Cognitec

FaceVACS-VideoScan

SALTO WECOSYSTEM

Face recognition technology

for live watch list alerts and anonymous people analytics

- detect, track, recognize and analyze people in live video streams or recorded video footage
- perform instant comparisons to image databases/watch lists
- store and view face streams (video snippets) for each appearance of a person over time
- receive real-time notifications when user-defined events occur
- send event notifications via email or messaging app
- use anonymous facial analysis to compute people analytics while protecting privacy

Applications

Security

- screen public or private places (e.g., shopping malls, airports, casinos, hospitals and banks) and identify known individuals
- search recorded video files for unknown persons or persons enrolled in a database
- monitor access to restricted areas

Alerts to valued customers, persons of interest, and frequent visitors

- alert staff to provide special treatment to valued customers
- recognize self-declared gamblers

Underage detection and people analytics

- perform initial age checks to avoid paying fines for underage people
- analyze traffic patterns and times to change interior design, place advertising and plan staffing
- detect crowds and manage waiting/transit times in specific areas
- measure time each person spends in certain zones, like gaming rooms
- prevent double-counting or re-entering of the same person

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Features

- stores high-resolution video sequence of the cropped face (face stream) for each appearance
- compares all persons against each other in real time to cluster identities and display all appearances of each person
- provides configurable event detectors
- enrolls images to watch lists, also from live video streams
- performs complex investigations on persons appearing in real-time camera streams and/or recorded videos
- uses Cognitec's latest algorithms for face finding, matching, age estimation and underage detection (18 or 21)
- provides browser-based user interfaces to view dashboards, person visits, events, statistics and administrative functions
- includes REST API for reporting, and for integration with video management systems and other external software

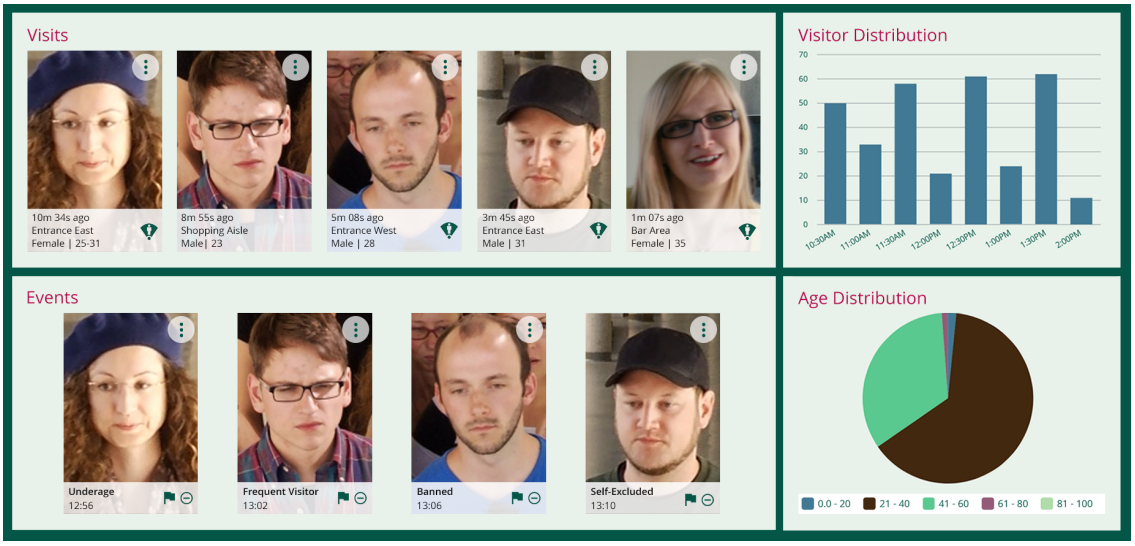
Managed Service Option

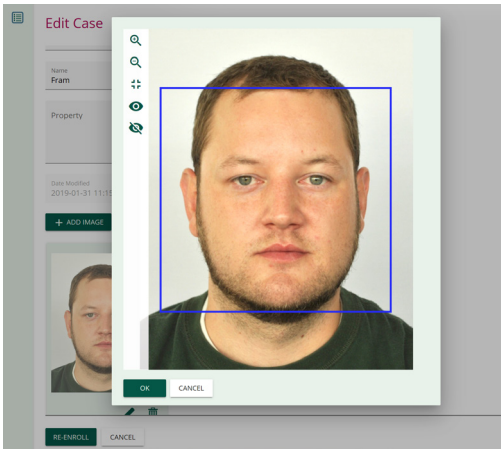
FaceVACS-VideoScan ES

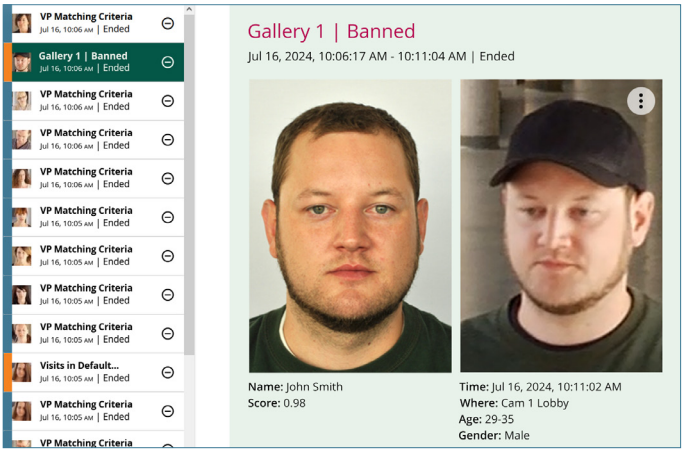
The Enterprise Solution offers customers all the advantages of a turnkey solution.

Cognitec has selected optimal computing and camera equipment to guarantee industry-leading biometric performance.

The subscription-based system can be installed at the customer's premises, at the edge, or in the cloud.







Cognitec develops market-leading face recognition technologies and applications for enterprise and government customers around the world, offering premier products for facial image database search, recorded video investigation, real-time video screening and people analytics, border control, ICAO compliant photo capturing and facial image quality assessment. Corporate headquarters are located in Dresden, Germany; other offices in Rockland, MA, USA and Sydney, Australia.

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Cognitec is part of the SALTO WECOSYSTEM

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