

# MD-VIDEO AI



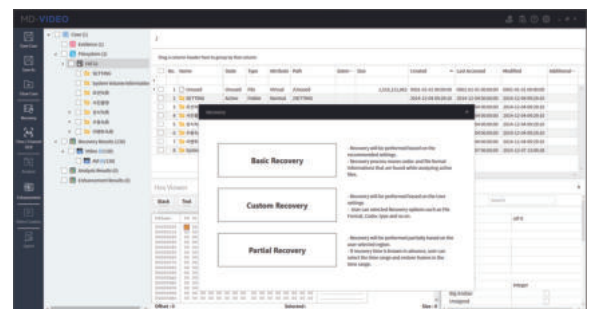
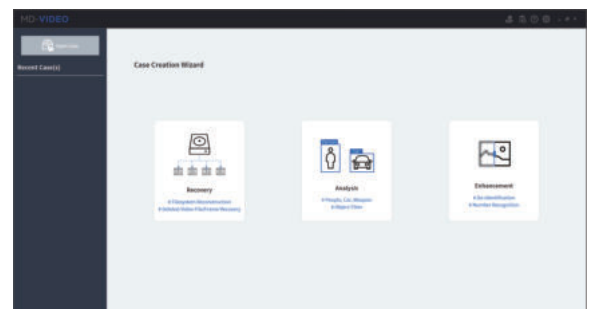
## Video Forensic Software for Recovery AI-based Image Enhancement & Analysis

MD-VIDEO AI is a video forensic software that supports recovery, and analysis of video files. Deleted and damaged video frames can be recovered, and enhancement feature supports to improve the quality of the target frame. Moreover, AI-based video analysis feature enables time-efficient investigation. More than 80 kinds of objects can be detected & recognized. The efficient filtering & sorting options help investigators to easily find the object.

### *MD-VIDEO AI Feature Highlights!*

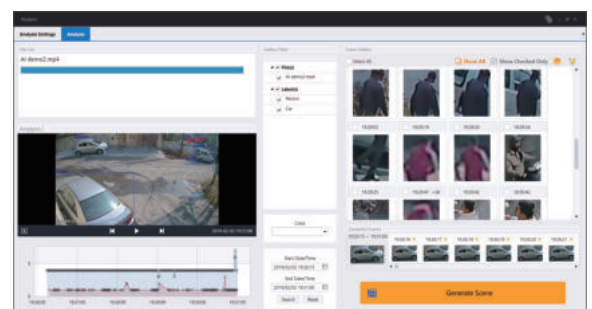
#### Video/Audio Recovery

- Auto-scanning of partition
- Deleted and damaged audio/video file recovery
- Supports extraction from various data sources
- Supports various video filesystems
- Signature-based file recovery
- Frame extraction and reassemble from the damaged video file
- Video frame recovery with the codec information
- Partial recovery for the specific time range of OCR time or time data
- Recovery of time from the meta-data file
- Supports audio stream recovery from File Slack (unused space) of format-free dashcam filesystems



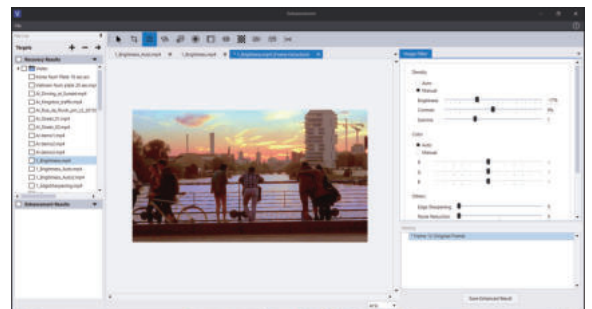
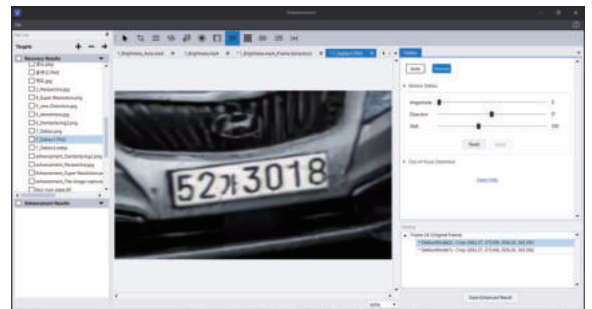
#### Video Analysis

- Object detection
- Video summarization
- Video display quality enhancement
- Restoration of vehicle numberplate



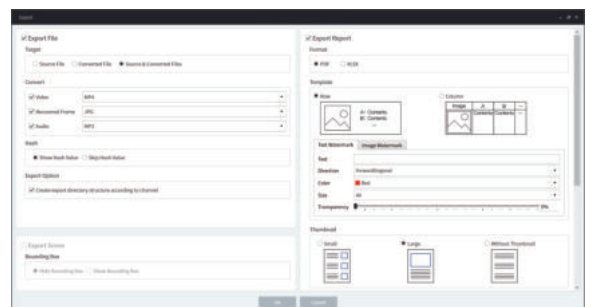
## Image Enhancement

- Crop, zoom, rotate/reverse, filter, color/brightness /contrast, super resolution, motion deblur, perspective transform,
- Lens distortion correction, deinterlacing, focus correction, image overlay



## File Exportation and Reporting

- Export original and converted file
- Format converter
- Summarized scene is saved as playable video file
- Assurance of evidence data integrity
- Supports report formats (PDF, Excel)



## Hardware Acceleration

- Multi-core CPU/GPU support for video analysis acceleration

