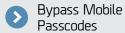# XRY
Physical

XRY Physical is a software package for the physical recovery of data from mobile devices. The memory dump from each individual device is a complex data structure, so MSAB has developed XRY Physical to make it easier to navigate this wealth of information. XRY Physical is the next step up from XRY Logical and includes a full XRY Logical license.

With this tool, our software engineers have developed a forensic method to secure the handset's raw data from a mobile device (sometimes referred to as a hex-dump) and offer the ability to overcome security protocols on many devices and decode that raw information.

- Smartphone App Support
- Recover Deleted Data
- Bypass Mobile Passcodes
- Mobile Device Physical Examinations

Get More Data

MSAB's widely used XRY Logical software enables law enforcement agencies to perform 'Logical' data acquisition. This is a forensic process used to communicate with and read the contents of the device; which typically generates live information. XRY Physical includes a full XRY Logical license and has the advantage that it can reveal protected and deleted data, which may not be available through a purely logical analysis. Crucially, using XRY Physical, it is also possible to recover data from security locked phones.

Deleted Data Recovery

XRY Physical is different because it lets forensics specialists push investigation even further by performing a physical data acquisition – a process generating hex-dumps from the phone memory, typically bypassing the device operating system. This frequently leads to the recovery of deleted information.

XRY Physical supports acquisition of internal memory and removable media. Additionally, XRY Physical allows users to generate hash values of the memory image, as well as individually decoded files. With the expert knowledge from a team of dedicated developers, MSAB has a comprehensive understanding of each individual phone's unique memory structure.

Hex viewers

XRY Physical automatically shows users the data from the most relevant portions of phone memory. It allows examiners to explore even deeper with the use of XAMN. By activating source mode in XAMN, users will see the hex code for verification of the original raw data.

Through a process of dumping raw data followed by automated decoding to reconstruct the content – XRY Physical can secure a whole new layer of valuable data for investigators and forensic examiners.

Features
- Windows Based Software Solution
- Unique Help File for Every Device
- Easy Data Extraction
- HEX Analysis of Data
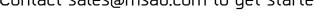- Hash Algorithms

Tools
- DVD Burning Wizard
- Clone SIM Cards
- Clean Registry
- Convert Old XRY Files
- License Updates
- Download Updates

Minimum Requirements

For the full list of recommended specifications, see MSAB.com/XRY
- Intel 6th Generation (Core i3 or above) processor, 16GB RAM, 1 USB-port
- 4 GB space for installation
- 500 GB space for data storage
- Windows 10
- 1600 x 900 resolution
- Microsoft .NET Framework 4.7.2

Contact sales@msab.com to get started

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