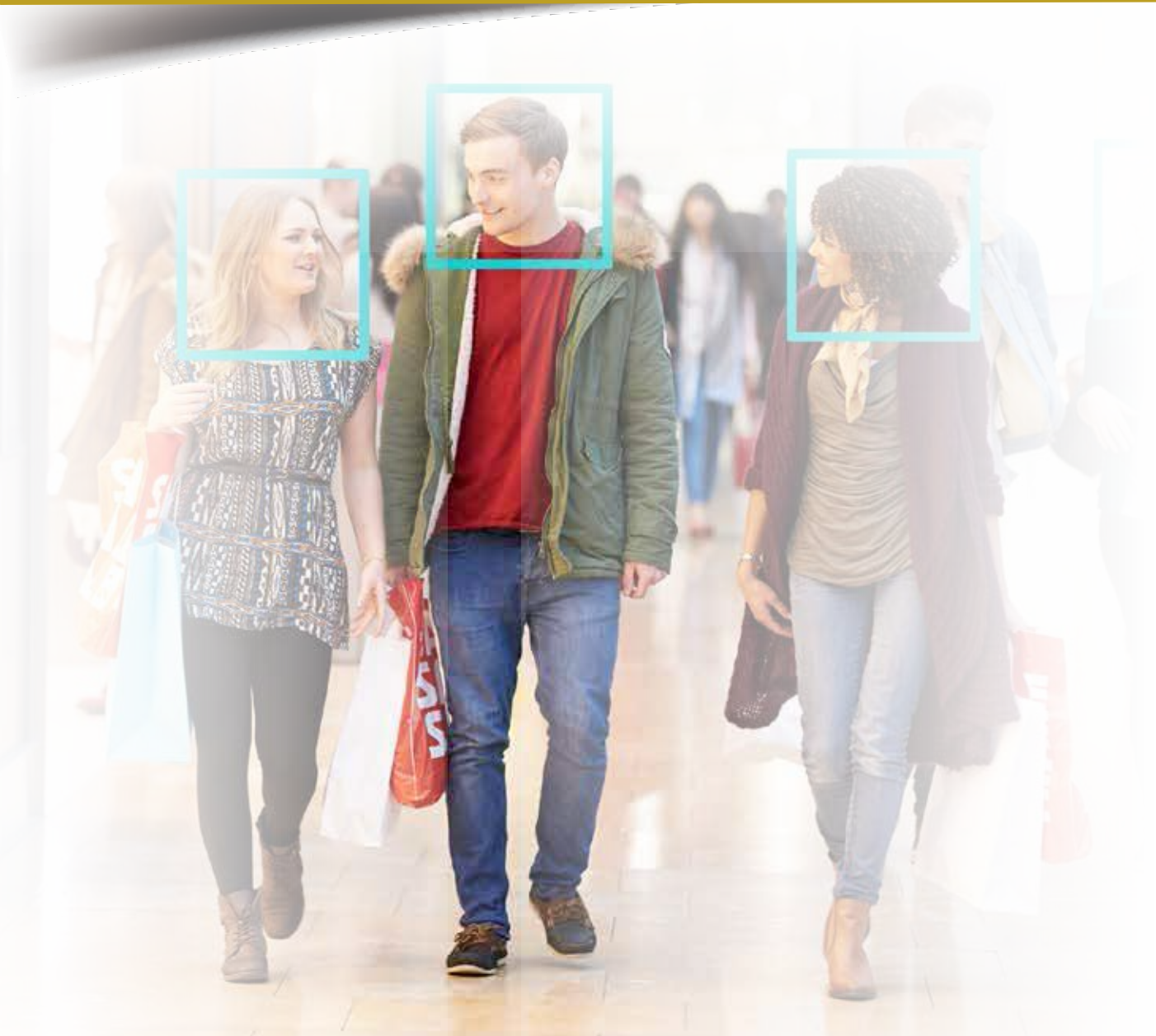


“

Face recognition is one of the least invasive biometrics, since data is captured effortlessly and generally involving no user interaction. Our technology works even with partial occlusions of the face, glasses, scarfs, caps, changes of facial expression, shadows, extreme or poor lighting conditions, or moderately rotated face.

”

## Facial Recognition



# Herta Facial Recognition



**A Multi-function Biometric Solution to identify target subject and restrict access easily, effortlessly, and fast**



## BioSurveillance

### Real-time multiple face recognition

BioSurveillance, detects multiple faces in real-time, facilitates runtime management of alarms and users and incorporates on-the-fly video enrollment.



## BioSurveillance NEXT

### Recognition up to 150 fps with high resolution IP cameras

A high performance video-surveillance solution for facial recognition, specially designed for the simultaneous identification of subjects in crowded and changeable environments. It works 40 times faster than traditional systems.

## Features

- Analyses multiple cameras simultaneously
- Fully automatic and non-invasive technology
- Works properly on changes of facial expression, illumination, beard, eyeglasses, scarfs and caps
- Subjects can be enrolled from one or more photos or video
- Integration API available
- Perfect solution for crowded environments such as airports, metro stations, shopping malls, stadiums, etc

## ID MANAGEMENT (For BioSurveillance NEXT)

- Automatic subject enrollment function
- Allows for multiple watch lists (blacklists / whitelists)
- Runtime alarm management, highly tuneable
- Compact, flexible system with central multilingual management
- Alarms can be exported to PDF format and visualised on remote mobile devices



## BioFinder

A solution that makes it possible to search for a specific subject, using facial recognition, in one or various recorded videos.

## Features

- Simultaneous recognition in multiple video recordings
- GPU technology, at speeds faster than real time
- Intensive, frame by frame analysis, without omissions
- Supports changes in facial expression and illumination, and the presence of glasses, beards, handkerchiefs or hats
- Capacity to enrol subjects through one or various pictures
- Alarms exportable to PDF format

## APPLICATIONS

- Forensic analysis of video recordings
- Automatic classification of information from recordings
- Searches for suspects in large video databases

# Herta Facial Recognition

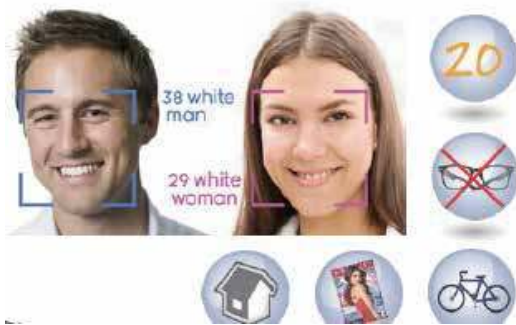


## BioAccess

Face biometrics is used to identify users from access control lists and verify their identity.

## Features

- Automatic subject enrollment function
- Allows for whitelists and blacklists
- Alarms can be exported to PDF format and visualised on remote mobile devices (Android, Apple)
- Compact & flexible system with central multilingual management
- Completely automatic technology
- Works properly on changes of facial expression, illumination, beard, glasses, scarves and caps
- Subjects can be enrolled from one or more photos
- Maximum efficiency when trained with several photos or videos
- Users cannot be impersonated using photographs
- Integration API available
- Perfect solution to control the access of users to physical locations such as buildings, offices, data centres or restricted security areas in general



## BioMarketing

With facial analysis technology it is possible to learn more about your customers and classify individuals based on their physical appearance and then use that information in interactive, targeted marketing.

## Features

- Extraction of features and multiple face detection in real-time
- Image, video, or live capture
- Automatic and non-invasive technology
- Multiple user characteristics (age range, gender, ethnicity, use of glasses, facial expression)
- Integration API available

## APPLICATIONS

- Segmentation of objective target
- Smart selection of advertisements
- Adaptation of content to the audience
- Permanent acquisition of customer statistics

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