

Digital Evidence Management Solution for Police



KEY BUSINESS NEEDS

- Complete archiving and investigation solution for videos, photos and media content
- Full-featured search-through data and metadata function, with video analytics option
- Cost-efficient solution that is guaranteed to produce authenticity of all digital evidence content over time
- Need to prove authentication of digital evidence in court
- Want functionality to ingest any type of digital data into the system
- Want to securely archive all digital data onto different tiers of storage

KEY BUSINESS BENEFITS

- Maintains digital evidence data integrity and authenticity for court presentation
- Reduces costs associated with investigating digital evidence on legacy systems
- Quickly access, analyze and preserve digital content
- Lower cost of ownership: Modern solution reduces costs to store and archive digital content
- Lower personnel costs: Reduces personnel costs with faster investigation and analysis tools

Police organizations are adopting new and emerging digital evidence technologies, such as body-worn cameras, and utilizing social media analytics tools as part of investigations. This results with an exponential amount of growth of digital evidence collected by law enforcement.

Justice & Public Safety (JPS) organizations, largely using legacy systems for digital evidence, or no digital evidence management system at all, are looking for a cost efficient, user-friendly and deeply secure cloud solution that will archive their digital content.

These agencies are looking for a tool that will provide easy access and analysis of the content – while maintaining its integrity and authenticity for use in a court of law when the prosecutor is presenting digital evidence to the jury.

Research on JPS indicates that this market is emerging and largely untapped, especially the police video market:

- The justice & public safety global market size is estimated to grow from USD \$247.53B in 2016 to USD \$456.56B by 2021 (*Markets and Markets report, Nov. 2016*)
- Only 20% of US police officers are utilizing body-cameras
- Less than 5% of police officers globally are utilizing body cameras
- The volume of digital evidence is growing tremendously around the globe and JPS agencies are searching for tools to help them manage that evidence

As JPS organizations continue to make digital evidence management and moving data to the cloud a priority, Oracle is in a prime position to lead this market with the Digital Evidence Management (DEM) Solution for Police.

The Process of Digital Evidence Management

Digital evidence content is received from:

- Body-worn cameras
- Vehicle dash-cameras
- Citywide video cameras
- Business cameras
- Public transit video
- Crowd sourced cell phones
- Drone cameras

- Secure archiving of video from body-worn cameras and other sources
- Reduces time spent by investigators to analyze digital evidence

KEY BUSINESS BENEFITS

The Oracle DEM Solution includes the following functionality:

- Ingest – Ingests any type of digital data into the system, both structured and unstructured
- Archive - Securely archives all data onto different tiers of storage
- Authentication - Proves authentication in court, by storing data in the Archive Exchange format (AXF)
- Search and Analysis - Searches through data and metadata and analyze data on the fly

KEY FEATURES

- Operated and delivered as a cloud service behind your firewall
- Same technology as Oracle Cloud
- On-premises cloud service
- Meets data sovereignty requirements for regulatory compliance
- Meets FBI standards in the US for data security
- JPS leadership retains total control of the digital evidence data

KEY BUSINESS BENEFITS

- Retain full control over where your data and applications reside
- Reduce time to deployment while increasing availability

Accelerate analytical performance while achieving new levels of efficiency, security and availability

Metadata collection includes:

- Social media evidence
- Video analytics
- Cloud aggregation services

Search for Incident Data and Metadata in Digital Evidence

One of the most difficult and time consuming tasks for any JPS agency during an investigation is the search for incident data and metadata during the analysis of digital evidence. The Oracle DEM is positioned to help agencies solve the most challenging task of managing digital evidence content.

The Oracle products contained within the DEM that enable this secure function of digital analysis include the following:

- Oracle WebCenter Content: Document handling capabilities for content of digital evidence
- Oracle DIVArchive: Handling, storing and retrieval of large volumes of digital evidence
- Oracle Archive Storage: Simple, easy-to-use, tiered storage solutions for lower total cost of ownership
- Optional – Oracle Cloud Machine: Option to store you digital evidence securely and on-premises as a cloud service

The Oracle Cloud Machine Option – “Cloud at Customer”

The optional Oracle Cloud Machine (OCM) is a cloud offering which gives you choices for the Oracle Cloud Platform by bringing the Oracle Cloud to your data center. Leveraging the innovation from our Public Cloud’s PaaS and IaaS capabilities, the Oracle Cloud Machine is a subscription model managed by Oracle for single vendor accountability.

- Enable the innovation that cloud provides, at the same time meeting the business and regulatory requirements behind your firewall.
- Provides a stepping-stone in the journey to cloud, as it allows you to get the advantages of cloud faster, easier and with less disruption.
- Leverage the latest innovations for rapid development that cloud provides, all while meeting any data sovereignty and residence requirements.
- Cloud at Customer – JPS agency leaders can always have faith in a secure cloud solution stored on premises and in control of the agency.
- US police agencies will always be in compliance of FBI Criminal Justice Information System (CJIS) standards for data security because the data stays on the premises.

Excellence in Policing Requires a Secure Chain of Custody for all Digital Evidence

To perform at the highest levels of policing in an investigative process, police agencies must choose the best tools to make their officers as efficient as they can be. The global expansion of digital evidence from all sources, especially video content, drives a need for innovative, yet cost-efficient policing solutions.

The speed of data access and the analysis of digital evidence for police and prosecutors is paramount to effective prosecution. The DEM increases efficiency throughout the digital evidence process, saving personnel costs during times of budget reductions. It also helps agencies prepare to meet rapidly evolving governance, policies and regulations on digital evidence.

Oracle's DEM is a scalable solution that handles the current global expansion of digital data from police body-worn cameras, social media and other digital evidence sources. The DEM ultimately provides you with an effective evidence tool to securely manage, store, preserve and protect immense volumes of digital video evidence and metadata.



CONTACT US

For more information about Managing Digital Evidence contact Oracle oracle.com or call +1.800.ORACLE to speak with an Oracle representative.

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