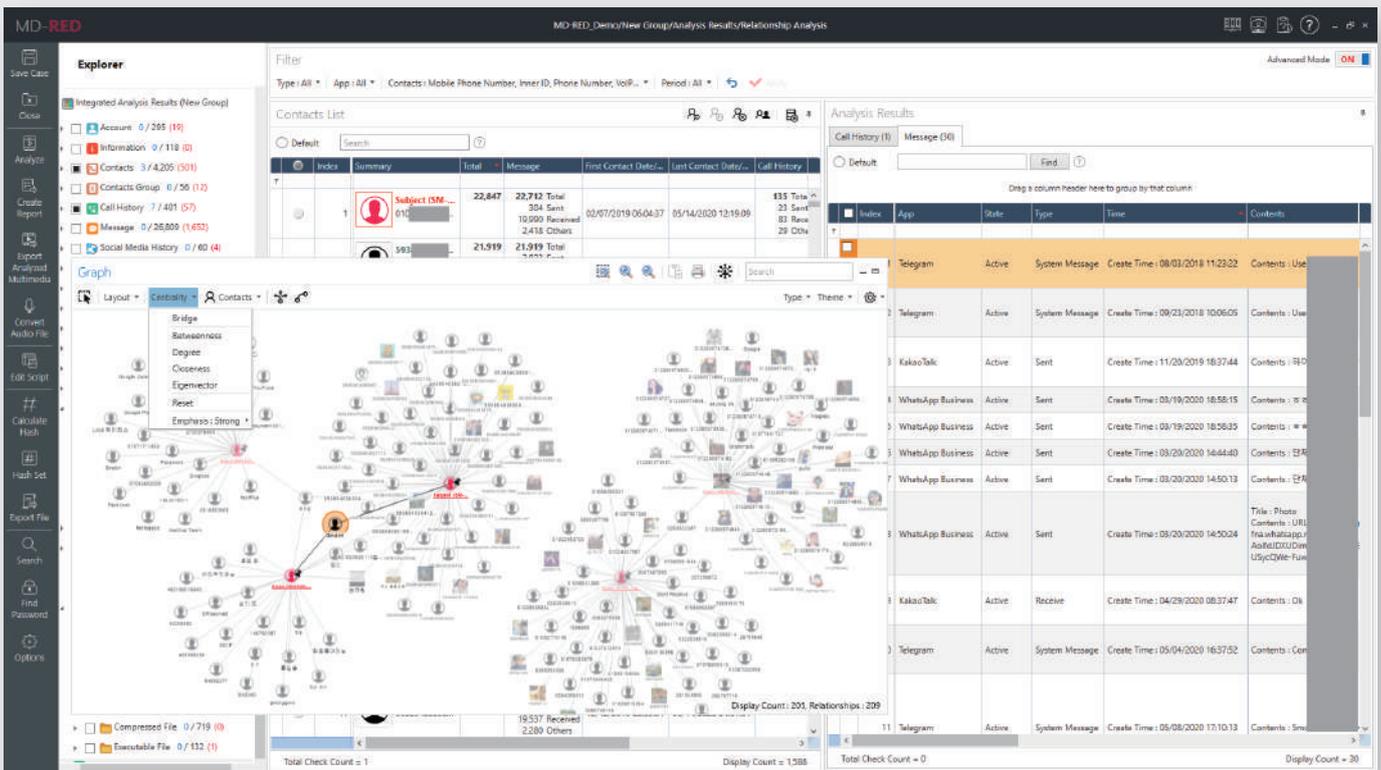


# MD-RED

## Data analysis software for Recovery, Decryption, Visualization, Analytics, and Reporting

MD-RED is the forensic 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 filesystems

- Images: SD Card, phone data partition, MDF, E01, GrayKey, UFED image format
- Filesystems: 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
- Multiple backup files of WhatsApp decryption and analysis
- Multiple account analysis

### Data Visualization and Social Relationship Analysis

- Map view for GPS data and cell tower location
- Timeline view of analyzed data
- Chat viewer for 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

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

### Reporting

- Export of original or converted files with hash value of files
- Supports PDF, Excel, ODS, HTML, XML and SQLite DB format
- Supports 3rd party report formats such as 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.*