



Surveillance Use Policy

MSAB's XRY – Mobile Forensics and Data Recovery Software
San Diego Police Department

PURPOSE

MSAB's XRY software is used to extract cell phone data by members of the Internet Crimes Against Children task force (ICAC).

The XRY software is installed on a task force computer located within the secured task force office. Only task force members have access to the office. That computer is secured in the same manner as any other PC-based software

Once the data is extracted, MSAB's XAMN, part of the XRY software, is used to categorize extracted data into readable reports for assigned investigators.

USE

When proper authority, such as a search warrant or consent, is obtained, cell phones are connected to the XRY tool, and the data is extracted from the phone. XRY is designed to complete the extraction without altering any of the data or adding data to the phone.

Due to the large variety of cell phone models and manufacturers, not all cell phones can be extracted in this way. Only phones that the vendor supports can have data extracted.

DATA COLLECTION

XRY can extract call logs, text messages, emails, photos, videos, contacts, browsing history, app data, and location data. XRY can also extract data from some social media apps on the phone.

XRY's software can also analyze deleted data and hidden files on a device and can recover data that has been deleted.

The extracted data is then stored on the task force's Network Attached Storage (NAS) located in the secured ICAC office.

DATA ACCESS

Only task force members, investigators, and certified forensic examiners, who have been trained and certificated by MSAB and have been authorized by the task force commander to perform extractions may use XRY software.

All new users must receive training from MSAB before being given access to the system.

Only trained investigators are authorized to use XRY to conduct an extraction.



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DATA PROTECTION

XRY software and equipment are stored and maintained in ICAC, a secured office located away from Police Headquarters. Only authorized users have access to the office space and technology.

The XRY software is not located on a department network computer and can only be accessed by logging in to the computer with the software installed. The computer has no internet access and is not accessible by the vendor. Additionally, the software can only be installed through a specific process, it cannot be moved, and the user must be an authorized user with a valid software license. The XRY software cannot be accessed outside of the task force.

DATA RETENTION

Per evidence code sections related to crimes perpetrated against children allowing for historical evidence to be brought forth, extracted data is retained until the death of the suspect.

PUBLIC ACCESS

The data extracted using XRY technology is only used in criminal investigations and is not available to the public. Copies of the data can only be obtained with a court order or through the discovery process.

THIRD PARTY DATA SHARING

Data that has been extracted using XRY technology is not shared without a court order or other legal proceedings such as discovery. The extracted data is considered confidential, and there is no third-party access or sharing. MSAB does not have access to the extracted data.

TRAINING

Investigators and certified forensic examiners who use the XRY software must complete and pass an extensive training program provided by MSAB before using the software.

AUDITING AND OVERSIGHT

ICAC maintains a log of all authorized XRY users. ICAC is also responsible for all XRY software updates and granting access to the system.

Data is only extracted via legal authority, such as a search warrant. Misuse of the system would be reported to and investigated by the task force member's Internal Affairs unit. Violations of the laws, agency policies, or user agreement terms and conditions would subject the task force member to discipline and/or criminal proceedings or civil processes.

MAINTENANCE

The XRY software is controlled and maintained by the vendor and ICAC. The ICAC commander is responsible for monitoring and updating software when new versions are released.