

# MD-DRONE

Drone Forensic Software that Extracts  
and Analyzes Various Type of Drone Data.



Please contact our team!

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## PRODUCT HIGHLIGHTS

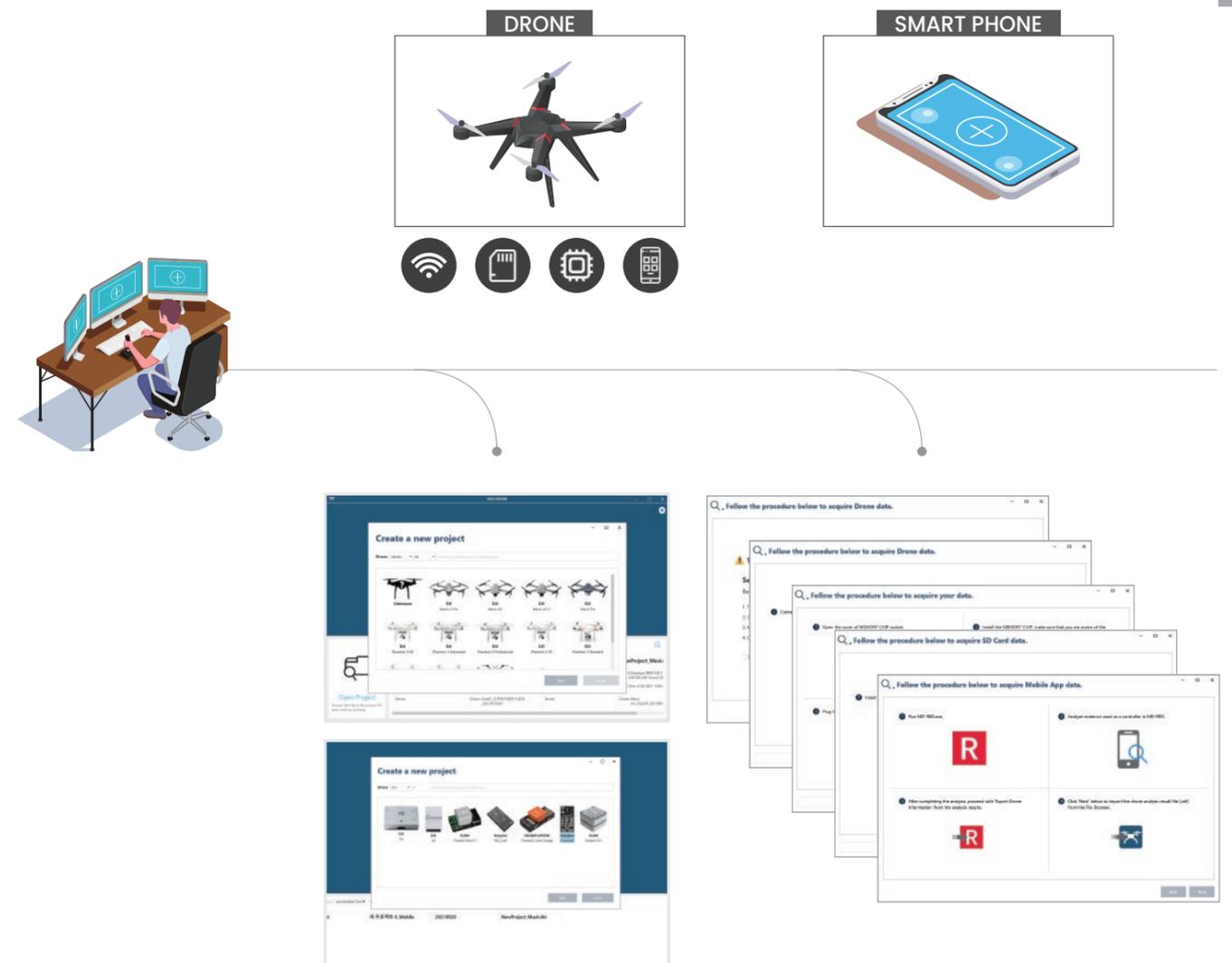
- Provides various extraction methods for wide range of drone devices
- Timeline-based integrated flight data analysis
- Supports flight log and multimedia data view
- Bookmark and alarm notification
- Report and multimedia data exportation
- Provides supported drone device list
- Drone accident analysis by AI & Machine Learning (2022 Q1 Release)

## SOFTWARE INSTALLATION REQUIREMENTS

- OS: Windows 8/10 (64bit)
- CPU: i5 or faster
- RAM: 8GB or above
- Storage: 256GB or more
- Display: 1200x700 or higher
- USB: 2 or more USB 2.0 ports
- Microsoft.Net Framework 4.6.2

## VARIOUS EXTRACTION METHODS FOR WIDE RANGE OF DRONE AIRCRAFT

- Extraction through the drone aircraft USB connection
- Extraction through the network connection (WIFI)
- Extraction through SD card
- Chip-off extraction (Requires chip socket + chip reader)
- Drone App data can be extracted with MD-NEXT and exported with MD-RED
- Provides an extraction guide for each method



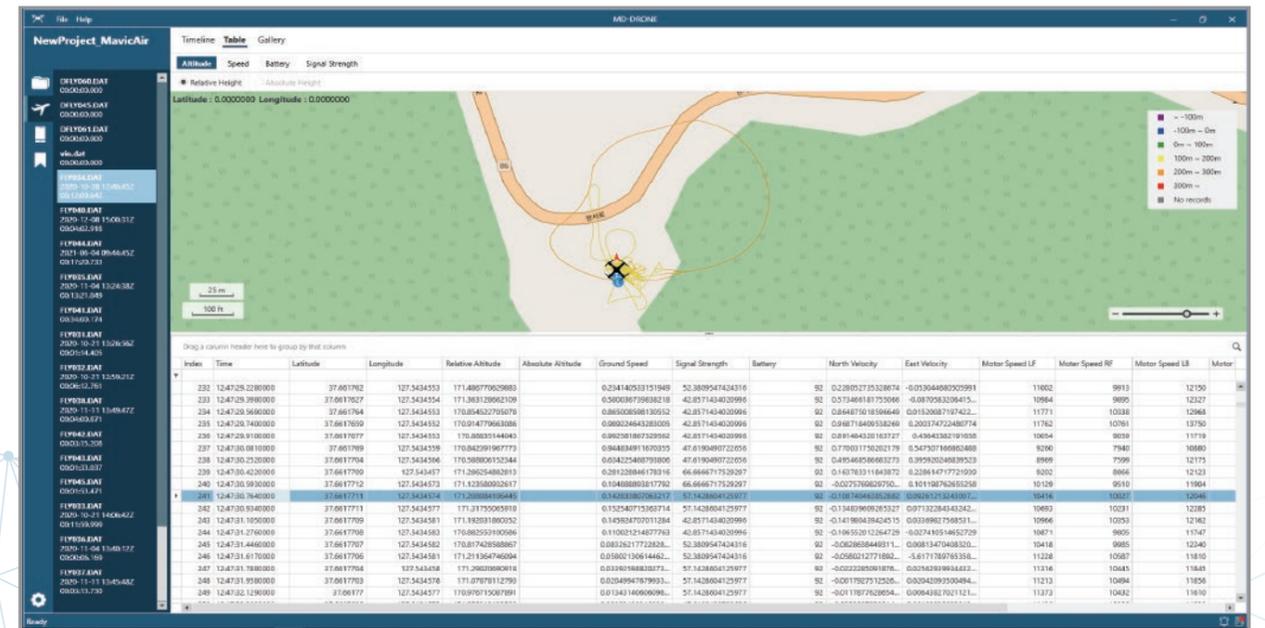
# TIMELINE-BASED INTEGRATED FLIGHT DATA ANALYSIS

- Timeline-based flight parameter values (speed, altitude, value of each motor, etc.) can be viewed in graph format
- Selective evidence data according to the flight time
- Check the drone's position and posture (Yaw, Roll, Pitch) information on the timeline
- Integrated view of flight history and media data
- Playback and reconstruct flight history
- Check the selected media in the timeline chart



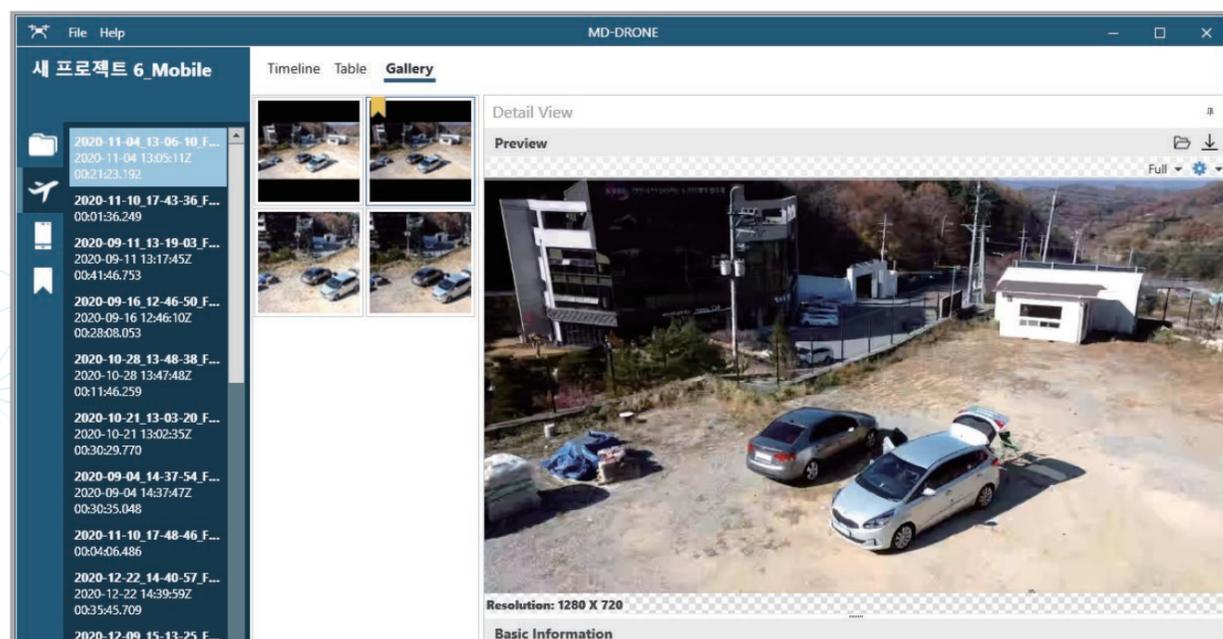
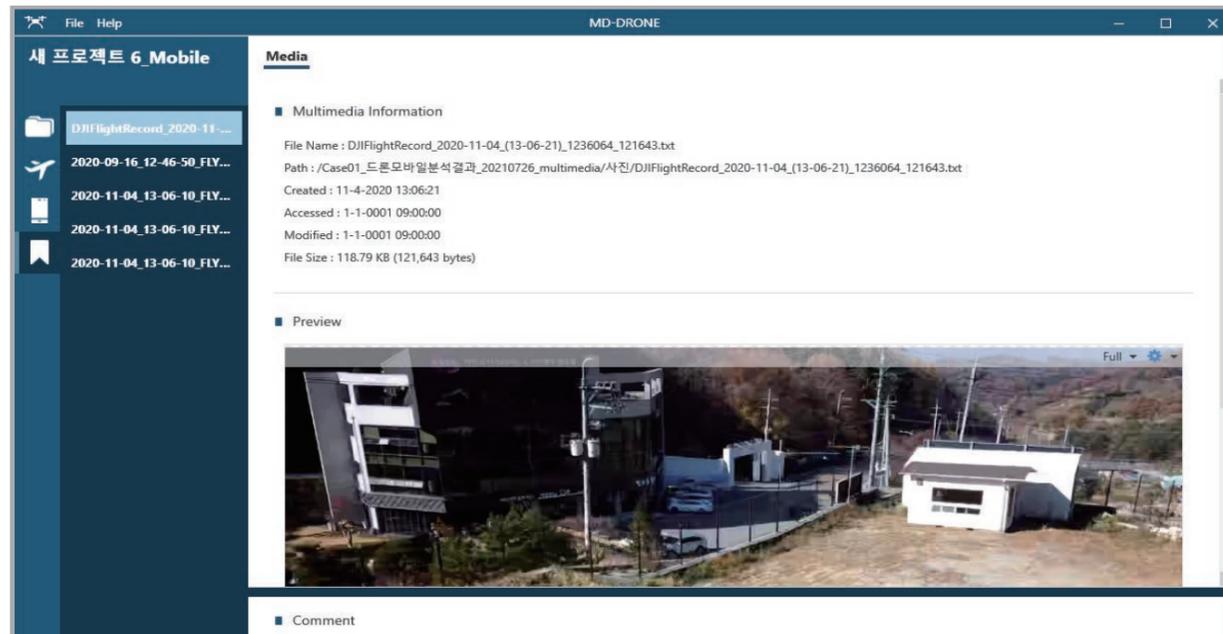
# DATA VIEWER – FLIGHT LOG, DRONE LOCATION, TABLE VIEW

- Check the detailed values of the flight log
- Classify meaningful flight log values such as altitude, ground speed, battery, and signal strength and display in different colors on the map
- Table view of GPS-based drone track, latitude, longitude and movement history
- Check the drone position value by time when selecting the table log
- Sorting flight data in time order
- Intuitive drone movement check through table view



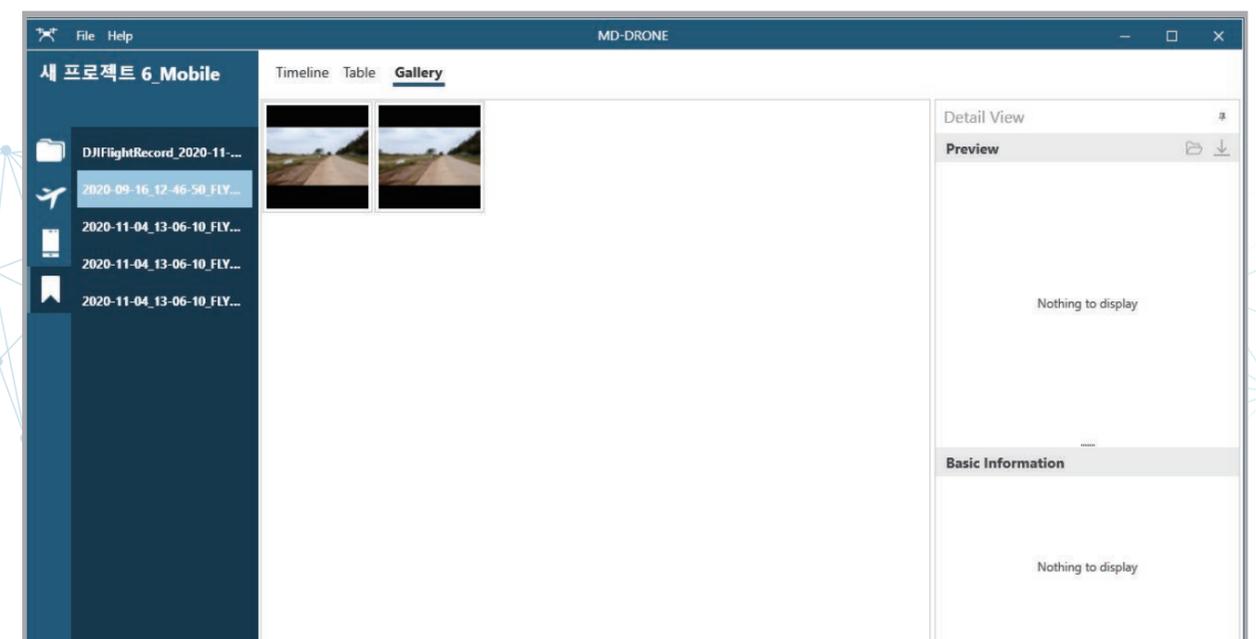
# MULTIMEDIA GALLERY

- Check the multimedia (video, photo) file with the matching time information in the flight record
- Check the data from such as the path, creation date, and size of the saved multimedia file
- Intuitive analysis through the preview feature



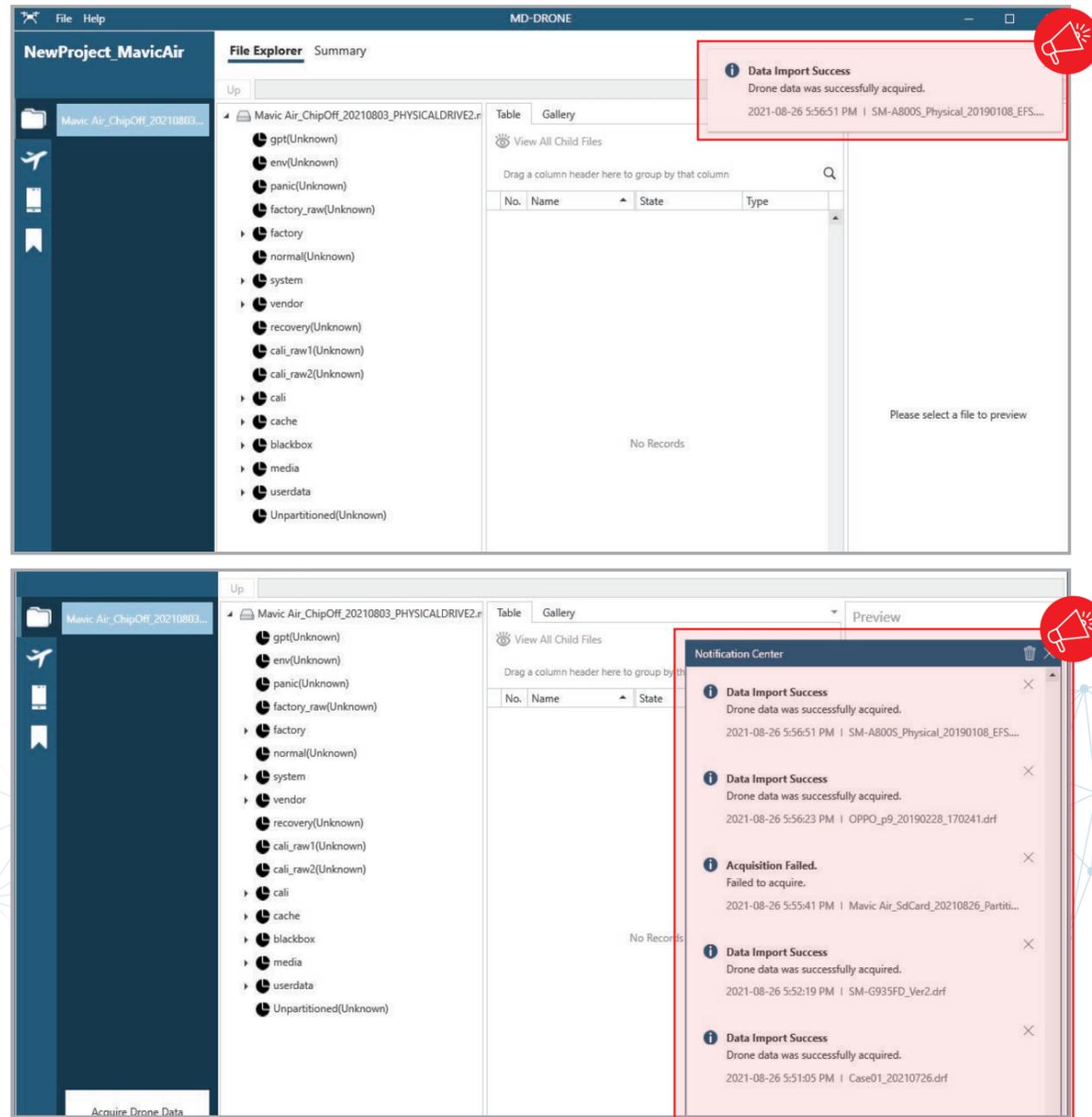
# BOOKMARK

- Supports bookmark feature for flight time range, image and video



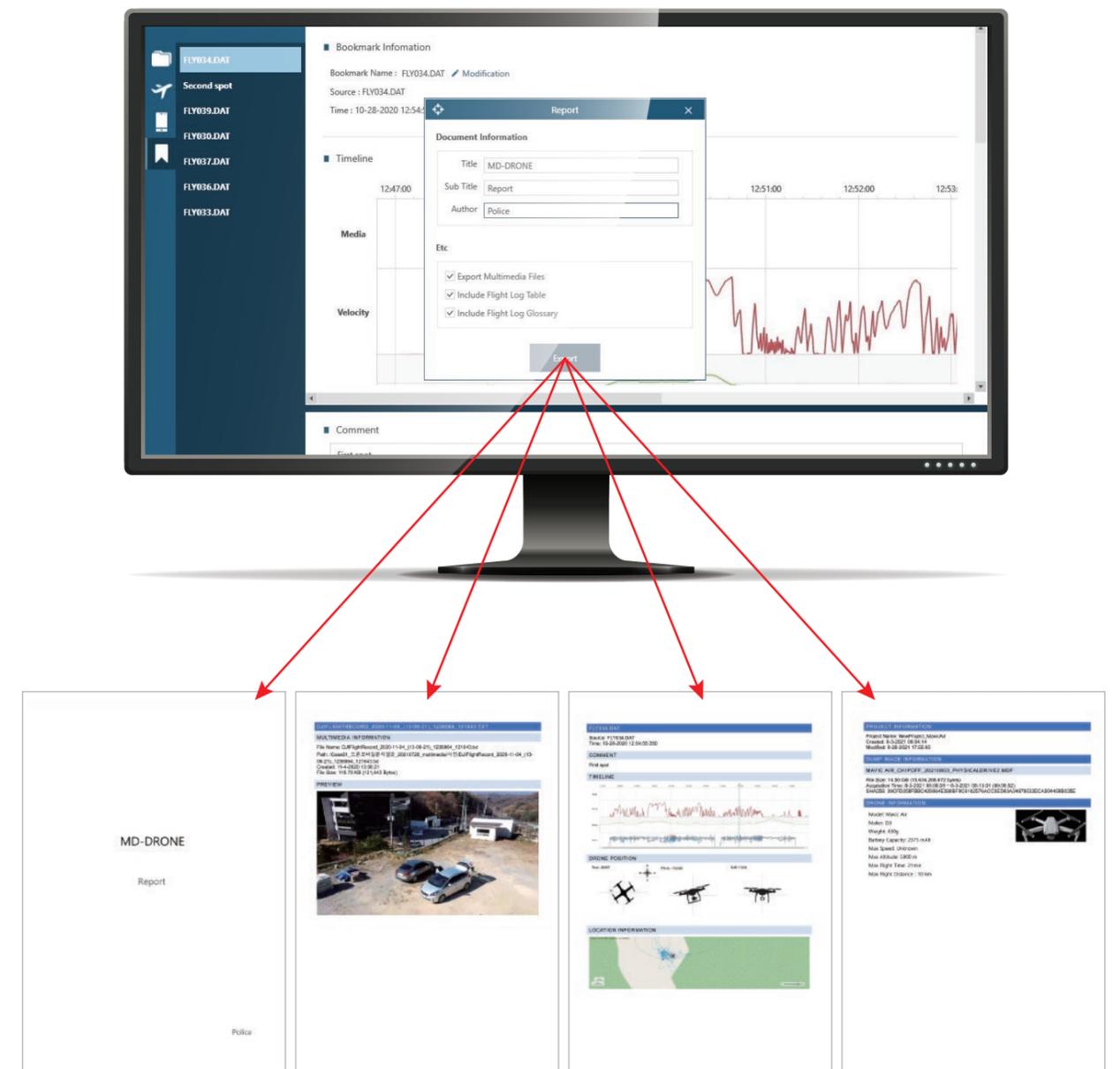
# NOTIFICATION ALARM

- Displays notifications alarm for extraction and analysis while using the MD- DRONE product and this can be checked at the notification center



# REPORT GENERATION

- Supports to export reports in PDF format based on the bookmarked content
- Supports to export each manufacturer's flight log glossary in csv format when drone flight log glossary is included



# MULTIMEDIA EXPORT

- Supports to export the acquired original multimedia data (photo, video) to a designated directory

DJIFLIGHTRECORD\_2020-11-04\_(13-06-21)\_1236064\_121643.TXT

**MULTIMEDIA INFORMATION**

File Name: DJIFlightRecord\_2020-11-04\_(13-06-21)\_1236064\_121643.txt  
 Path: /Case01\_드론모바일분석결과\_20210726\_multimedia/사진/DJIFlightRecord\_2020-11-04\_(13-06-21)\_1236064\_121643.txt  
 Created: 11-4-2020 13:06:21  
 File Size: 118.79 KB (121,643 Bytes)

**PREVIEW**



# SUPPORTED DRONE AIRCRAFT LIST

## AIRCRAFTS

### DJI

Phantom 4 Series  
 Mavic Pro Series  
 Inspire 2  
 Matrice 600

### Parrot

Bebop2

### Sundori

SDR-H-2021, SDR-MI

### EFT

EFT-E610

## FLIGHT CONTROL COMPUTER

### DJI

A3  
 N3

### PixHawk

PixHawk4  
 The Cube, V5+  
 PX4 2.4.6  
 PixHawk New X7  
 PixHawk V5+  
 PixHawk2 Cube Orange



DRONE AIRCRAFT

### DJI

Phantom 4 Series  
 Mavic Pro Series

### PixHawk

PixHawk4 Series  
 PX4 2.4.6 Series

### Yuneec

Typhoon H Plus Series



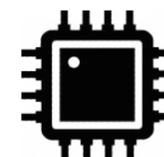
SD CARD

### DJI

Mavic 2 Pro  
 Mavic Air  
 Mavic Air 2

### Parrot

Bebop2



CHIP-OFF