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A big step forward: New XACT enables acquisition of deleted data

Solna, Sweden. With the launch of XACT, Micro Systemation provides mobile phone forensics specialists with the tools to perform highly sophisticated “physical” data acquisitions from confiscated phones or memory cards and allows for the recovery of deleted information.

Until now, Micro Systemation’s widely used .XRY enables law enforcement agencies to perform “logical” data acquisitions—a 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 investigations even further by performing physical data acquisitions—a process generating hex dumps from 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 SMS recovered from the SIM card, to be concluded quickly and efficiently,” explains Joel Bollö, Micro Systemation CEO. “With XACT, our customers can 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,” says Bollö. “XACT provides protection to the information 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.