



MobileCheck

Forensic Solution for Mobile Phones & Smart Phones



MobileCheck is a forensics solution for Smart phones, Basic phones, PDAs and GPS Devices. The tool supports acquisition, analysis and reporting of evidence from mobile devices. The major tools in the solution are **MobileCheck Imager** and **MobileCheck Analyser**.

❖ MobileCheckImager

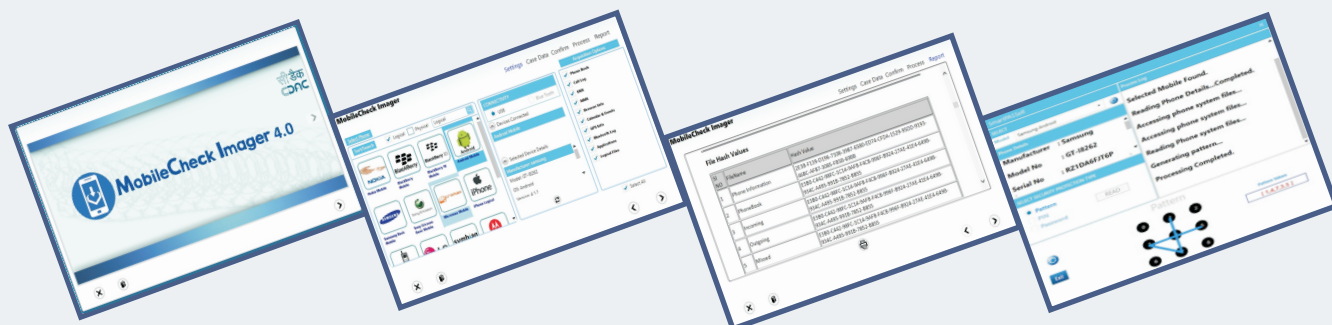
The tool is used to generate forensics images of various types of mobile devices.

Major Features

- ▶ Supports **13000** phone models of various brands
- ▶ Supports **logical** and **physical** and backup acquisition
- ▶ Acquisition using boot loader method for Android devices.
- ▶ Supports backup generation with APK downgrade in Android devices.
- ▶ Generate raw images in the physical acquisition
- ▶ Extracts Device details, Address book, Call log, Social networking information, SMS/MMS, E-mails, Calendar, Tasks, Web browser logs, Bluetooth logs, Event logs, Apps Details, File system etc.
- ▶ Supports **SHA256/MD5 hashing**
- ▶ **Smart PASSer** - phone unlocking facility
 - ◉ Supports Pattern, PIN and Password unlocking of Samsung Android devices

▶ Supported Devices

- ◉ **Smart Phones**
 - ◆ iPhone, Android, Blackberry, Windows Phone, Windows Mobile and Symbian
- ◉ **Basic phones**
 - ◆ Nokia, Samsung, Sony Ericsson, Micromax, LG, Motorola, Lava, Huawei, Karbonn and CDMA phones etc
- ◉ **PDAs**
 - ◆ WinCE, Palm OS
- ◉ **GPS Device**
 - ◆ MapMyIndia, Garmin and TomTom devices
- ◉ **Memory Cards**





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❖ MobileCheck Analyser

MobileCheck Analyser enables investigators to perform complete analysis of the acquired phone image with its various built-in features. The tool supports recovering evidence from physical/ logical/ backup images of mobile devices and generates a comprehensive report.

Major Features

► MobileCheck File Views

- Analysis summary
- Detailed view of Address book, Call logs, SMS/MMS, E-mail, File system etc
- Recovery and display of deleted data
- Built in Document, Multimedia and Web content viewers
- Exif/Xmp information from pictures
- Built in SQLite and PList File viewers
- Gallery view of pictures, multimedia and database files
- Plotting of Geo-locations in Google maps from GPX files
- Analysis of raw images from other mobile forensics tools

► Social networking Apps analysis

- Facebook, Skype, Instagram, Snapchat, Kik, Viber, Hangouts, Telegram, WhatsApp, Evernote, Twitter, Instagram, LinkedIn, Dropbox, Google Plus, Yahoo Messenger, iMessage, Xender and ShareIt

► Visual Analytics

- Link analysis of multiple cases and images with filtering facility.
- Timeline analysis of phone events

► Search Facility

- Keyword search, File search, Internet history Search, Search in file contents Grid search & Global search
- Keyword search in multiple case images

► Efficient Case management

- Support to customise case details
- Feature to perform multiple case analysis simultaneously
- Supports restoration of the last case on application re-launch

► Reports

- Customized report generation with user inputs
- Facility to attach evidence files

