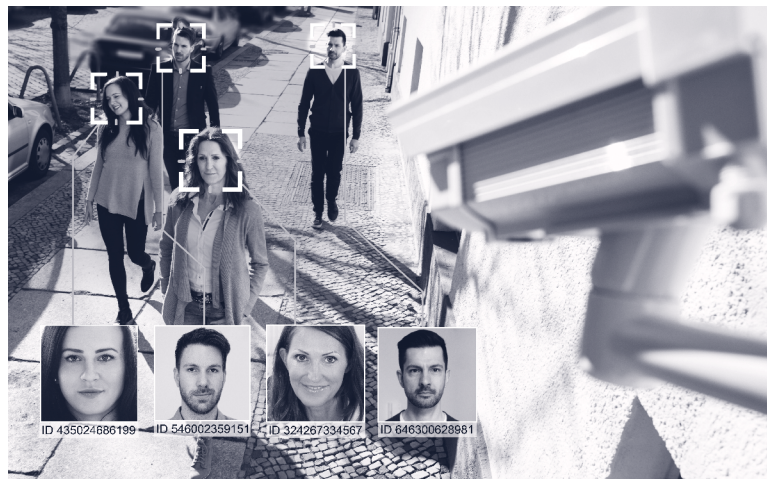# BioFinder

FACIAL RECOGNITION FOR HIGH SPEED ANALYSIS OF VIDEO RECORDINGS AND IMAGES

BioFinder is the solution from Herta that makes it possible to search for a specific subject, using facial recognition, in one or various recorded videos and images.

By working with **GPU technology**, the software manages to process at a high-speed rate all the images of the analyzed video. BioFinder makes it possible to analyze at speeds faster than real time.

BioFinder is **ideal for forensic analysis** or classification of information and, amongst other applications, is **used by police forces and intelligence agencies** to search for suspects.

FEATURES

- **Simultaneous recognition** in multiple recordings
- **GPU technology** allows for speeds several times higher than real-time
- Intensive **frame-to-frame analysis**, without omissions
- **Ability to register people** based on one or several images
- Exportable alarms to PDF and Excel format

APPLICATIONS

- **Forensic analysis** on video recordings and images
- **Automatic classification** of informations in recordings
- Search of suspects in large video or image databases

Technical Data

Type of identification	Facial, over images or video sequences.
Performance	Unlimited recognition of faces on every video frame / Analysis of up to 30 videos simultaneously Full HD.
Database speed	Matching of a user among 60 million in 1 second.
Maximum resolution	UHD - 8K videos.
Resolution for detection	Faces from 10 pixels interocular distance (IOD).
Resolution for recognition	Faces from 24 pixels IOD, 50 pixels recommended.
Resolution for enrollment	Faces from 75 pixels IOD recommended.

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