



“Face detection is a useful way to quickly review your video when trying to find a person of interest.”

Intelligence Agency

Face Detection & Attribute Search

Kinesense LE is a powerful tool that enables time-efficient video retrieval, search and reporting from vast amounts of video. Face Detection & Attribute Search is an add-on module to Kinesense LE, which can make searching for a person of interest even faster.

Rapid video triaging by faces

This module will detect faces found in video and extract them into thumbnails for you to review. You will then be able to filter through faces found by attributes such as gender, age group of individuals and whether a person is wearing glasses.

Quick intelligence reports

You can quickly create reports by tagging persons of interest and exporting clips of times they appear in videos. This is the perfect solution to find a person of interest in high-resolution video.

Suitable for all crime analysis

This module focuses on analyzing faces in the source video. It can be used without the need to run a facial recognition engine which some customers do not have access to. It allows for effective triaging of video by faces regardless of the type of crime investigation. If you are interested in face matching and recognition, contact us about this separate module.

Key Features

Retrieve

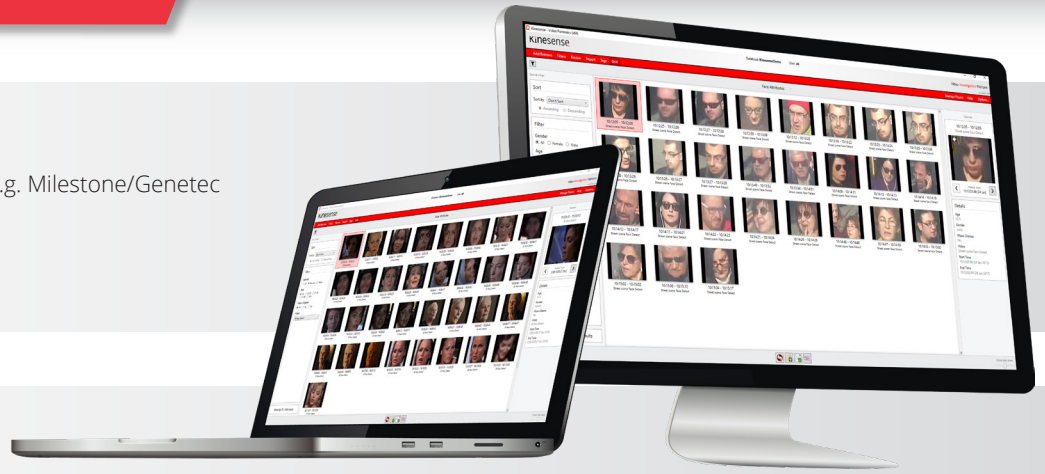
- Connect to a VMS to analyze video e.g. Milestone/Genetec
- Import video with faces present
- Ensure chain of evidence processes.

Review

- Detect faces in video & images quickly
- View results on timeline or as thumbnails
- Filter events by key attributes including gender, age group & whether a person is wearing glasses
- Jump to where a person appears quickly.

Report

- Bookmark key events
- Export out all faces found in video quickly
- Make a report on person of interest movements.



Technical Specifications

Supported Import Resolution	Minimum QCIF 176 × 144/maximum 4K
Supported Video File Formats	Including but not limited to the following: .avi, .mpg, .mpeg, .wmv, .mov, .flv, .mkv, .mp4, .vob, .xba, .h264, .asf, .sdr2, .sec, .raw, .dav, .rms, .csx, .264, .ts, .mts 900+ virtualised players to support additional formats
Import Mechanisms	Single/multi file import, analogue digitalisation
Face Detection	Minimum 23 inter pupil pixels/frontal face view
Language Support	English, French, Italian, Spanish, Polish, Portuguese, Korean, Chinese Simplified, Russian
Minimum Hardware Requirements	Windows 10 x64 Pro (or latest version), Intel Core i7 7th gen. 4 core or better, Nvidia GTX 1070 or above (CUDA support), 16 GB RAM, SSD drive for OS, plus 1TB drive for database storage

Kinesense Face Detection & Attribute Search is a module available as part of the Kinesense LE solution. If you would like like actionable intelligence faster, contact us at info@kinesense-vca.com to discuss.

