

XRY PHYSICAL CERTIFICATION



XRY PHYSICAL PROVIDES A FAST, EFFICIENT AND SECURE METHOD TO GO FURTHER WITH THE RECOVERY OF MOBILE PHONE DATA. THE RECOVERY OF PHYSICAL DATA (HEX-DUMPING) FROM MOBILES IS AN ADVANCED FIELD OF MOBILE FORENSICS AND OUR SPECIALISED TRAINING YOU WILL BE MORE EFFECTIVE AND CONFIDENT ABOUT USING THIS TECHNOLOGY.

Whether you are an experienced phone examiner or a brand-new investigator, Micro Systemation Training can help you increase your forensic competence. You can become knowledgeable, productive and efficient in the forensic recovery of data from mobile devices.

Maximise the potential of your forensic system with our official certification training program. Successful completion of these courses will result in the issue of a certificate to assist with demonstrating your ability to meet the required competencies of a mobile forensic examiner.

- Do you know how to recover data from memory dumps which XRY Physical has not automatically decoded?
- Can you confidently use XRY Physical to search memory dumps for traces of previously inserted SIM cards?

- Do you understand all the features and functionality of our XACT Hex Viewer application to assist you in tracing the source of data files
- Would you like to know how to quickly check for specific file signatures amongst all the raw binary data to get back additional information?

XRY Physical training helps introduce you to our system from the beginning and take you through all the features and functionality available to ensure you get maximum value from your investment. This course introduces XRY Physical and the XACT application explaining the available functionality; covering everything from an introduction to Hexadecimal through to how to perform a physical dump and manually decode deleted data from mobile phones.

More information on next page ►

COURSE OUTLINE

DAY 1

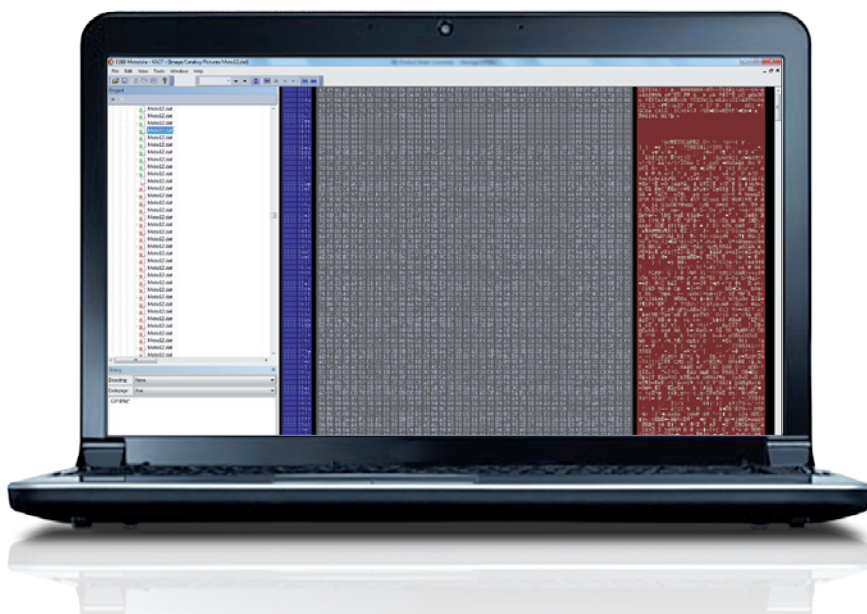
- >> **XRY Physical**
Installation of software and hardware
- >> **Memory dump**
Decode
- >> **Handset 1**
Architecture
- >> **Decoded data**
Load the data into reader for e.g. viewing, printing
- >> **Handset 2**
Hashing
HEX viewer

DAY 2

- >> **Handset 3**
Automatically decode memory dump
Architecture
File system data
- >> **FAT File System**
Deleted files on a FAT partition
Deleted data may become unrecoverable
- >> **Manual decoding**
- >> **Handset 4**
Memory dump
Search for text strings
Create a "range"
Raw image data
Translation layer

DAY 3

- >> **Handset 5**
Manual decoding
File signature
Hexadecimal data
Export bookmarked data
- >> **Handset 1 or 2**
Physical extracted data
Analysing
- >> **Handset 6**
Reverses engineering
- >> **Memory cards**
- >> **File extension tests**
- >> **Sony Ericsson last accessed date /time**



COURSE DATES

Further information regarding course dates and prices is available on www.msab.com.

TIMES

9 am–5 pm.

ON-SITE TRAINING

XRY training is now available at your location. For more information, please contact training@msab.com.

XRY Physical Certification training is ideally suited for users who:

- Recently purchased or upgraded to XRY Physical and want to learn more about this system.
- Currently using XRY Physical but have never had any formal training.
- A self-taught, experienced phone examiner, moving to XRY as a new forensic tool.
- XRY users requiring refresher training on the latest version to learn about new features.

Whichever category you fit in to, our courses are carefully designed and updated regularly to ensure there's something for all users. Our training courses are always hands-on classroom based with practical exercises to ensure effective

learning. Exercises are based on a variety of handsets from all the major manufacturers.

We recommend all XRY users seek Certification through one of our authorised training courses, with one of our own highly skilled trainers to ensure that they:

- Learn how to maximise the potential of your system and get the most out of XRY.
- Provide confidence on understanding more advanced mobile device examinations.
- Ensure you can demonstrate your competence in court as a certified user
- Assist in demonstrating your skills for any Quality Standards programme.
- Save your organisation time and money by learning how to conduct more efficient and effective investigations.

This three day course is intended to teach existing mobile phone examiners how to get the most out of the XRY system including use of XACT. After completing the course and successfully passing the assessment paper, students will be certified to use XRY Physical.

For this course it is recommended that students have already completed the XRY Logical Certification Training. A small amount of pre-course material needs to be undertaken and understand before attending the training.