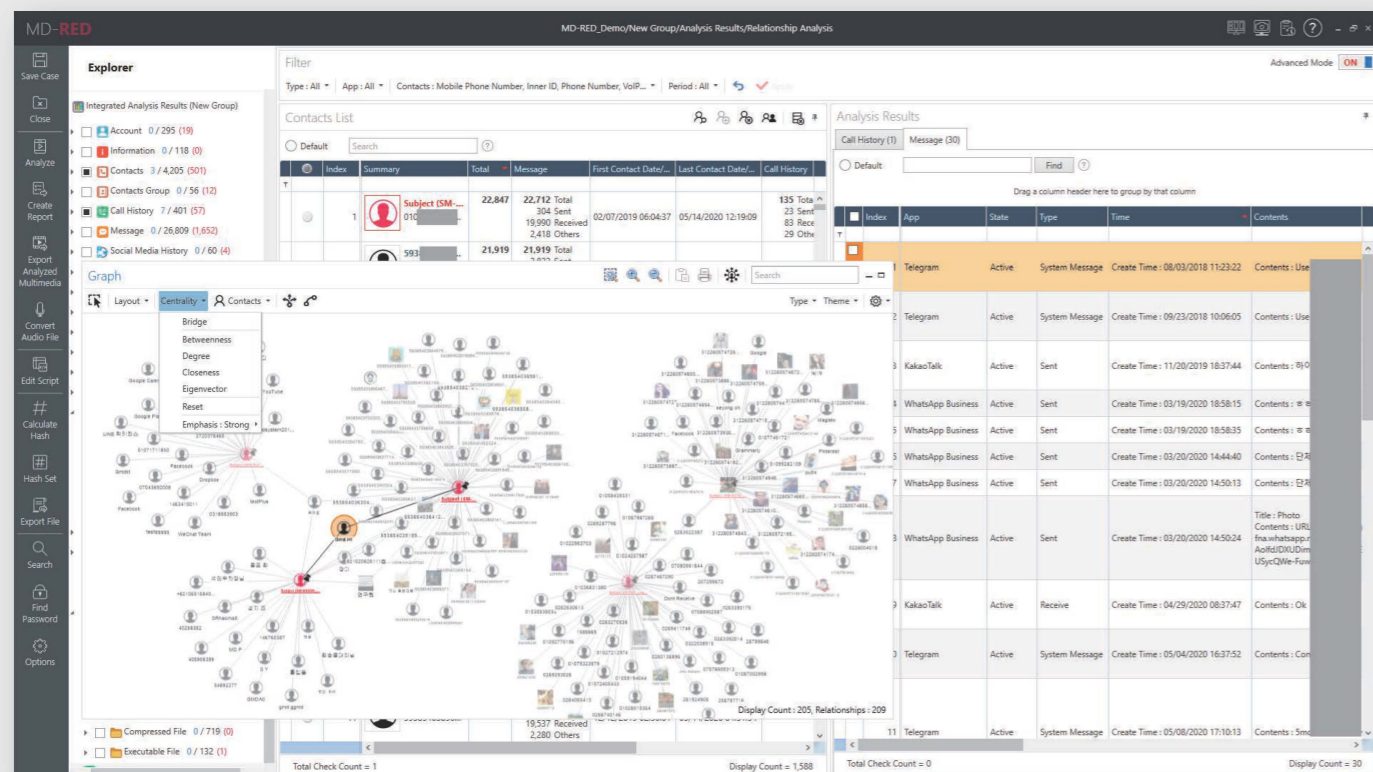


MD-RED

Data Analysis Software for Recovery, Decryption, Visualization, Analytics, and Reporting

MD-RED is the forensics software for recovery, decryption, visualization, analytic data mining, and reporting evidence data. Advanced analysis feature allows to decrypt encrypted data from messages, messengers, emails, etc., and users can easily review the analyzed result through the various data filters, and embedded viewer. All the analysis results can be exported as a report and reviewed with a standalone viewer MD-Explorer.



System Requirements

- OS Windows 8/10/11 (64 bit)
- CPU i7 or above
- RAM 8GB or above
- Disk 1TB or above
- Display 1024x768 or above
- USB 2 or more USB 2.0/3.0/3.1 ports
- Microsoft .Net Framework 4.6.2

Product Components

- MD-RED Installation Software (USB Memory/Online)
- USB Dongle Key 1 EA
- Warranty 1 Year

Product Specification

Parsing and Recovery of Various Images and File systems

- Images: SD Card, phone data partition, MDF, E01, GrayKey, UFED image format
- File systems: FAT12, FAT16, FAT32, NTFS, exFAT, HFS+, EXT2, EXT3, EXT4, F2FS, VDFS, APFS, TAT16, TAT32, NxFs, IKVISION, DHFS4.1, WFS0.4, TANGO, RSFS, WOW, VDFS, XFS, YAFFS, EFS2, TFS4
- Data carving for unused area

Analysis of Mobile Data and Apps

- Multimedia files taken by phone camera
- Call log, Address book, SMS/MMS, Email, Memo, Internet history
- SNS, Map, Navigation, Health, Banking and Lifestyle apps
- Detects Steganography, anti-forensic apps
- Deserialization, Decryption and Recovery of data

Advanced Analysis of Popular Messengers

- Description of encrypted messenger data
- Decryption and analysis for multiple backup files of WhatsApp
- Multiple account analysis

Data Visualization and Social Relationship Analysis

- Map view for GPS data and cell tower location
- Timeline view
- Communication visualization
- Web browser for internet history review
- Social relationship analysis
- Community analysis by centrality

Multiple Space Analysis

- Samsung secure folder(KNOX space) analysis
- Huawei PrivateSpace analysis
- Android Multi-Space analysis

Data Decryption and Recovery

- Identifies encrypted document
- Decrypts encrypted chat message, email, file and app data
- Recovery of deleted file and multimedia data

Dynamic Data Filter and Search

- Filtering by file system, signature, time and etc.
- Dynamic filtering operators, sorting, grouping and etc.
- Search by regular expression
- Keyword registration
- Bookmarking of selected data
- Multimedia filter by app, status, size, type, property, path and etc.

Reporting

- Export of original or converted files with file hash value
- Report file formats - PDF, Excel, ODS, HTML, XML and SQLite DB
- 3rd party report file formats - NUIX, Relativity and ForensIQ one
- Electronically stored information can be included in a report
- Analyzed result can be reviewed with a stand-alone data viewer 'MD-Explorer'

*Contact us for more detailed product spec information.

