XRY

Drone

POWERED BY

U·R·S·A™

# XRY Drone – access and analyze drone forensic data quickly

Police, corrections agencies, border and military organizations around the globe are actively developing methods to counter the growing threat from drones.

When a drone is recovered, investigators need to extract, decode and view the data quickly – to get actionable intelligence on flight paths, launch locations, images, video, operational logs and other critical data.

XRY Drone enables users to extract and decode data found in the most popular consumer grade DJI drones. MSAB and URSA are actively researching and adding support for additional drone models and applications.

+ ACCESS DRONE DATA

+ SUPPORT FOR DJI DRONES & APPS

+ VIEW FLIGHT PATHS & ESSENTIAL OPERATIONAL DATA

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Drones are exploding in popularity and their operational capabilities are advancing rapidly as well. Unfortunately, they have also proven to be useful tools for criminal actions like carrying phones, weapons and drugs to prisoners in correctional facilities, for illegal surveillance and even for terrorist attacks. When drones used with malicious intent are captured, agencies need quick access to the data inside.

XRY Drone extracts and decodes data fast. Its proprietary file-format ensures integrity in the chain of evidence, a critical factor if the investigation or case may lead to prosecution and trial.

## FLIGHT PATHS, IMAGES, VIDEO AND MORE

Useful drone data can exist in several places, such as the drone's "black box", on a separate memory used to store media files like images and videos, and finally on the smartphone used to control the drone. Combined, the data can tell an incredibly detailed story about where, when, how and by whom the drone was operated.

The black box is the brain of the drone and can contain flight path logs, other GPS data, power usage and speed per engine, serial numbers and more.

Additional onboard memory can carry all image and video files including important metadata.

Most drones are controlled via a smartphone and very often supporting drone app data can be extracted from the phone when it is supported by XRY.

## XRY DRONE IS SEAMLESSLY INTEGRATED WITH XRY

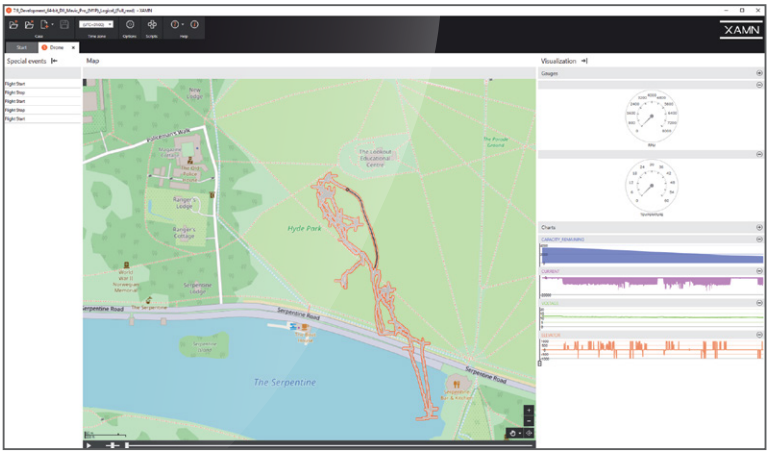
Drones are extracted and decoded using the regular XRY software application. By activating an XRY Drone license, a set of drone device profiles is immediately unlocked and ready for use. XRY Drone can be activated across the MSAB product range of extraction tools as required.

## ANALYZE DRONE DATA WITH XAMN

The extracted drone data can be viewed, analyzed and reported within XAMN. Drone produced videos and images are viewed in the same way as multimedia content from mobile phones, while flight path data can be visualized in a specialist XAMN Drone tab.

The Drone tab uses an interactive map to show you when, where and how a drone was operated. A set of gauges and charts can tell you about the drone's power usage, position, altitude, velocity, roll, pitch and yaw input. A sudden shift in power usage can indicate exactly when and where a payload was dropped for example.

By combining XRY Drone (powered by URSA) with XAMN you will get the best possible chance to recover, decode and display valuable flight data from drones under investigation.




Contact sales@msab.com to **request a quote!**



# PRODUCT HIGHLIGHTS

- Acquire and analyze flight paths, power usage & speed per engine, images, videos, identifying serial numbers and more
- Activate across the MSAB product range of extraction tools
- Ensure integrity in the chain of evidence with the .xry file format

### MINIMUM SPECIFICATIONS

- Windows 7/8/10
- Intel 6th Generation (Core i3 or above) or equivalent
- 8GB RAM
- Microsoft .NET Framework 4.5.
- 2 USB ports
- 256 GB disk space

### RECOMMENDED SPECIFICATIONS

- Intel 7th Generation (Core i5 or above) or equivalent
- 16GB of RAM

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