

MSAB

# The Ecosystem of mobile forensics

DESIGNED FOR EFFICIENT DIGITAL INVESTIGATIONS



Extract

Analyze

Manage

A blurred, low-angle photograph of a busy city street with many pedestrians walking across a crosswalk. The scene is dimly lit, suggesting dusk or dawn, with long shadows cast on the pavement. The overall color palette is muted, dominated by blues and greys.

# MSAB

Trusted Partner in Digital Forensics

# A complete solution

## **To empower organizations and conduct efficient, effective investigations**

Mobile phones are used in all types of investigations and these devices leave critical evidentiary traces. Investigations can be solved quickly and effectively if the evidence is available immediately for interview with suspects at the time of their arrest. However, that can't happen if you have officers waiting weeks for a forensic report to be returned from a remote forensic laboratory staffed by specialist experts.

Digital evidence is often the most critical factor in investigative and intelligence work and mobile devices are usually the most relevant. Too often however, the power and potential of mobile forensics is not being realized. There is strong evidence of operational efficiency that shows that putting tools into the hands of frontline personnel, which enables them to extract data locally, will speed up the results and save money. This leads to faster suspect processing, increased detection rates and reduced overall costs of investigation.

The MSAB Ecosystem approach helps organizations unlock the full potential of mobile forensics to help them fulfill their missions. It helps eliminate processing backlogs, improves the speed and effectiveness of investigations and provides the oversight and reporting that managers need for efficient, high performance operations. It will ensure consistent quality of digital evidence through the use of tailored workflows that follow your organization operating procedures with the need for minimal personnel training.



Are you at the place?

At meetup

See U tomorrow

Luka is also here

Calling U soon

Don't do it

IMG 2987

IMG 16754

Phone X1

CALLING

ACT 10

# The MSAB Ecosystem

## New possibilities to improve digital forensics operations

MSAB – as a pioneer of the mobile forensics industry – has dedicated its mission to enabling organizations to make digital forensic improvements that matter.

Based on our expertise and global customer experience, we have carefully designed our system to meet the needs of modern investigations, adding new tools and applications to our existing well-proven trusted technology.

The MSAB Ecosystem is divided into three areas: Applications, Platforms, and Services. Combined together these solutions encompass a range of tools for different missions, situations, and user roles.

**XRY** is now faster than ever and supports decoding of data from all types of devices starting with simple feature phones, through to the most challenging iOS and Android smart devices.

**XAMN** has evolved to offer a high quality user experience and provides incredibly versatile views of all the data recovered for both investigator and analysts.

The **XEC** product range allows for greater supervision and operational support than ever before. Together they form a complete mobile forensics Ecosystem solution that enables you to use all your resources more efficiently than ever before.

# The Ecosystem of mobile forensics

## XRY

### The XRY family

The industry standard to extract forensic data from mobile devices.

## XAMN

### The XAMN family

A suite of flexible analysis tools to visualize and reconstruct data for examination.

## XEC

### The XEC family

Efficient tools for management, administration and process related use.



#### XRY Logical

Extract and recover data communicating with the operating system.



#### XRY Physical

Extract and recover raw data directly from the device memory.



#### XRY Cloud

Extract and recover data from connected cloud based storages.



#### XRY PinPoint

Extract and recover data from non-standard mobile devices.



#### XRY Express

Controlled workflows for speed, efficiency and compliance



#### XAMN Viewer

Easy to use tool to review XRY-files.



#### XAMN Spotlight

Powerful multi-mode review and search tool.



#### XAMN Horizon

Overview of device files with multiple different visualizations.



#### XAMN Elements

Examine binary data with the aim of re-constructing context.



#### XEC Director

Remote management of systems and users.



#### XEC Export

Batch export and conversion of XRY-files into other formats.

.xry

### The .xry file format

The XRY-file holds evidence securely throughout the investigative process, from the initial acquisition through analysis to the final presentation of evidence.

# Applications for the whole investigative process

## **Msab products and their unique abilities**

Our software applications are divided into three product families; XRY, XAMN and XEC, each dedicated to different stages of an investigation: extraction, analysis and management.

**XRY:** A powerful, intuitive and efficient software that lets you securely extract targeted and more high quality data from mobile devices in less time than ever before, whilst fully maintaining the integrity of the evidence for chain of custody. The XRY family of tools is the flagship of the MSAB portfolio.

**XAMN:** A powerful solution that helps you to find critical evidence faster and analyze large data more effectively. Whether your mission is to gather and report intelligence, prevent crime or quickly produce solid evidence, XAMN enables the fastest possible route from data overload to finding key items of relevance and evidential reporting.

**XEC:** A centralized management suite that allows you to connect tools from a single point, transfer data and manage all of your MSAB applications, in order to reduce administration costs, build, tailor and streamline a truly complete and efficient mobile forensics system for your organization.

All these applications work in combination to meet the increasing need for efficient management, deployment and reporting of forensic tools, driven by the growing importance of mobile data.

# Platforms for every occasion

Our platforms offer a range of hardware solutions, specially designed for the MSAB software products – and most importantly, they are designed for the different needs of our customers in law enforcement, military and government agencies. We offer five platforms:

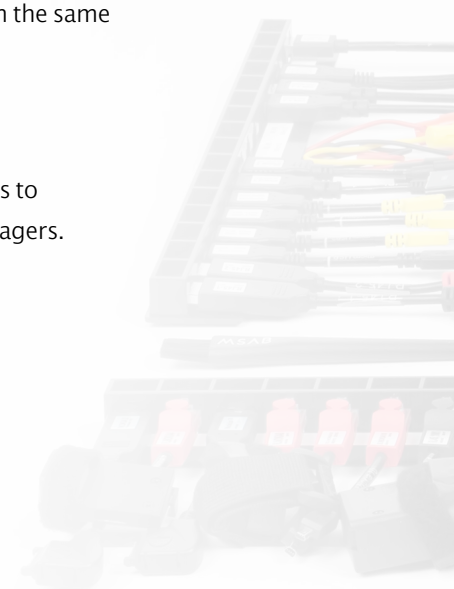
Our platforms are divided into two options: **open** and **turnkey**.

## Open Platform solutions:

Open platforms are traditional software applications designed for Windows computers with point-and-click-interfaces that can run other applications required by the user on the same machine.

## Turnkey Platform solutions:

Turnkey platforms are locked down hardware systems with touch screen interfaces to minimize the need to train and educate users and ensure standardization for managers.





# MSAB Platforms

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## Open platforms



### MSAB Office

The all-in-one mobile forensic software package from MSAB that you can install on any Windows based computer. MSAB Office is designed to allow full flexibility with respect to configuration and functionality.



### MSAB Field

Ideally suited for mobile units in demanding conditions who need rugged, self-sufficient forensic kits which are flexible, quick to use and easy to link to headquarters or remote computers. MSAB Field is the ruggedized version of MSAB Office supplied with a Toughbook computer.

## Turnkey platforms



### MSAB Kiosk

A powerful turnkey solution for fast extractions in a controlled environment. The MSAB Kiosk allows organizations to scale their extraction power by enabling users with minimal training to process many devices from a fixed location.



### MSAB Tablet

A lightweight portable solution designed to quickly extract and recover data. The MSAB Tablet can be configured for different levels of forensic ability to minimize the training requirements, for users on the move.

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## Android platforms



### Raven

A mobile device triage toolset in an extremely portable package designed for operators in the field who need to speedily extract data from mobile devices to make quick informed decisions. Raven runs as an App on most modern Android based smartphone platforms.

# Services



## Strategy

We offer customized studies to identify user demands and recommend the right solutions tailored specifically for your organization.



## Access Services

MSAB experts use advanced techniques to enable access to the most challenging devices.



## Support

We offer comprehensive and easily accessible technical support 24/7 by phone, email, web and customer forum.



## Implementation

We help you with installation, resourcing and adaptation of your investment and resources to fine-tune your processes.



## Training

We educate and empower your team to ensure they know how to fully use our products and features to get the very best out of your investment.

# Professional Services there for you at every step

## **A Holistic Solution for Mobile Forensics**

Complementing our cutting-edge software and hardware, MSAB also provides professional services to allow you access to our highest level professional skills and experience.

MSAB helps organizations to leverage the full potential of mobile forensics. We assist with all steps from discovering opportunities for improvement and defining strategy, to setting up and optimizing your capability for mobile forensics.

MSAB can help you discover and develop how to speed up device throughput, implement policy workflows, boost user skills, and increase your success rates using mobile forensics.

We look into the unique needs and complexities of your organization to find the best solutions in close partnership in a consultative process.

MSAB

[www.msab.com](http://www.msab.com)