



MOBILedit Smartwatch Kit

Get personal with smartwatch forensic analysis

Smartwatches are the world's most popular wearable devices with unquestionable importance when it comes to forensic examinations. The personal data found in smartwatches can lead investigators in the right direction, especially when the phone is nowhere to be found. MOBILedit Forensic can even extract heartbeat details, which gives the investigator an intimate look into the life of the user. This data reveals moments of excitement, stress, and even time of death. For a successful investigation, examining smartwatches is a necessity.

MOBILedit Forensic supports the extraction and analysis of the most popular smartwatches in the world. Not only does it support Apple Watch, but investigating other smartwatches, like Garmin, Samsung, or TCL, is now possible.

The MOBILedit Smartwatch Kit is an essential tool to use alongside MOBILedit Forensic. This complete kit provides the user with all connectivity required and includes unique Apple Watch readers, along with hard-to-find readers for other smartwatch brands.

Using the connectors found in the MOBILedit Smartwatch Kit, the extraction and analysis are performed by MOBILedit Forensic. The results can be professionally presented in PDF, Excel, or HTML or exported as UFDR files. Backups of the data can even be created for examination at a later date.

The data found on smartwatches is even more personal than on smartphones. This data includes detailed user information, health data, physical activities, and geolocated routes. Even when the phone is unavailable or where data is deleted from the phone, evidence can still be found on the smartwatch.

MOBILedit now offers even more opportunities to recover data from various devices, allowing for integration from multiple sources. Obtaining evidence from these devices will play an increasingly important role in digital forensics, and MOBILedit will continue to pioneer the investigation of smartwatches in the future.



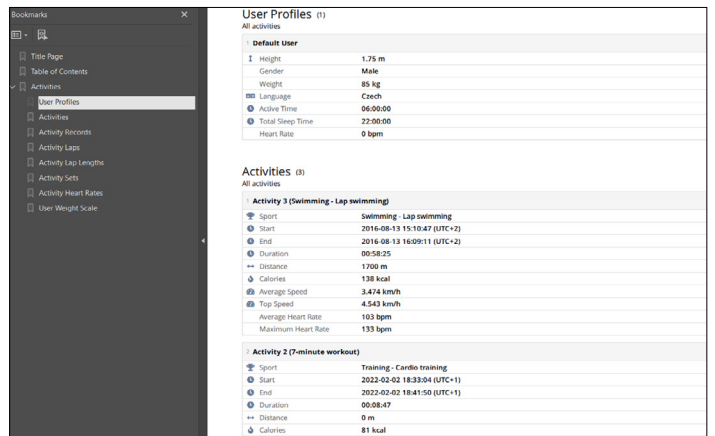
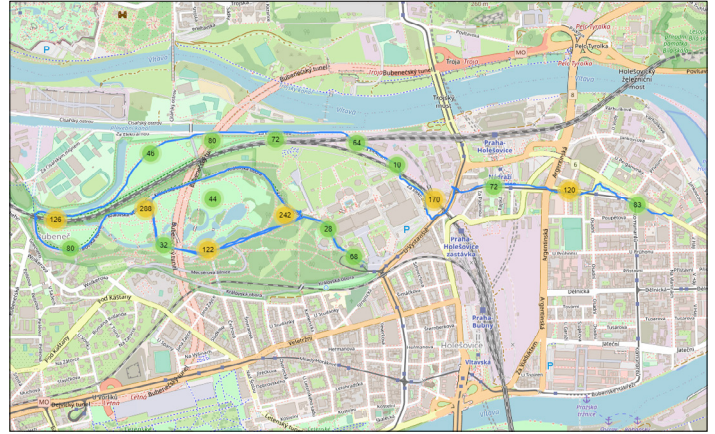
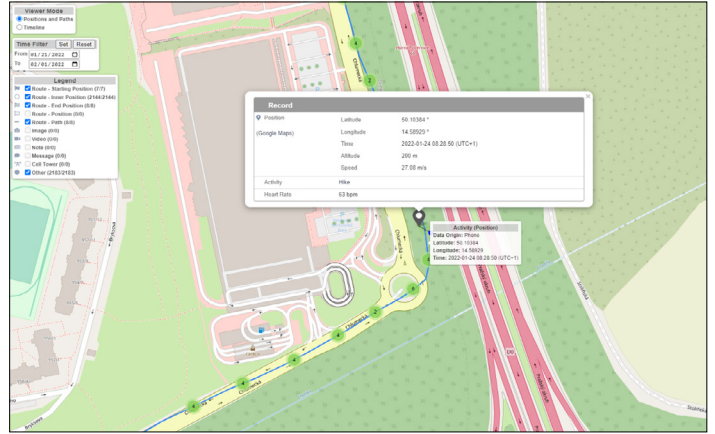
This toolkit can be vital if there is no phone available and a smartwatch is the only digital evidence you can recover.

WHAT WATCHES ARE SUPPORTED?

- Apple
- Garmin
- Samsung
- Alcatel
- TCL
- Huawei
- and more

WHAT TYPE OF DATA CAN YOU EXTRACT FROM A SMARTWATCH?

- Device info
 - MAC addresses
 - UID
 - SW revision
- Device data
 - Files
 - Photos with geolocation
 - Voice recordings
 - Application data
 - Notes
- Personal data
 - User profiles - nickname, age, gender, weight, language, total active & sleep time
 - Activities - type, time interval, position, heart rate, altitude, speed, temperature, calories, etc.
 - Routes with maps
 - Health data - Extra heart rate & stress monitoring



MOBILEEDIT FORENSIC PHONE CONTENT REPORT

Big Ben

Case Evidence Number: 007

Manufacturer: Apple
Product: Watch Series 5 40mm
HW Revision: N144sAP, Model:MWV82
Platform: Apple
SW Revision: 8.4.2, Firmware:iBoot-7429.80
33_Build:195553
Device Name: John Doe - Apple Watch
Serial Number: A12BC34DEFGH
jailbroken: No
SIM Card: No

Case Information

Case Label: Big Ben
Case Evidence Number: 007
Case Evidence Details

Device Information

Device Label: [empty]
Device Name: Apple Watch Series 5 40mm
Device ID: [empty]
Device Evidence Number: [empty]
Owner Name: [empty]
Owner Phone Number: [empty]
Phone Notes: [empty]

Investigator Information

Investigator Name: Sherlock Holmes
Investigator Designation: Detective
Investigator Email: holmes@compelson.com
Investigator Phone Number: +420123456789
Permission Document: [empty]

Extraction Information

Data Extraction Started: 2022-03-17 10:45:32 (UTC+1)
Data Extraction Finished: 2022-03-17 10:45:44 (UTC+1)
Extracted by: MOBILedit Forensic PRO 8.0.1.22377
Report Generated by: MOBILedit Forensic PRO 8.0.1.22377

Photos (6)

A subset of phone and application photos filtered by criteria: path not indicating a redundant image, sorted by time in ascending order

Filename: IMG_0945.JPG
Path: phone/raw0/DCIM/100APPLE/IMG_0945.JPG
Size: 3.34 MB
Created: 2019-02-09 20:43:55 (UTC+1)
Modified: 2019-02-09 20:43:55 (UTC+1)
Accessed: 2020-09-01 19:39:49 (UTC+2)
Exposure Time: 1 / 6061 s
Focal Length: 4.25 mm
F-Number: 1.8
Lens Info: Apple iPhone XR back camera 4.25mm f/1.8, Focal length 4.25 mm, f/1.8
Width: 3024 px
Height: 3780 px
Camera Manufacturer: Apple
Camera Model: iPhone XR
Format: JPEG
Date of Generation: 2019-02-08 13:58:16 (UTC+1)
Date of Digitization: 2019-02-08 13:58:16 (UTC+1)
Position (Google Maps): Latitude: 50.09592°, Longitude: 14.42577°, Time: 1970-01-01 01:00:00 (UTC+1), Altitude: 224 m
Image Classification: Other