Kinesense

www.kinesense-vca.com

Frequently Asked Questions

(FAQ)

General Purpose

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What does Kinesense do?

Kinesense develops tools that help the security and surveillance market manage digital evidence quickly, easily, and securely. Specialising in video search, we use our advanced technology to make it easy to manage video and digital evidence, and get actionable intelligence in minutes.

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What is Kinesense's target market?

Kinesense specifically markets its products towards law enforcement agencies including technical support, major investigation, counterterrorism and serious crimes units, as well as overt and covert surveillance teams.

How does Kinesense help save time during video investigations?

We offer a range of products to help our customers manage video evidence easily. This includes CCTV retrieval, search and reporting tools that help investigators save up to 95% of the time normally spent watching and analyzing video. Time savings typically come from utilising our video search algorithms which detect movement and classify events to make video content searchable.

It works much like an internet search engine. When a user searches Google, for example, its servers don't run and find everything that matches that search term. The servers actually run continually. They send what are called "spiders" to search relevant pieces of content, indexing key terms all the time and storing them on its own servers. This means that when you search, Google's "spiders" quickly find sites that match the words and phrases you typed because those terms are already indexed.

Video content can be analyzed in a similar way, except with visual elements rather than text and code. When the software reads the video, it indexes objects and events by colour and direction of movement. When a user searches by creating a visual filter, the software calls up what has already been detected as it indexed the footage, and shows only the desired events.

We develop each product to meet needs identified by our customers, so that every tool in our Kinesense range solves real problems.

What are the differences between Kinesense's Products?

Kinesense has developed a comprehensive range of video evidence solutions which are focused around different uses of CCTV in law enforcement agencies across major, volume and surveillance investigations.

'Kinesense LE' is a forensic video retrieval, search, and reporting solution for CCTV evidence.

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'Kinesense CovertSuite™' (CS) is a product range that has been designed to rapidly search for events in surveillance recorders that are deployed by intelligence agencies including Technical Support Teams (TSUs) and overt and covert teams.

'Kinesense PlayerManager' is a solution for the storage, sorting and sharing of information about CCTV Players.

'Kinesense Enterprise Solution (KES)' is a digital evidence management and investigation solution for collaborative investigations.

What Operating Systems can I use with the Kinesense Products?

Kinesense LE (Lite and Pro) works on Windows Platform Vista, 7 and 8; x32 and x64

Kinesense CS (Lite and Pro) works on Windows Platform 7 and 8; x64

Whats the difference between Kinesense's products and other companies?

We have competitors who focus on forensic search but our customers tell us that Kinesense products are faster and easier to use because they are simpler to use and require less configuration when performing searches. We understand our key customer issues including the issues of disparate CCTV formats and the importance of the chain of evidence, which is why our search and report tools log every step and interface with all video formats.

Is training offered?

Training can be provided by Kinesense personnel on request and is also offered through our partners in different territories.

Can video processed by Kinesense products be considered as Master Evidence?

Chain of evidence processes and standards differ around the world. For example, in the UK, the first copy is the master copy and two further copies are taken for investigative purposes. Therefore, typically the video imported into Kinesense software is considered a working copy and not Master Evidence.

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Questions about Kinesense's search and event detection features

What events can Kinesense search in the footage?

Kinesense can be used to search for events as defined by the area of the scene or filter zone. A filter zone can be easily created by selecting a point of interest on the screen (e.g door, gate). Kinesense LE allows you to define your search by direction of movement and colour.

Can search and identify a certain person?

Kinesense currently does not support facial recognition software.

Can Kinesense search for a model of car?

No, Kinesense does not search for a specific car model but can be used to search for red cars for example.

Does Kinesense search work in crowded scenes?

Kinesense software can record and perform some search functionality in crowded scenes, but it does not attempt to distinguish individuals from a crowd. Generally as crowded scenes are very busy scenes, Kinesense will detect all events. Thus the time saving is reduced compared to searching non-crowed scenes. However, if you are interested in a certain section of the crowded scene (e.g. a doorway) Kinesense can be very useful. Users find that one of the greatest search features of Kinesense is being able to select the area of the scene you are interested in. Using this feature, events outside of this selected filter region are ignored. It is a useful feature for doorway analysis etc.

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