

Technical Requirements

In order to be considered equivalent, the mobile phone extraction and analysis software must be able to:

- support the more than 6,800 devices running different operating systems, including iOS[®], Android[™] and Blackberry[®] devices, as well as devices with Chinese chipsets:
 - Motorola including Atrix HD, Photon Q, Razr M, and Razr I and others
 - Android[™] devices, including full user data extraction from rooted devices
 - iOS devices up to 6.1.3 including physical and logical extraction
 - Windows Mobile[®] devices
 - Blackberry[®] devices, including the import of Blackberry BBB (Blackberry Backup) files and select general devices
 - Legacy phones including LG, Nokia Series 30/40, Samsung, Motorola, ZTE, Sony Ericsson and others
- provide connecting cables for all the supported mobile devices.
- recover application data from:
 - LinkedIn
 - Twitter
 - Facebook
 - GoogleVoice
 - Skype
 - WeChat
 - QQ
- perform iOS[®] device analysis:
 - Physical and logical acquisition of iOS devices up to 6.1.3 (both CDMA and GSM).
 - No jail breaking required.
 - Acquire physical and logical data simultaneously, without the need for iTunes[®].
 - On-the-Fly decryption of operating system and logical data
 - iTunes[®] Backup Browser
 - Import folders and files containing an iTunes Backup.
 - Using a mounted image, point to the iTunes folder.
 - Support for both encrypted and non-encrypted backups.
- perform physical imaging of Android[®] devices:
 - on both Samsung Galaxy S[®] II and III devices even if USB debugging is not enabled.
- provide analysis tools to:
 - parse file systems to locate lock code, EXIF and any data contained in the mobile phone's file system.
 - view PLIST files and browse embedded SQLite Database.
 - able to export the viewed data in several formats including Microsoft Excel.
 - carve Data for embedded phone-specific data.
 - carve all SQLite database files from iOS[®] and Android[™] for deleted data.
- provide parsers for Android, iOS, Blackberry IPD/BBB and iTunes backup to file systems to extract:
 - application data
 - book marks
 - call history
 - email

- browser history
 - cookies
 - MMS
 - SMS
 - phonebook
 - etc.
- provide a visualization tool to analyze data by constructing timelines, relationships among parties:
 - Timeline Viewer illustrates SMS, EMAIL, MMS and Call Logs for any selected timeframe.
 - Social Analyzer illustrates SMS, EMAIL, MMS and Call Logs for selected contacts – comparing each with all selected.
- be able to interoperate with Summation, an e-Discovery software package, so that processed data from MPE+ can be used seamlessly by Summation.
- be able to interoperate with FTK (Forensic Tool Kit), a computer forensic software package for processing and analyzing digital data, so that device image files of and extractions from mobile devices created by MPE+ can be used and integrated into FTK seamlessly.

The supplier of this software package has to be able to provide unlimited training to our users on all forensic and e-discovery tools including but not limited to the following topics:

- Basic and advanced operations of the software packages
- Interoperations among computer and mobile device forensic tools and litigation support software