

# MORPHO VIDEO AND IMAGE ANALYTIC PLATFORM

ACCELERATE YOUR VIDEO INVESTIGATIONS WITH THE POWER OF ANALYTICS



Law enforcement and intelligence agencies accumulate video content from a multitude of sources. While enormously valuable information can be found in videos, the volume of data makes extraction of this information time-consuming and labor intensive. Morpho Video and Image analytic platform aids video analysts and investigators by processing the video content quickly, and revealing the most relevant data in an easy-to-use interface.

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## VIDEO ANALYSIS FOR INVESTIGATIONS

Video analysis is a major forensic resource. Videos are relied upon throughout the investigation process and during court proceedings.

Since the introduction of video as a forensic resource, the volume of available video data has escalated dramatically, with multiple sources such as CCTV networks, smartphones, social media, and digital evidence. Today, analysts and investigators face a daunting workload that has outpaced investigative resources.

## OPTIMIZATION OF ANALYSIS TIME

Morpho Video and Image analytic platform (MVI) is a platform offering an easy and efficient user interface built on a set of innovative video analytics. The purpose of MVI is to process and analyze large quantities of video data. The embedded algorithms process video sequences by detecting, recording, and classifying the depicted elements of interest.

As MVI sorts through volumes of raw data, the video analyst can start a review based on the most relevant data, saving the time and effort normally spent watching the entire video. In this way, the analyst finds clues faster, and is able to exploit them more quickly. Multiple analysts can work on the same case simultaneously. This accelerates the investigator's work as well. As soon as the analysts' conclusions are received, the investigator can start to review the relevant video sequences.

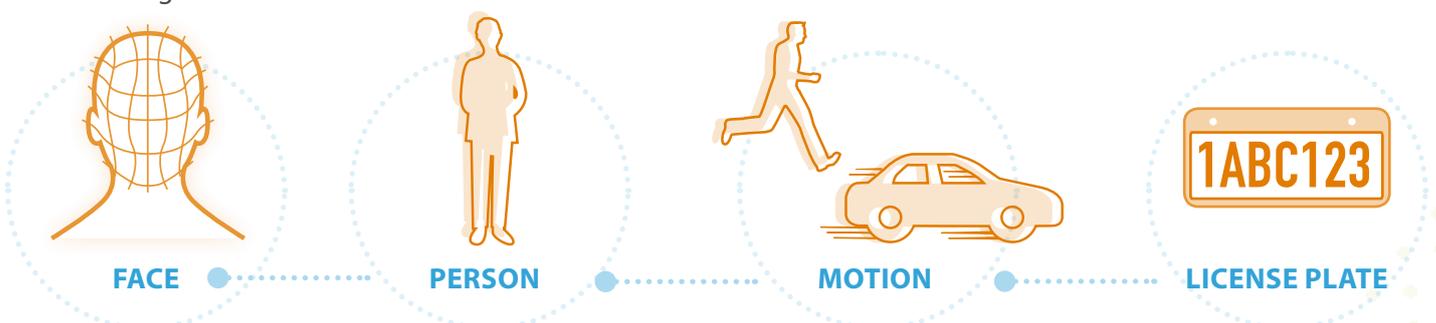
The use of MVI to analyze raw video data quickly isolates vital evidence and speeds it to the attention of analysts and investigators, who can then convert the evidence to actionable intelligence. MVI provides law enforcement and the intelligence community with the tools to detect and deter criminal activity, child exploitation and terrorism, and to protect our critical infrastructure, and public safety.

## EMBEDDED ANALYTICS

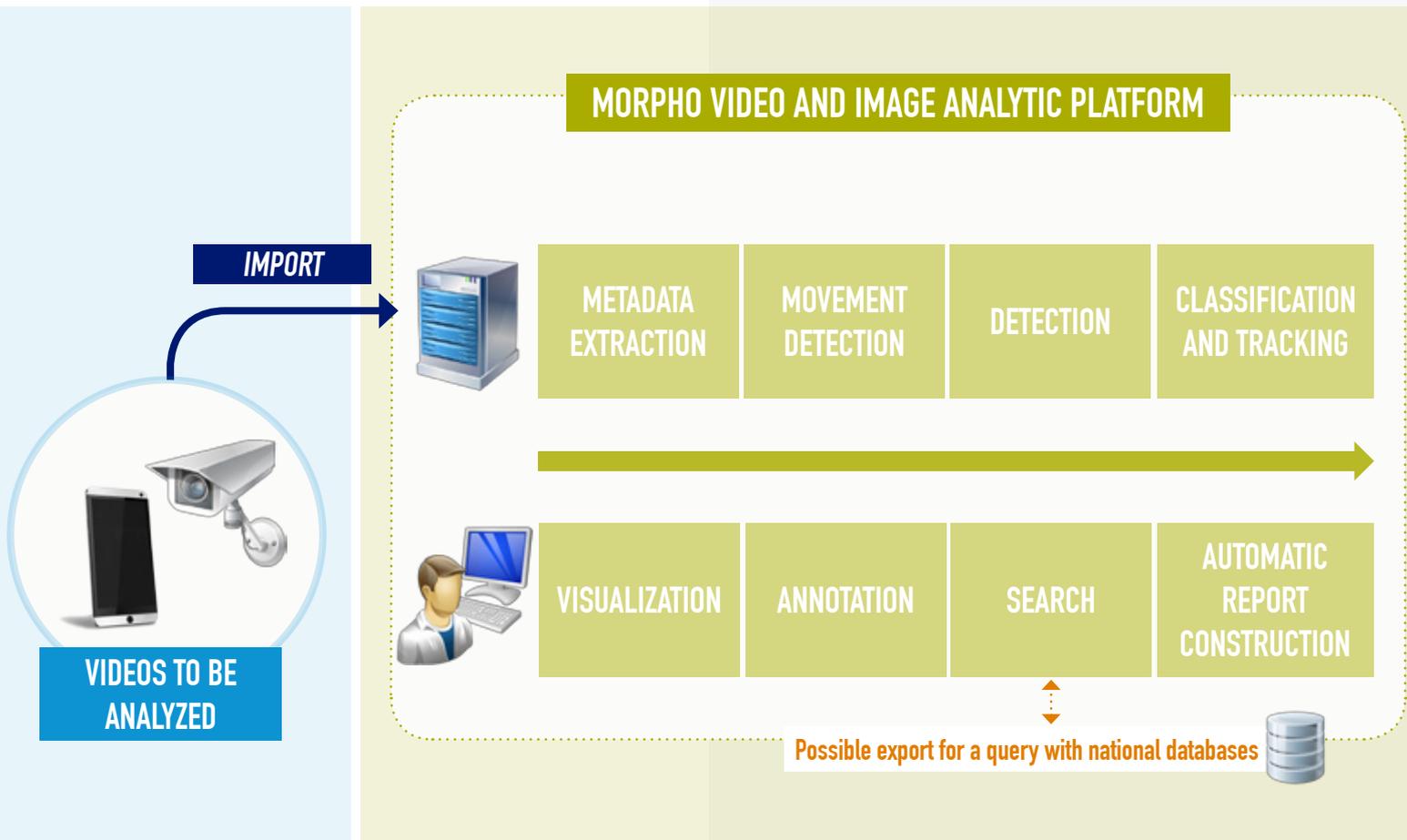
Analytics are algorithms that support automated video data processing. Based on Morpho algorithms, MVI analytics detect and track movements in raw video, and classify data extracted from the video sequences into categories such as Metadata and Persons.



MVI operates on a dynamic and scalable open platform adaptable to the needs of each user, and is open to third-party analytics and technological evolution. MVI embeds the following analytic types:



# BUSINESS PROCESS EXAMPLE



## KEY FEATURES

- Process 500 hours of HD video in 10 hours
- Use Morpho's proven recognition algorithms
- Import data from various video sources
- Work on the same cases simultaneously with other analysts
- Integrate third-party tools as needed

## KEY BENEFITS

- Solve more cases, more quickly
- Identify suspects and situations with greater accuracy
- Develop actionable intelligence from volumes of potential evidence
- Use human capital more efficiently
- Deploy the solution more quickly
- Fulfill your organization's mission

## KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

### Morpho

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