12/2017 6:10:57 AM	8	4	0
205	14	Good morni...	2/12/2017 6:10:57 AM	8	9	0
206	13	Thank you ...	2/11/2017 8:28:22 PM	8	8	1
207	2	Hello Mina,...	2/7/2017 2:06:34 PM	8	34	1
208	10	Have a saf...	2/9/2017 1:05:02 PM	8	11	0
209		□□□□...	1/1/2001			1
210	19	Ok..I will a...	2/12/2017 6:45:06 PM	8	3	0
211	17	Hello Mavi	2/11/2017 8:37:09 PM	8	13	1

Type Value

- UTF-8 Sorry to hear that :(Get...
- Unicode (UTF-16... 卯牲磅榔... 歎耀瑞...
- Unicode (UTF-16... 遠往*滯集嶺口*摘現...
- OLE Automation ... <Can't convert>
- Unix Epoch Time <Can't convert>
- Unix Epoch Time... <Can't convert>
- Unix Epoch Time... <Can't convert>
- OS X Epoch Time 12/30/1899
- BlackBerry Time <Can't convert>
- Chrome Time <Can't convert>
- Symbian Epoch ... <Can't convert>
- MS File Time <Can't convert>
- Unsigned-8 <Can't convert>
- Signed-8 <Can't convert>
- Unsigned-16 <Can't convert>
- Signed-16 <Can't convert>
- Unsigned-32 <Can't convert>
- Signed-32 <Can't convert>
- Signed-64 <Can't convert>
- Single <Can't convert>
- Double <Can't convert>
- Luencoded Io?d□□?AH□□□@...
- Base64 J/bn□h...x<□□-□z...
- Base64 (UTF8) J鯨權□-□z0zY?u樓w]...
- Base64 (UTF-16 ... 詳@鯨□□□□放課舞...
- Base64 (UTF-16 ... 鞠·福·徑鯨權樓... 櫻...

00000000: 53 6F 72 72 79 20 74 6F 20 68 65 61 72 20 74 68 Sorry to
00000010: 61 74 20 3A 28 0A 47 65 74 20 77 65 6C 6C 20 73 at :(.Ge
00000020: 6F 6F 6E 20 64 65 61 72 20 61 6E 64 20 70 6C 65 oon dea
00000030: 61 73 65 20 74 61 6B 65 20 67 6F 6F 64 20 63 61 ase take
00000040: 72 65 20 6F 66 20 79 6F 75 72 20 68 65 61 6C 74 re of yc
00000050: 68 20 77 69 74 68 20 6D 75 63 68 20 68 65 61 76 h with r
00000060: 74 20 63 6C 6F 74 68 65 73 20 77 69 74 68 20 74 v clorh

Expires in 309 days File type: sqlite File size: 156 KB Tables: 12 Table items: 231 SHA-2 Hash: b5b9cda207 8 16766601

20,500+
应用程序版本



短信息



社交网络



网页浏览器



无人机



生产力工具



导航工具



多媒体文件



物联网设备



金融工具



健身工具



旅行工具

OFD支持解密的数据类型

- 加密通讯工具
 - *Wickr, Telegram, Signal, CoverMe, Threema*
- 加密备忘录
 - *Apple iOS 备忘录*
- 保险箱应用程序
 - *KYMS, Hide It Pro, Photo Vault Pro*
- 加密工具
 - *Apple iOS 钥匙串文件, 安卓密码商店*



WebKit数据

获取邮件，网络缓存
数据和搜索历史记录
的额外渠道

Oxygen Forensic® Detective

WebKit Data - Apple iPhone 8

Extraction info Export Reset filters View Maps

WebKit Data << All data Files Contacts Chats Timeline Social Graph Find text...

Categories	Count	Subject	Time stamp (UTC)
mail.google.com	331	Your friends are messaging you	09/09/2019 11:45:54 AM
Conversations	300	Thanks for the email! Re: Boris in Dublin, Japan typhoon, millennia-spanning map	09/09/2019 11:45:30 AM
Messages	31	11,239 NUOVI: jeans donna	09/09/2019 10:37:34 AM
Other	19	(1) Oggetto rimesso in vendita: BALENCIAGA Speed Trainer Black White & Black uomo donna...	09/09/2019 05:58:06 AM
cdn-gl.imrworldwide.com	1	Boris in Dublin, Japan typhoon, millennia-spanning map	09/09/2019 05:02:51 AM
en.m.wikipedia.org	1	Новости: экипировка для школы, спорта и улицы	08/09/2019 06:08:47 PM
googleads.g.doubleclick.net	1	We think you might like these Pins	08/09/2019 05:57:56 PM
metro.co.uk	1	Offerta a tempo limitato. Approfitta degli sconti e parti verso nuovi orizzonti!	08/09/2019 05:12:35 PM
platform.twitter.com	1	Today's sketchplanaton	08/09/2019 02:02:51 PM
secure-assets.rubiconproject...	1	The second time.	08/09/2019 01:06:23 PM
secure-gl.imrworldwide.com	1	How I spent my summer vacation	08/09/2019 01:04:25 PM
widgets.outbrain.com	1	Hi Amy! Braided hairstyles, Skin care, and more Pins trending on Pinterest	08/09/2019 11:57:54 AM
www.getyourguide.com	1	7,039 NUOVI: jeans donna	08/09/2019 10:34:15 AM
www.ghacks.net	1	Your Pin from Doctor who quotes was saved to a similar board	08/09/2019 10:27:07 AM
www.google.com	2	Comedy quotes, Hairstyle tutorials and other topics picked for you	07/09/2019 05:08:01 PM
www.google.it	1	7,303 NUOVI: jeans donna	07/09/2019 10:38:42 AM
www.theguardian.com	1	Cosa ne pensi di un coupon da 5 € per il prossimo acquisto?	07/09/2019 07:15:46 AM
www.vocabulary.com	1	Weekend edition—Climate distraction, Brexit flowcharts, bewildering menus	07/09/2019 04:57:41 AM
www.youtube.com	1	Here's what you missed...	06/09/2019 09:02:18 PM
yandex.ru	3	Прикольные к невероятному с Galaxy Note 10 10+	06/09/2019 08:22:33 PM
		Your Tumblr Dashboard misses you!	06/09/2019 07:50:27 PM
		College dorm essentials, Pocket princess comics, and more Pins popular on Pinterest	06/09/2019 05:51:18 PM
		9 of your Pins were saved	06/09/2019 05:17:16 PM
		(1) notifica: puoi approfittare della nostra OFFERTA speciale e volare dal tuo aeroport...	06/09/2019 04:14:05 PM
		These boards share Pins with your Room decor board	06/09/2019 11:51:09 AM
		7,423 NUOVI: jeans donna	06/09/2019 10:42:01 AM
		India's moon landing, Robert Mugabe dies, giant eel	06/09/2019 05:25:16 AM
		Your blog cravings, satisfied	05/09/2019 10:41:23 PM

Find text...

Version: 12.0.0.151 Total: 300 Filtered: 300 Selected: 1

Details

Source file 401060fc-7a3c...

Source file 1.94 MB

Size

Source cached_conve...

Table

Subject Your friends are messaging you

Time stamp (UTC) 09/09/2019 11:45:54 AM (UTC+0)

Senders list kik, me,

Snippet Hey there, Thanks for your message. This is an automated reply letting you know that we aren't able to respond to inquiries from this mailbox. Check out our Help Centre at <https://kikinteractive.com>.

Messages count 3

Recent 16d15d837443...

message ID

Conversa... 16d0b050b39...

ID

Web browser Safari Browser (com.apple.m...)

如何提取软件不能直接支持的应用程序？



软件将数据库文件
完善归类

com.couchsurfing.CouchSurfing - View application information

com.couchsurfing.Couc... | User data | Application files (22) | Application information (369)

Keywords | Copy to clipboard | Open in Viewer | Save as | Viewer panel | Autosize

File	Type	Size
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Documents/Surfing.sqlite	.sqlite	156.01 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/Apptimize-user-guid.data	.data	16 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/Apptimize-v4-Events.data	.data	768.01 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/Apptimize-v4-override.data	.data	135 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/Apptimize-v4.data	.data	15.69 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/Apptimize-v4.data.prior	.prior	15.69 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/DeviceCustomProperties-v2.data	.data	539 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/DeviceProperties.data	.data	1.14 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/metadata/apptimize_events_context		360 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.apptimize.ios/migration1.ok	.ok	2 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Application Support/com.crashlytics/CLSUserDefaults.plist	.plist	277 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Cookies/Cookies.binarycookies	.binarycookies	2.37 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Preferences/com.apple.EmojiCache.plist	.plist	16.14 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Preferences/com.couchsurfing.CouchSurfing.plist	.plist	14.63 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/Preferences/com.google.gmp.measurement.plist	.plist	876 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/com-facebook-sdk-AppEventsTimeSpent.json	.json	136 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/com-facebook-sdk-PersistedAnonymousID.json	.json	52 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/com.amplitude.database	.database	56.01 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/com.amplitude.plist	.plist	239 B
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/googleanalytics-v2.sql	.sql	48.01 KB
/private/var/mobile/Applications/com.couchsurfing.CouchSurfing/Library/googleanalytics-v3.sql	.sql	28.01 KB
/private/var/mobile/Library/SpringBoard/IconState.plist	.plist	2.16 KB

使用SQLite查看器



将数据转化为可
读取格式



创建查询链接数
据库



数据库内搜索



导出报告

Oxygen Forensic® SQLite Viewer

File Help

Open Close Visual Query Builder Recover deleted records Viewer Search Export Print Column aliases Optic Filtering criteria ...

Tables A

- /private/var/mobile/Applicat...
- Z_METADATA(1/0)
- Z_MODELCACHE(1/0)
- Z_PRIMARYKEY(10/1)
- ZCSABSTRACTUSER(43/8)
- ZCSCONVERSATION(42/2)
- ZCSCONVERSATIONSYNC(1/1)
- ZCSCONVERSATIONSYNC...
- ZCSCONVERSATIONSYNC...
- ZCSOUCHEVISIT(10/0)
- ZCSMESSAGE(200/31)
- ZCSPUBLICADDRESS(42/0)
- ZCSYSTEMMESSAGE(16/0)
- All Deleted Data

#	ZMESSAGE	Z_FOK_CONVERSATION	ZSENTAT	ZBODY	Offset	ZID	Type	Value
182	5120	523654587	Don't worry....		53645...	53645...	UTF-8	525350712
183	2048	524350726	Hola, te gust...		53861...	53861...	Unicode (UTF-16...	Unicode (UTF-16...
184	2048	524518017	Tanya!		53913...	53913...	Unicode (UTF-16...	Unicode (UTF-16...
185	8192	525329289	Hey		54164...	54164...	OLE Automation ...	5/23/64005
186	7168	525329297	Long time no...		54164...	54164...	Unix Epoch Time	8/25/1986 10:45:12 AM
187	6144	525329306	How are you...		54164...	54164...	Unix Epoch Time...	1/7/1970 1:55:50 AM
188	9216	525338548	Hey I'm fine ...		54166...	54166...	Unix Epoch Time...	1/1/1970 12:08:45 AM
189	10240	525338742	I am fine and...		54166...	54166...	OS X Epoch Time	8/25/2017 10:45:12 AM
190	11264	525338920	I was in Paris...		54166...	54166...	BlackBerry Time	<Can't convert>
191	13312	525338937	You got any ...		54166...	54166...	Chrome Time	1/1/1601 12:08:45 AM
192	12288	525339218	Good for you...		54166...	54166...	Symbian Epoch ...	<Can't convert>
193	14336	525341360	I love to trav...		54166...	54166...	MS File Time	1/1/1601 12:00:53 AM
194	15360	525341373	Love to disco...		54166...	54166...	Unsigned-8	<Can't convert>
195	16384	525343101	Asia I have g...		54167...	54167...	Signed-8	<Can't convert>
196	17408	525343038	Oh we have ...		54167...	54167...	Unsigned-16	<Can't convert>
197	18432	525345489	I'm learning ...		54168...	54168...	Signed-16	<Can't convert>
198	19456	525345510	As for Asia I ...		54168...	54168...	Unsigned-32	525350712
199	20480	525348974	Same on my ...		54169...	54169...	Signed-32	525350712
200	21504	525350712	I don't know ...		54170...	54170...	Signed-64	525350712
201	6144	508617974	Take care in ...	00032818	49870...	49870...	Single	525350712
202	5120	508617675	Hello I am a ...	00032963	49870...	49870...	Double	525350712
203	13312	508540111	Sorry to hea...	00033114	49853...	49853...	Uuencoded	U%SU%CN
204	4096	508572657	Goo?7□ ...	00033440	49859...	49859...	Base64	3rwNlx
205	4096	508572657	Good mornin...	00033463	49859...	49859...	Base64 (UTF8)	Unicode

Expires in 309 days File type: sqlite File size: 156 KB Tables: 12 Table items: 231 SHA-2 Hash: b5b9cda20751

数据分析

人脸智能识别 软件标配功能里包含人 脸识别功能

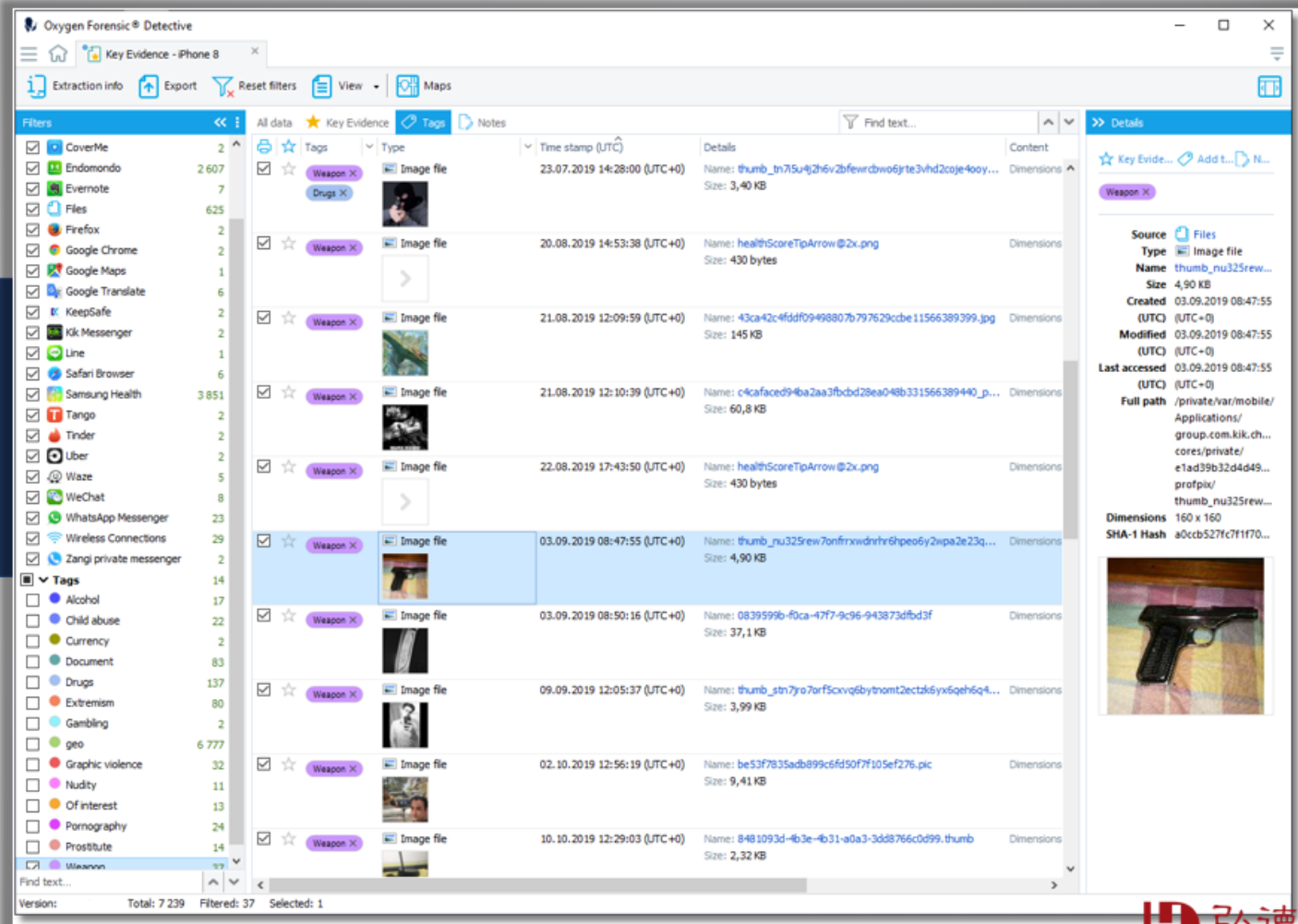
The screenshot displays the Oxygen Forensic JetEngine interface. The main window shows a list of identified faces from a zip file named "Faces - Photos.zip". The interface is divided into several sections:

- Filters:** A sidebar on the left with expandable sections for Sex (2 total), Race (5 total), Age (9 total), and Tags (1 total). Each section contains a list of categories with their respective counts.
- People:** A central list of identified individuals. Each entry includes a small thumbnail image, a star icon, a name (e.g., "Person"), and a count of images (e.g., "15 images").
- Identified faces:** A grid of larger images showing the software's recognition of a specific person (a man in a racing helmet) with confidence percentages ranging from 99.2% to 100%.
- Similar images:** A section below the identified faces showing other images that the software has identified as similar to the selected person, with counts and confidence percentages (e.g., "2 images [99,2%]").
- Details:** A panel on the right showing detailed information for the selected person, including a large image, a "Key Evidence" link, and metadata such as Confidence (100%), Age (35), Sex (Male), Race (Asian), and Emotion (Joy). It also lists the source file path and EXIF data (Make: Canon, Model: Canon EOS-1Ds Mark II, Modified: 02.09.2012, Digitized: 30.08.2012, Original time: 30.08.2012).

At the bottom of the window, the status bar shows: "Version: 1.0.0.3500 Total: 8 712 Filtered: 8 712 Selected: 1".

图像智能识别分类

支持自动将检材中的图像按照预设类型进行识别并分类



时间轴

将检材中所有的数据
按照时间顺序进行排
序

Oxygen Forensic® Detective

Timeline - Apple iPhone 8

Extraction info Export Reset filters View Maps

Filters Accounts 1 Groups 12 Contacts 287 Sources 46

Type	Time stamp (UTC)	Description
Safari search history	18/06/2018 10:24:20 AM (UTC...)	liver
Google Chrome bookmark	25/06/2018 05:58:54 PM (UTC...)	Desktop Bookmarks
Google Chrome bookmark	25/06/2018 05:58:54 PM (UTC...)	Other Bookmarks
Google Chrome bookmark	25/06/2018 05:58:54 PM (UTC...)	Mobile Bookmarks
Opera mini web history	04/07/2018 11:53:39 AM (UTC...)	https://www.10best.com/dest
Opera mini web history	04/07/2018 11:54:15 AM (UTC...)	https://www.opera.com/mobile
Opera mini web history	04/07/2018 12:16:46 PM (UTC...)	https://yandex.ru/search/touc
Safari search history	13/09/2018 08:45:38 AM (UTC...)	karlsruhe
Safari search history	13/09/2018 08:49:20 AM (UTC...)	men in black
Safari search history	13/09/2018 08:50:06 AM (UTC...)	german grammar
Safari search history	13/09/2018 08:53:52 AM (UTC...)	google maps
Safari search history	13/09/2018 10:29:39 AM (UTC...)	frp 40
Safari search history	20/03/2019 10:18:36 PM (UTC...)	things to do
Opera mini web history	02/04/2019 09:54:22 AM (UTC...)	https://yandex.ru/search/touc
Opera mini bookmark	02/04/2019 09:55:44 AM (UTC...)	US briefing: security clearance
Google Chrome bookmark	02/04/2019 09:58:57 AM (UTC...)	12 Best Coffeeshops in Amster
Google Chrome bookmark	28/05/2019 08:17:57 AM (UTC...)	What is the best place to hide
Safari search history	28/05/2019 08:42:45 AM (UTC...)	how to sing
Safari search history	28/05/2019 08:45:03 AM (UTC...)	the most romantic city
Safari search history	28/05/2019 08:45:38 AM (UTC...)	where to eat in rome
Opera mini web history	31/05/2019 02:05:53 PM (UTC...)	https://yandex.ru/search/touc
Opera mini web history	31/05/2019 02:06:36 PM (UTC...)	https://www.theguardian.com,
Opera mini web history	31/05/2019 02:06:42 PM (UTC...)	https://www.theguardian.com,
Opera mini web history	31/05/2019 02:06:51 PM (UTC...)	https://www.theguardian.com,

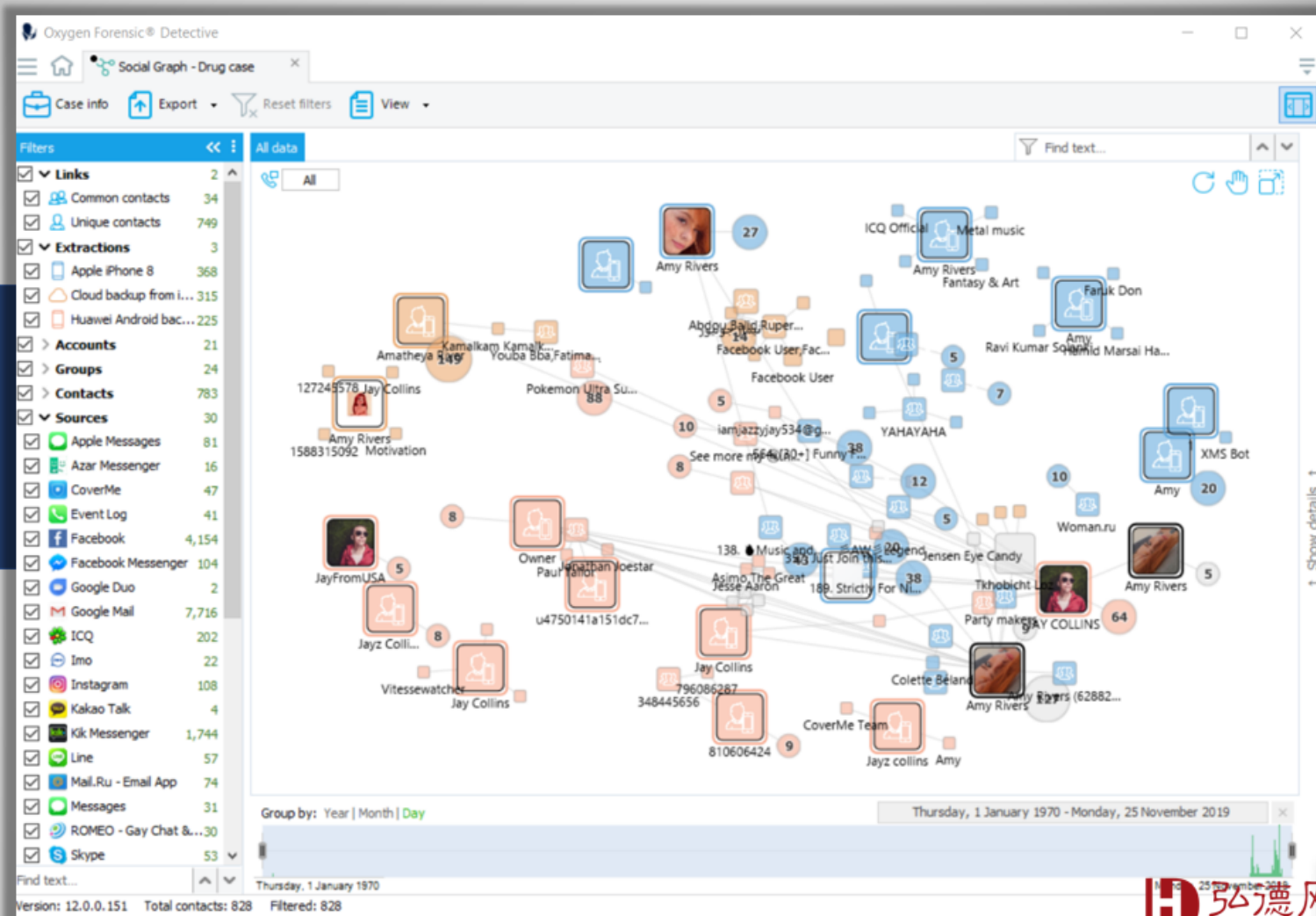
Source Safari Browser
Type Safari search history
Time stamp 18/06/2018 (UTC) 10:24:20 AM (UTC+0)
Query liver

Group by: Year | Month | Day Thursday, 1 January 1970 - Friday, 28 February 2020

Version: 12.0.0.151 Total: 34,591 Filtered: 64 Selected: 1

社交关系分析

支持将多部设备以及云端数据中的社会关系关联可视化



书签功能 可以通过关键证据选项 中标记关键证据

Oxygen Forensic® Detective

Key Evidence - Apple iPhone 8

Extraction info Export Reset filters View Maps

Filters << All data ★ Key Evidence Tags Notes Find text...

Type	Time stamp (UTC)	Details
★ WhatsApp message	27/08/2018 03:34:36 PM (UTC+0)	Direction: ➡ Outgoing message Remote party: 79850238613 Remote party name: J
★ WhatsApp message	27/08/2018 03:47:19 PM (UTC+0)	Direction: ➡ Incoming message Remote party: 79850238613 Remote party name: J
★ Google Translate history	13/09/2018 08:57:56 AM (UTC+0)	Source text: I will kill you Target text: ich werde dich töten
★ Google Translate history	13/09/2018 08:58:12 AM (UTC+0)	Source text: drug dealer Target text: Drogendealer
★ Google Translate history	13/09/2018 08:58:37 AM (UTC+0)	Source text: where can I find drugs here Target text: Wo kann ich hier Drogen finden?
★ Google Translate history	13/09/2018 10:29:06 AM (UTC+0)	Source text: happy dust Target text: polvo feliz
★ WhatsApp message	14/09/2018 09:34:33 AM (UTC+0)	Direction: ➡ Incoming message Remote party: 79850238613 Remote party name: J
★ WhatsApp message	14/09/2018 09:38:01 AM (UTC+0)	Direction: ➡ Incoming message Remote party: 79850238613 Remote party name: J

Version: 12.0.0.151 Total: 6,841 Filtered: 52 Selected: 1

Source: WhatsApp Messenger
Type: WhatsApp message
Direction: Outgoing message
Time stamp: 27/08/2018 03:34:36 PM (UTC+0)
Remote party: 79850238613
Remote party name: J
Content: (It's green, begins with W and ends with D)
Message ID: 450
Source: Mobile: iPhone

搜索功能
支持关键词搜索, 正则表达式, 哈希值等
搜索方式

Oxygen Forensic® Detective

Search - Apple iPhone 8

Extraction info Export Reset filters View Lists managers

Search history

Enter text

10/10/2019

12:22 PM [Android (Syste... 42]

Text Keywords Hash sets RegExp

Find text...

Enter text Search

Advanced settings

All text data Any words

Case sensitive Whole words only

Search in

Parsed data Files File content

Type	Hash set	Description	Time sta
Image file "PNG"	Android (System files)	Name: a3dc6a8266bf8f024dd0adf16ed9b679.png	10/1
Image file "PNG"	Android (System files)	Name: 3f5d81b43a891e3abe270d49cd6ce850.png	10/1
Image file "PNG"	Android (System files)	Name: 3f5f137c66e31a301f434f315b1cb718.png	10/1
Image file "PNG"	Android (System files)	Name: 3f5d81b43a891e3abe270d49cd6ce850.png	10/1
File	Android (System files)	Name: contactLocalData.version	17/1
File	iOS (System files)		
File	Android (System files)	Name: RecommendAppList1.dat	02/1
File	Android (System files)	Name: Lobster-Regular.ttf	16/0
File	Android (System files)	Name: _._DS_Store	30/0
File	iOS (System files)		
File	Android (System files)	Name: Cassanet-Bold.otf	27/0
Plist file "PLIST"	Android (System files)	Name: contents.index	22/0
Plist file "PLIST"	iOS (System files)		
Plist file "PLIST"	Android (System files)	Name: implus_digs.plist	09/0
Plist file "PLIST"	iOS (System files)		
File	Android (System files)	Name: metadata	19/0

Filters

Sources 42

Files 42

Details

3f5d81b43a891e3...

Source Files

Type Image file

Name 3f5d81b43a89...

Created 10/10/2019 12:29:12 PM

Modified 10/10/2019 12:29:12 PM

Last accessed 18/07/2019 8:15:42 PM

Category Images

Size 543 6aйт

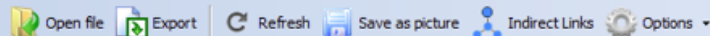
Dimensio... 34 x 34

Full path /private/var/mobile/Applications/com.tencent.xi... Documents/MMRresource... 40/1_data/dist/3f5d81b43a89... 60da8de7db6...

SHA-1 Hash

Android (System files)

Version: 12.0.0.151 Total: 42 Filtered: 42 Selected: 1



Information <<

Communication Statistics

Direct Links

Unique callers >>

Caller information

9061128104

7 events

Top 10 active contacts

9168960220 1

SMS 1

9179048285 1

Call 1

9024780001 1

SMS 1

9179335222 1

Call 1

9179203814 1

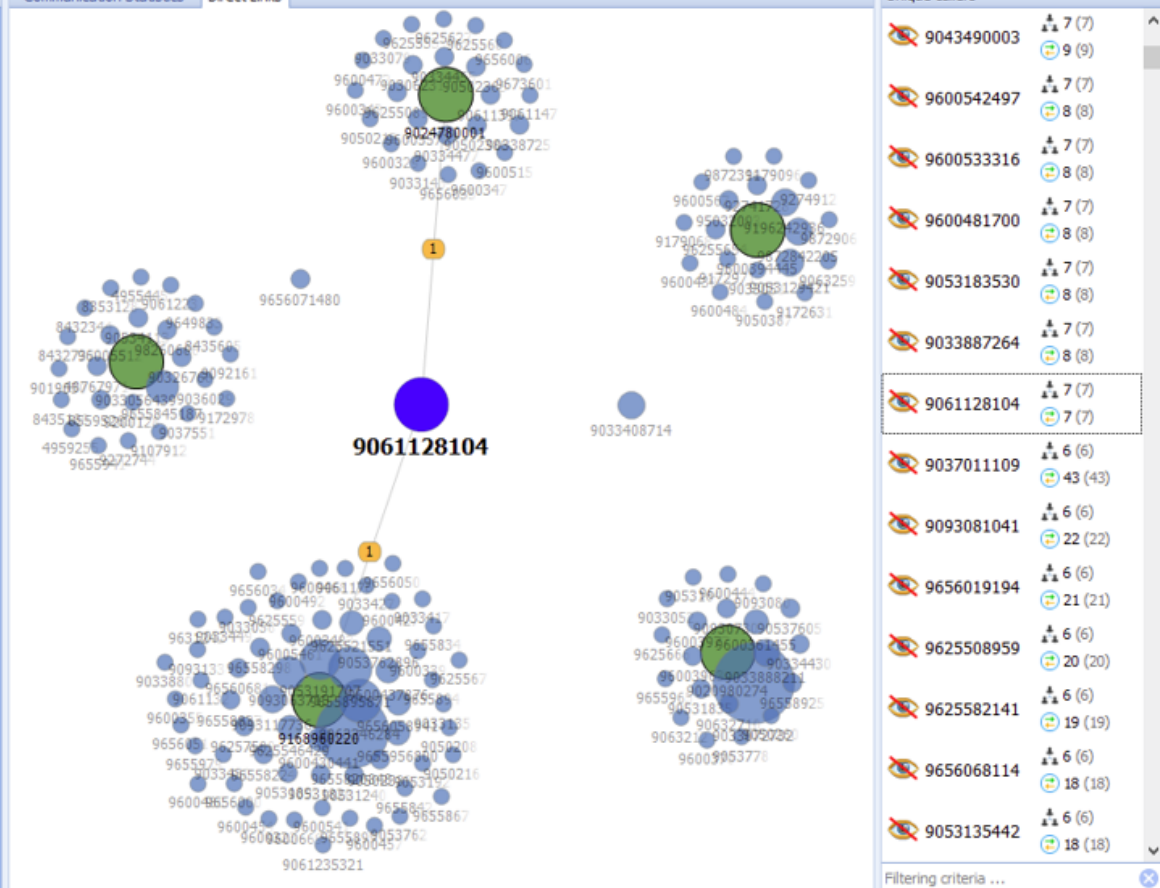
Call 1

9033056955 1

Call 1

9196341219 1

Call 1



Caller ID	Events
9043490003	7 (7)
9600542497	9 (9)
9600533316	7 (7)
9600481700	8 (8)
9053183530	7 (7)
9033887264	8 (8)
9061128104	7 (7)
9037011109	6 (6)
9093081041	43 (43)
9656019194	6 (6)
9625508959	21 (21)
9625582141	20 (20)
9625582141	19 (19)
9656068114	6 (6)
9053135442	18 (18)

Languages

About Oxygen Forensic® Call Data Vie...

BS_SmallDB.odcr

Communications: total 7185/ filtered 7185

Callers: total 6088/ filtered 6088

Selected: 0

基站信息分析

氧气OFD地图

导入

导入提取的移动设备，无人机和云端数据，包括KML文件

地理位置信息

检测通用的地理位置信息（支持同时显示多个用户）

访问过的地点

发现检材所有者常去的地点

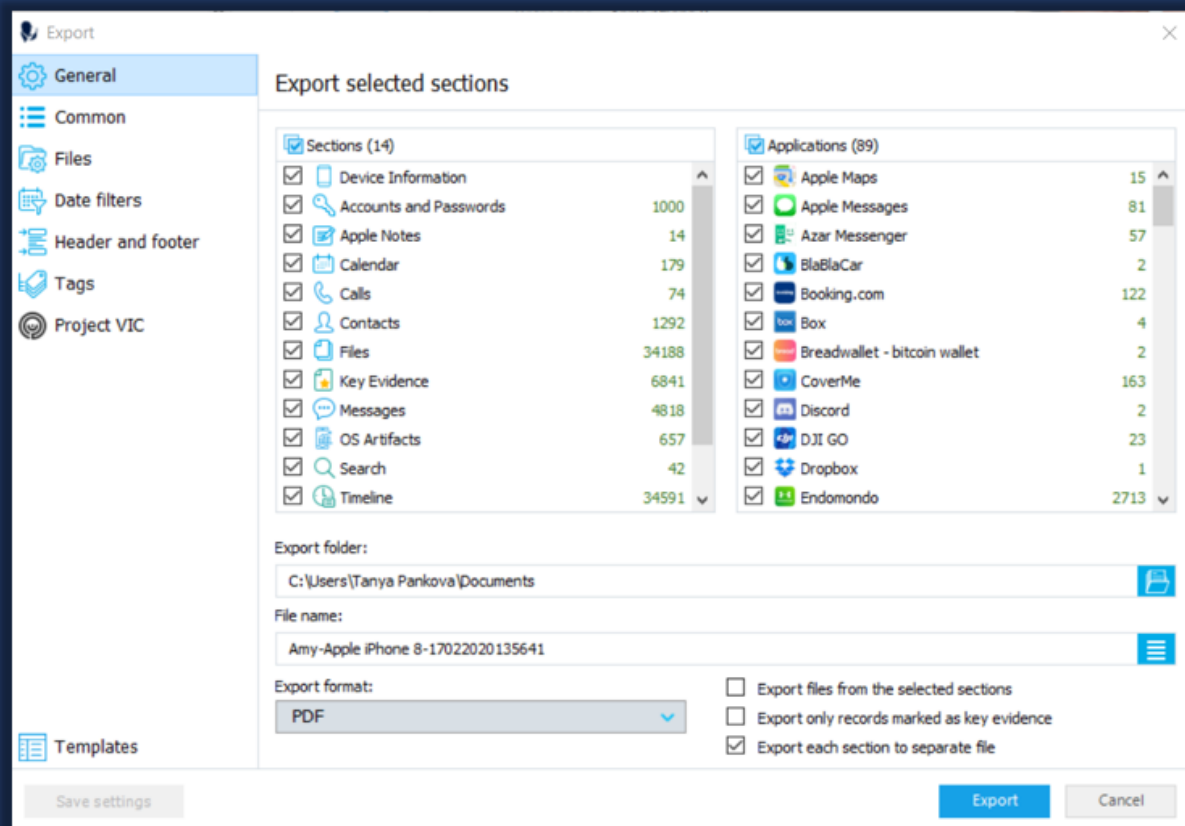
路线可视化

可视化用户的行动轨迹



数据报告和共享

用户自定义报告



氧气OFD 企业版

- 易于管理
- 授权分享
- 无缝连接

易于管理

- 取证人员无需通过加密狗访问软件
- 所有授权账户只需要一个加密狗
- 所有Windows系统取证设备可以通过连接加密狗服务器进行软件授权

授权临时分享

- 授权服务器可以发送临时授权
- 支持离线使用
- 使用完成后将授权返还

授权服务器无缝连接

- 连接无延迟，不丢失
- 支持本地或异地网络
- 可以在世界上任何有网络的工作

- 避免网络聚合
- 服务管理员有权限关闭任何链接
- 如果用户忘记断开连接，管理员有权限主动关闭并授权给其他用户

减少临时软件使用时的额外支出

- 针对临时的使用软件的需求不许额外支出任何费用
- 一个独立权限可以用于全部机构内用户
- 企业版授权支持10,20,50及100等授权类型



让我们一起创建美好世界!