XRY PHYSICAL

FOR THE PHYSICAL RECOVERY OF DATA FROM MOBILE DEVICES

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 MICRO SYSTEMATION 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 automatically decode that raw 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. Micro Systemation'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 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 whole memory image, as well as individually decoded files.

With the expert knowledge from a team of dedicated developers, Micro Systemation has a comprehensive understanding of each individual phone's unique memory structure. XRY Physical automatically shows users the data from the most relevant portions of phone memory and then allows examiners to explore even deeper with

MICRO SYSTEMATION

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the use of our hex viewer application XACT. XACT is supplied free of charge with the XRY Physical package.

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

INCLUDED IN THE XRY PHYSICAL PACKAGE

- >> XRY Application software and licence key
- >> Briefcase with cable organiser
- >> XRY Communication unit
- >> XRY Physical mobile phone cable kit
- >> 12 month Physical software licence
- >> Write protected memory card reader
- >> XACT hex viewer software application
- >> Contact cleaning brush
- >> Free support by phone, web forum or e-mail
- >> Free software maintenance and upgrades
- >> New cables released included in the price
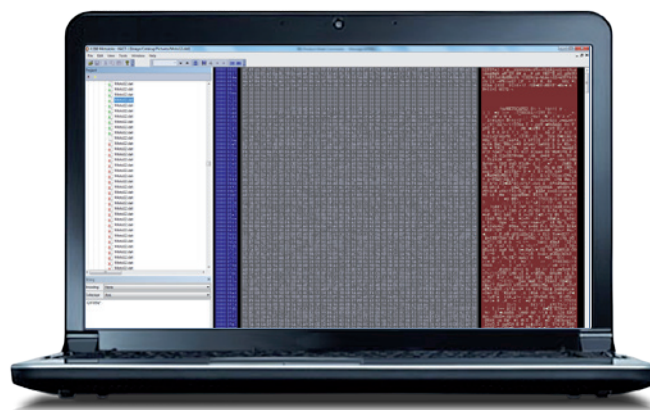
SPECIFICATIONS

PC requirements
Intel® Atom Processor 1.33 GHz, 1 Gb RAM, Minimum 2 USB ports

Operating system requirements
Microsoft Windows 7, Vista, XP SP3 (32 bit systems only)

Power requirements
AC 100–240 V | 50–60 Hz

Packaged weight
4.5 kg (9.9 lbs) approx

Case dimensions
45 cm x 25 cm x 17 cm (18" x 10" x 7") approx

Warranty
Standard 24 months

XRY LICENCE INCLUDES

Customers with registered licence: **Free cables** | **Free software updates** | **Free technical support**
Extended warranty available on all equipment manufactured by Micro Systemation whilst the XRY software licence is maintained.

FUNCTIONS

- >> Mobile phone
  Physical examinations
- >> GPS device
  Physical examinations
- >> Memory card
  Physical examinations
- >> File importing
- >> Hex viewing
- >> Hash algorithms
- >> File signature analysis
- >> Selective extraction of data

MEDIA VIEWERS

- >> QuickTime
- >> Windows Media Player
- >> User configurable

SEARCHING

- >> Match whole word
- >> All views
- >> Current views
- >> Selected views

EXPORTING

- >> Excel
- >> Word
- >> Open Office
- >> XML
- >> Google Earth
- >> Print

REPORT CONTENT CAPABILITY

- >> Summary
- >> Case data
- >> General information
- >> Network information
- >> Contacts
- >> Notes
- >> SMS and MMS
- >> Pictures, video and audio
- >> E-mail
- >> Documents
- >> Files
- >> Device overview
- >> Log

TOOLS

- >> CD / DVD /
  Blue-ray burning wizard
- >> Clone SIM cards
- >> Clean registry
- >> Covert old XRY files
- >> Licence update
- >> Download updates

FEATURES

- >> Windows based software solution
- >> Unique help file for every device
- >> Easy data extraction
- >> Immediate reporting