



New forensics tool standard for mobile phone investigations

## XACT–Mobile phone investigations go deeper

XACT allows forensics specialists to perform physical data acquisitions that recover deleted information from confiscated mobile phones without compromising the quality of the information and their legal standing in court.

### XACT enables acquisition of deleted data

XACT from Micro Systemation AB provides mobile phone forensics specialists with the tools that enable them to perform highly sophisticated “physical” data acquisitions from confiscated phones and allows for the recovery of deleted information.

Micro Systemation’s widely used .XRY enables law enforcement agencies to perform “logical” data acquisition forensic process used to read information contained in confiscated phones and generate ready-to-use reports for legal, investigation, or intelligence purposes. The new XACT lets forensics specialists push investigation even further by performing physical data acquisition – a process generating Hex-dumps from the phone memory and allowing the recovery of deleted information.

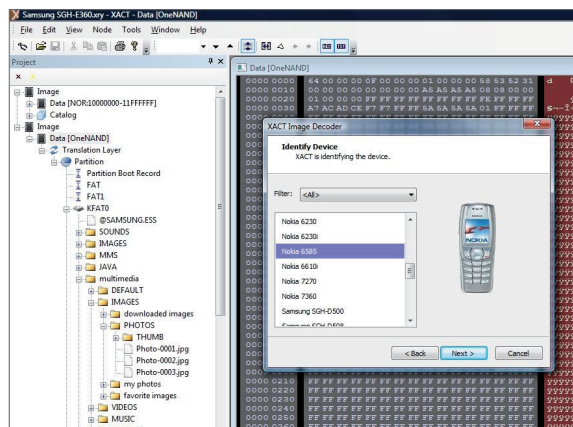
In most cases, .XRY enables any investigation of most information contained in a confiscated mobile phone, including deleted SMSs recovered from the SIM card, to be concluded quickly and efficiently. XACT allows customers to go deeper by acquiring data from locked phones and deleted information not available to .XRY.

### XACT completes Micro Systemation’s range of forensic solutions

The new XACT, a product that completes the Micro Systemation range, enables forensics specialists to securely dump memory of mobile phones and memory cards, followed by automated decoding to reconstruct the content. XACT is a complete solution that includes hardware, software and cables – all the tools required to access from phones and memory cards. A key benefit of XACT is the ability to access protected and deleted content that may be critical to a police investigation.

### Alternative methods are risky and time-consuming

Without XACT, enforcement officials have relied on non-forensics tools to dump and decode information



manually, a process that can take days or even weeks. These procedures also run a high risk of compromising the quality of the information and consequently their legal standing in a court of law.

Existing methods used often put the evidence at risk, sometimes even corrupting the phone and destroying the evidence in the process. XACT provides protection to the data our customers dump and decode.

The first version of XACT will support Hex-dump for a number of commonly used mobile phones and decoding for some of them, with later versions covering many more phone products.

### Technical specifications

#### Dumps memory on physical memory

Gives access to protected and deleted content | Uniform procedure for all supported devices | All needed hardware included | Supports internal memory and removable media | Hash values of memory image

#### Automated decoding of memory contents

Reconstruction of logical data structures | Reconstruction of deleted data | Import of source data | Presentation of data in conventional .XRY application

#### Tools for manual analysis

Powerful search function | Binary difference | Manual structuring | Export of data for further analysis



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