

# XRY INVESTIGATOR TRAINING



## WHAT DO YOU KNOW ABOUT MOBILE DEVICE FORENSIC DATA ANALYSIS?

- >> ARE YOU AWARE THAT MOBILE DEVICES STORE A WHOLE HOST OF USEFUL INTELLIGENCE?
- >> DID YOU KNOW THAT LOCATION DATA CAN BE RECOVERED FROM MOBILE DEVICES?
- >> DID YOU KNOW THAT SMARTPHONE APPS LIKE SKYPE CAN SHOW VOIP CALLS?
- >> DID YOU KNOW THAT DELETED TEXT MESSAGES & PICTURES CAN OFTEN BE RECOVERED?

If you are an investigator, intelligence operative or analyst then we can provide you with a valuable one day training course to give you a detailed overview of this important sector.

Our training can help you increase your understanding of the latest forensic tools and capabilities currently available for mobile devices, including mobile phones, smartphones, GPS devices and tablet computers such as the Apple iPad and Samsung Galaxy Tab.

With our one day investigator training course you will gain an immediate appreciation for the types of evidential data and actionable intelligence that

can be recovered from a mobile device. You will understand how the data is recovered and when & where to find the useful elements for law enforcement, military and intelligence operations.

Understanding the difference between certain types of mobile devices and the methods with which the data is extracted is fundamental to appreciating what sort of intelligence material can be gathered. With our training course you will be able to understand what you can expect from any particular device in advance and just as importantly why.

### TARGET USERS

- >> Law Enforcement
- >> Military and Intelligence Agents
- >> Intelligence Analysts and Investigators
- >> Corporate Security Personnel

### COURSE DATES

Further information regarding course dates and prices is available on [www.msab.com](http://www.msab.com).

### LENGTH OF COURSE

1 day training.

### ON-SITE TRAINING

XRY training is available at your location. For more information, please contact [training@msab.com](mailto:training@msab.com).



## COURSE DESCRIPTION

The investigator training course will enhance your knowledge of how to analyse data from mobile devices using the XRY Reader software. The training covers analysis of submitted reports and how best to present the digital data extracted from the XRY system.

After completion of the course, students will confidently be able to understand what types of data that can be made available to investigators, depending on the device type, as well as have the skills to analyze forensic intelligence reports from the XRY system in depth.

### INTRODUCTION

- >> XRY vs XRY Reader
- >> Type of device; SIM/handset/memory card/GPS
- >> Logical vs. Physical (live or deleted)
- >> Goals in analyzing phone forensic data
- >> Terminology; ICCID, IMSI, IMEI, MSISDN
- >> Cable, Bluetooth and IR impacting what is recovered
- >> Using the XRY Device Manual to assist

### IDENTIFYING ASSOCIATION AND COMMUNICATION BETWEEN INDIVIDUALS

- >> The basics; calls, contacts, SMS and Email
- >> Advanced; Previous SIM details, Bluetooth pairings, Facebook, Skype etc.
- >> Examples from  
Regular handset  
Mixed smartphones – e.g. iPhone, Blackberry, Android, Symbian, Windows Mobile/Phone
- >> Reliability of data recovered (e.g. timestamps etc.)
- >> Searching an XRY file for specific data and analysis
- >> Exporting XRY files to HTML, XML and Excel reports

### IDENTIFYING GEOGRAPHICAL LOCATIONS

- >> GPS Exif in digital photographs (e.g. iPhone, Android)
- >> Route and location information from Sat Navs
- >> XRY Export to Google Earth / GPX formats
- >> Demonstrate saving subsets and password protection in XRY Reader

### GETTING THE MOST OUT OF XRY READER

- >> Viewing multimedia data (e.g. launching a video player, Exif data in JPGs)
- >> Exporting multimedia data
- >> Annotating an XRY report (Examiner Notes)
- >> Using the Watch List Functionality

### GETTING THE MOST OUT OF FORENSIC EXAMINERS

- >> What to expect in XRY reports
- >> Requests for additional information
- >> FAQs