



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.

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 has the advantage that it can reveal protected and deleted data, which may not be available through a 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 our hex viewer application XACT, supplied with XRY Physical. Alternatively, users can quickly view the source data in XAMN Spotlight. By activating source mode in XAMN Spotlight, 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

- CD/DVD/Blue-ray Burning Wizard
- Clone SIM Cards
- Clean Registry
- Convert Old XRY Files
- License Updates
- Download Updates

### REQUIREMENTS

- Intel 6th Generation (Core i3 or above)
- 8GB RAM
- 1 USB-port
- Windows 8 - Windows 10 recommended (64Bit only)
- 1600 x 900 resolution minimum
- Microsoft .NET Framework 4.7.2



Contact [sales@msab.com](mailto:sales@msab.com) to get started

# MSAB

Trusted Partner in Digital Forensics