



“Sharing video with prosecutors is considered to be one of the greatest challenges experienced by police.”

UK CoPaCC National police ICT user survey

Easy sharing and access to digital evidence

Kinesense's Digital Evidence Management (DEM) solution for police is designed to make assets and evidence management even easier; but what makes the Kinesense DEM unique is that in addition to storing and securing all digital files and formats, including documents, audio and images, it is specifically designed to efficiently support video, well known for being cumbersome to manage. Securely store and quickly retrieve important assets including video evidence from CCTV, mobile phones or body worn cameras. Eliminate investigation delays and costs associated with the physical transfer of data between colleagues and the prosecution service.

Eliminate the costly physical transfer of assets and evidence

With the Kinesense DEM solution, users can import and upload digital media to a case, add a reference to a case and share with colleagues and prosecutors alike. Users can log on to the system to search for videos using key metadata tags.

Easier collaboration

Users can review uploaded assets, bookmark key sections of videos and assign tasks or request feedback from colleagues. The solution logs all users' actions, administrative rights and permissions and also enables assets to be accessed or shared on a restricted or open basis.

Securely archive digital data

We have built the solution so that it can be hosted on the cloud or upon request, on-premise. Being delivered as a Software as a Service (SaaS) solution means that the cost of entry is not prohibitive, you can scale it flexibly and securely in your organisation. Most importantly, all assets including video are tracked and any actions taken by personnel are logged ensuring a complete evidential trail.



What is a digital evidence management system?

A digital evidence management system DEM (or digital asset management system DAM) is a web-based solution for bringing all of your evidential assets together in one central location so that they can be accessed securely and easily by everybody who needs them simply by logging into one application. It joins all the disparate systems so that evidence is instantly available in a readable or playable format regardless of the original source.

□ Kinesense DEM can be fully integrated with existing case management systems and records management systems, community and public portals and other software applications via an API.

□ Access can also be granted to external bodies and one of the main driving forces for deploying a digital evidence management system in the 2020 Policing Vision is to facilitate sharing with The Crown Prosecution Service.

□ Kinesense DEM is cloud-based to reduce storage costs, with a web interface and will run on any Windows or Mac, desktop or laptop, tablet or smart phone with internet access.



Why do police forces need a digital evidence management system?

1. Evidence collection

Evidence has to be collected from the crime scene or from other source locations before it can be used as part of an investigation. There are some astonishing examples of how time and money is wasted collecting evidence. For example, in the space of 12 months London Metropolitan Police officers undertook 32,000 separate journeys picking up DVDs and USBs containing evidential material, potentially equating to more than 50,000 man-hours. Saving that amount of time could be equivalent to giving a force back an additional 24 officers for 12 months.

2. Viewing, processing and analysing the evidence

It is estimated that there are up to 2,000 different IT and software solutions in operation across all UK police forces, many of which are not integrated or compatible with each other. Investigators have to review and analyse the evidence within strict time limits and often in collaboration with colleagues or external agencies such as The Crown Prosecution Service. Having to wait to receive physical media before they can view it or rely on IT to solve issues with playability, compatibility, encryption or connectivity causes further delays.

3. Sharing evidence

Sharing evidence on time with those that need it is also critical. Often the files may be too large to email and so USBs and DVDs are still commonly used but relying on these can be fraught with problems and risks. The consequences of files not being readable or playable or not arriving on time in court means crucial evidence may not be available or even deemed inadmissible. Physical media getting lost or stolen can be frustrating and very costly and can cause significant delays across the criminal justice system. Other examples showing the dangers of sharing physical media include highly confidential DVDs being lost in the post, unencrypted USB sticks being left on public transport or stolen from officer's cars, leading to severe fines for the force and even dismissals for officers. All of these inconveniences, delays, losses and fines can be easily avoided by giving officers secure and direct access to vital evidence via a digital evidence management system and by giving external agencies, The Crown Prosecution Service and Defence Council controlled access too.

Police forces are facing the ever increasing challenge of how to manage and process digital evidence.

In the UK, a CoPacc National Police survey identified the 3 key issues that were of most concern to officers on a day to day basis.

Why Kinesense?

Designed for video

Eliminate CCTV playability issues



Police workflow

Designed for police investigations



Minimise Storage costs

Cut the amount of video stored by up to 95%



Up to 64% of major crime involves digital evidence, typically video from a CCTV or body worn camera, photos or audio files from a mobile phone.

Why Kinesense?

All DEM systems will typically store images, audio, video from CCTV and bodyworn cameras and any other supporting files such as PDFs and Word documents as standard, but not all are designed to address the more complex issues of video. Yet video playability has always been a major headache for police due to the vast array of different CCTV formats (the UK Home Office suggested there are more than 4,200) and file sizes.

Kinesense are specialists in video and have come into the market from a different perspective

□ We have more than 10 years experience developing video analytics solutions to help police and law enforcement agencies globally deal with CCTV investigations.

□ This solution has the added benefit of being developed in partnership with video experts who have worked extensively with YouTube, the world's number 1 video platform.

□ As well as law enforcement, this solution is used extensively by the major movie studios and media giants, organisations that will not accept 2nd best when it comes to their valuable assets!



The key advantages of Kinesense DEM



Designed for video

Kinesense DEM is the only solution built from the ground up to support video. The Home Office suggests there are over 4,000 different video formats and with 74% of video in major criminal investigations coming from shops, petrol stations and home security, often with low cost proprietary cameras, they are as important as council run CCTV. Whilst other DEM systems can only play some of the common CCTV formats, Kinesense, with its extensive library of virtual players and integrations with the leading video management systems Milestone and Genetec (increasingly used by police, local authority CCTV control rooms and transport hubs) plus all of the leading covert solutions (used for undercover operations) can play the vast majority of video from any source.



Reduce storage costs

In conjunction with our video analytics solution Kinesense LE, we have helped save forces hundreds of thousands of Euro on storage costs by reducing the physical volume of video that they need to save. Using Kinesense LE, front-line officers visit their local police station, ingest and convert footage into a playable format, search for key events and then upload only the critical clips to the central storage. This reduces the average 1 hour video file previously stored to typically only 2 minutes of actual evidence, resulting in saving many petabytes of physical or cloud storage over a 12 month period.

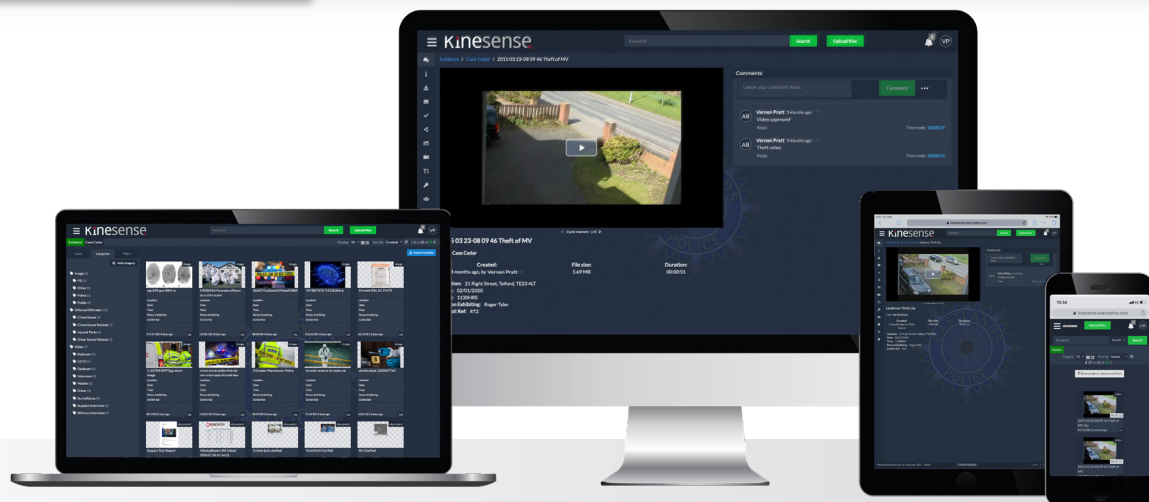


Workflow and system management

Kinesense DEM is designed to meet the needs of the modern day police workflow and the intuitive, user-friendly interface makes collaboration with colleagues, other police forces and external agencies simple. Users work from anywhere with internet access with the confidence that all content within the platform is securely encrypted and every activity (upload, comment, edit, share, etc) is logged and fully transparent for chain of evidence. It also helps with compliance of official regulations and guidelines, i.e. retention times and enables IT administrators to have full visibility and control.

The dashboard gives management a complete overview, enabling them to see users' activities, manage individuals' permissions, monitor how the system is functioning and what storage is being used to maximise performance and plan housekeeping.

Key Features



Retrieve

- Ingest different types of digital files
- Integrate with Kinesense LE for redaction, automatic video searching and advanced reporting
- Tag evidence with appropriate metadata
- Ensure chain of evidence processes

Review

- Apply permissions based on roles
- Search by asset type or metadata to retrieve assets quickly
- Play video frame by frame
- Bookmark and tag key events in video

Report

- Extract a clip from a video
- Request tasks from colleagues
- Export, email or share a link to an asset
- Review usage statistics including asset, personnel and storage logs

Technical Specifications

Support file size	Up to 5TB
Supported formats	Word, Excel, pdf, standard image, audio and video formats
Client	Browser based solution
Supported browsers	Edge, Chrome, Firefox, Safari
Supported devices	Mobile, tablet, desktop, large screen
Deployment options	Cloud (AWS/ Azure), on premise upon request
Integration options	Use with Kinesense LE solution range, full API available for other integrations.

Discuss your digital evidence management and needs with us by contacting info@kinesense-vca.com

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