

# OpenText LEMA: Law Enforcement Media Analysis

Digital Forensics: extract defensible facts from video and image based evidence

## Product Highlights

The widespread shift from analog to digital media over the last few decades means that law enforcement officers face a new problem. A larger proportion of evidence is being stored in a widening gamut of different digital formats, and the collection, organization, and security of these assets is becoming an increasing strain on labor and costs. Sharing and comparison of this digital evidence brings its own set of challenges as systems to analyze the different formats are often found in different locations and have different interfaces. Law enforcement agencies need a centralized solution that

combines the functionality of these disparate systems, enabling effortless collaboration, and allowing investigators to focus on their day job: solving crimes.

**LEMA** is a digital forensics analysis system for organizations processing video and image evidence who need to identify, extract, and manage Person, Object, Location, and Event (POLE) facts during an investigation.

**LEMA** provides investigators the ability to analyze video and images for POLE facts using a range of automated, extendable analytics, with

## Quick View

Process more videos and images, faster than before, without increasing staffing costs, with OpenText LEMA:

- **Unified Analytics Platform:** Analyze video and image content for multiple entity types, simplifying training of users and allowing easier data fusion.
- **Expert Augmentation:** Automatically perform preliminary analysis to uncover and propose facts which are then validated by a human eye, making staff more efficient without removing control.
- **Evidential Workflow:** Meet the unique challenges of deriving conclusions that can be relied on in court with our evidence-focused solution.
- **Asset Analysis:** Using multiple artificial intelligence and machine learning powered analytics including facial detection and recognition, license plate and vehicle recognition, object detection, object tracking, and event detection.



human oversight to ensure appropriate control and accountability. This makes investigators more efficient, allowing more evidence to be processed and shortening investigation time.

### Key Benefits

For years, law enforcement agencies have trusted the OpenText™ IDOL platform to provide them the digital evidence analysis capabilities they need to solve crimes with confidence, quickly and efficiently. LEMA takes it one step further by giving law enforcement agencies an off-the-shelf solution for extracting defensible facts from digital evidence.

### Key Features

#### Unified End-to-End Platform

LEMA gives law enforcement agencies the ability to manage the entirety of the digital investigation process on a single platform.

- Connect to the data sources including secure and encrypted repositories hosting the evidence.
- Extract and index key facts from both internal (body worn cameras, dash cams, CCTV systems, digital documents) and external (broadcast media, web, social media, etc.) source repositories.
- Analyze assets using multiple artificial intelligence and machine learning powered analytics including facial detection and recognition, license plate and vehicle

recognition, object detection, object tracking, and event detection.

- Organize and share results, increasing investigation efficiency across multiple teams while meeting evidential standards

#### Simplified Collaboration

Manually uploading and sharing evidence across a large organization is a massive burden on investigators, often taking hours a week. Additionally, unless an asset is already marked as being directly related to another team's investigation, connections and key evidence may be missed. LEMA simplifies this by allowing evidence to be shared or restricted when necessary, automatically applying secure access control, improving communication and collaboration across the whole organization.

#### Intuitive Analysis Workflow

LEMA manages the complete analysis workflow, from the incoming request, through automated analysis and investigator validation, to final report delivery while maintaining evidential integrity. By helping investigators to focus on their speciality rather than repetitive administrative tasks, LEMA makes them more efficient and effective crime-solvers, while increasing case closure rates and successful prosecutions.

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