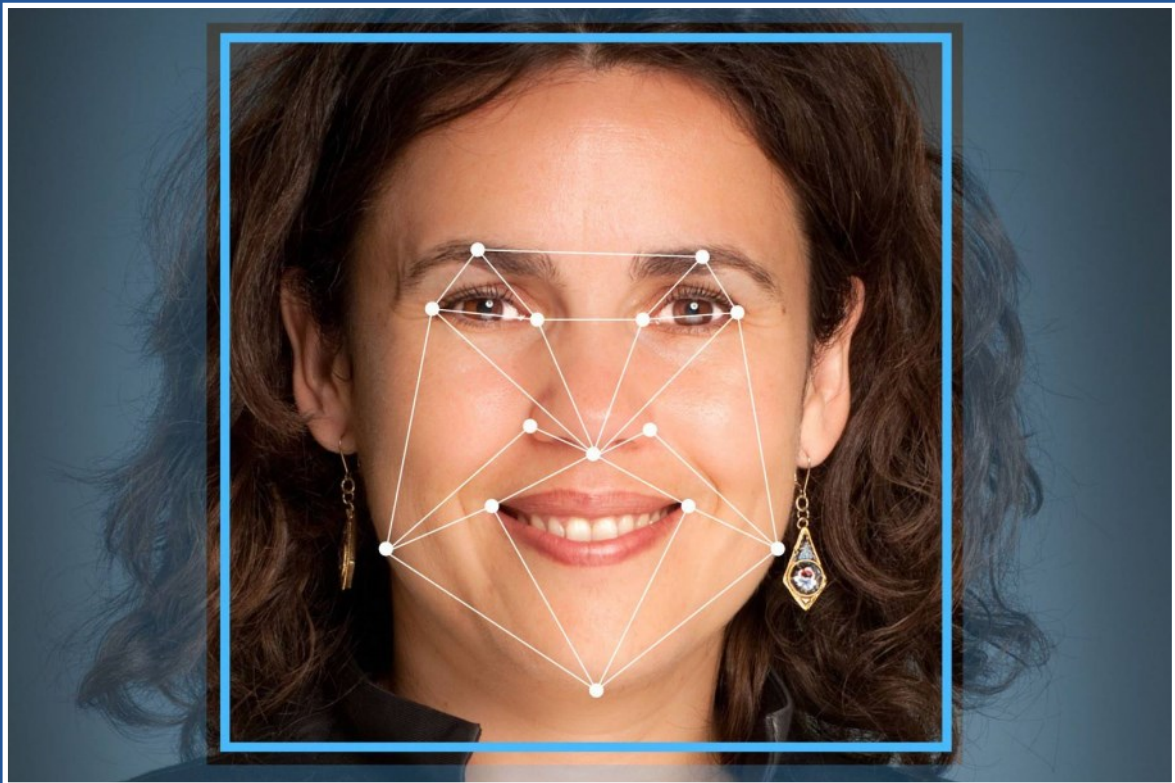
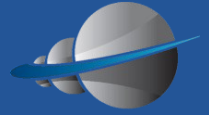


Pedestrian Entrance Control

Face Recognition Solutions



“Evolving the way you manage your pedestrian access.”



Solutions

Evolve develops market-leading face recognition systems and applications for customers and governments around the world.

Face recognition technology can be applied in many different ways. Today's main market is security related, but there are a variety of applications emerging related to personal use, convenience, productivity enhancement and more.

Security

Face recognition technology can help enhance security in areas where it is important to verify the identity of persons based on facial images. Examples of such applications include border control, passport or driver's license issuance, law enforcement investigations, video surveillance and physical access control. Evolve products enable new commercial and consumer applications using facial data such as:

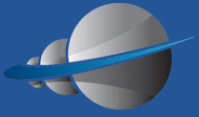
- recognizing VIP customers.
- analysing people flow by age, gender and other measures.

Public security

There is a fast growing demand from government, law enforcement, retail and industry customers for solutions to identify persons from live video cameras or video footage.

Evolve has addressed this demand by offering products that are optimized for the analysis of video streams, in order to detect, locate, track, and identify faces by real-time comparison to watch list databases.





Face Recognition - Access Control

Entrance Control Solutions.

Our entrance control solutions offer a secure, convenient, and cost-effective way of controlling who has access to your building and when their access is allowed.

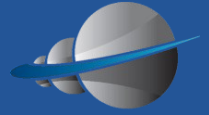
All businesses have to protect assets and employees whilst allowing people to move freely in the areas that they need. It is common in buildings that are secured by locks and keys and for doors to be left unlocked all day. This opens up the possibility of opportunist theft and malicious damage.

Installing an access control system with face recognition means that you will never have to leave a door unlock or replace lost or stolen tokens. Our access control solutions consist of:-

- Simple stand alone or networked tablets.
- Single or multiple tablets connected to our staff and visitor management software.
- Faces can easily be barred from the system.
- Tablets that can connect to existing staff and visitor management software via a Wiegand interface.

Our systems can be connected to a standard door or any form of pedestrian or vehicle entrance control turnstile, gate or barrier.





Time & Attendance

EvolveFace 5 and 5T employee face recognition terminals with time and attendance can also be used as access control to restricted areas. The terminal is ideal for construction, manufacturing, small or large companies, food processing, education hospitals and surgeries.

Having an accurate and reliable employee time and attendance system, is becoming more vital as employees naturally look to find the right work-life balance. Time keeping disputes are a common occurrence for employers and can often result in a loss of revenue through mistakes made in calculating the actual time worked by staff & employees.

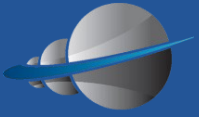
Whether you require a simple standalone solution or a multi-site system, we can offer the right solution to meet your site specific requirements and budget.

The EvolveFace 5 and 5T terminals provide a simple TouchLess clocking in and our system for your employees. All they need to do is look directly into the terminal and they will be accurately verified in less than 2 second.

The terminals can hold up to 3,000 facial templates with 1 million logs, whilst remaining GDPR compliant. This is because it doesn't hold any biometric data that could be used elsewhere. A random mix of data form the users face is stored rather than a full identifiable scan.



Face Recognition - Time & Attendance



Face Recognition - Temperature

Face Recognition with Temperature Detection

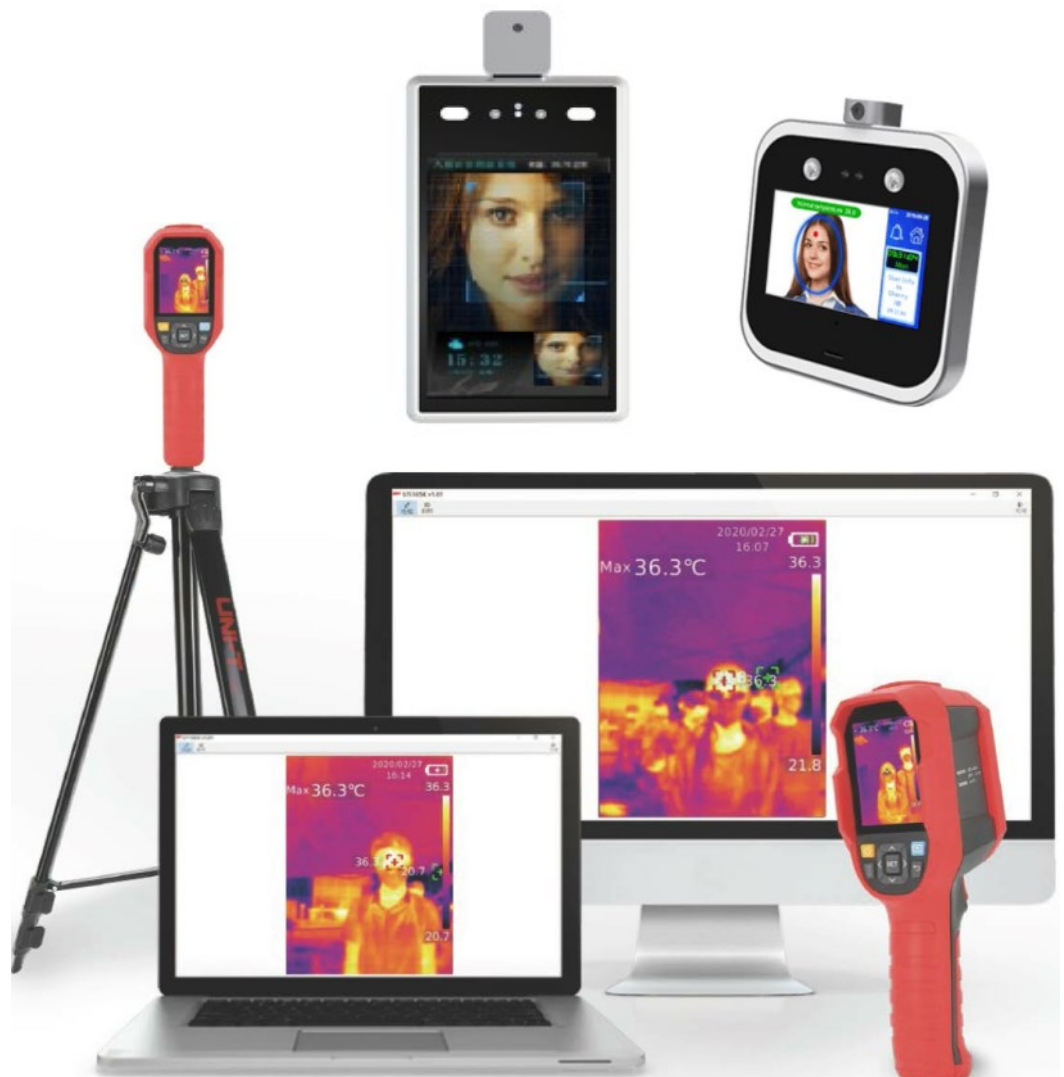
In the face of COVID-19, Evolve has developed real-time face terminals with temperature measurement and face mask detection.

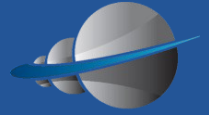
The terminals can either be standalone or interfaced with most makes of visitor and staff management systems via the Wiegand interface such as the Paxton Net2 controller.

Face recognition means that a person entering the building doesn't need to touch any surface providing a TouchLess entrance control solution.

For even greater infection control the terminals they can be integrated with our 3D two-point verification camera to make sure the person entering has first wash/sanitised their hands.

They can also be connected to our thermal imaging cameras.





Retail Solution

The Evolve intelligent Business Store is an all-in-one solution for retail and convenience stores, it integrates:-

- Video management:
- Video storage:
- Intelligent analysis, and
- Face comparing.

The face NVR kit offers mobile viewing and management. With Business Analytics you can see who was in your store, when they were there and what they purchased. It :-

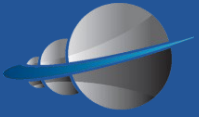
- Helps to reduce in store crime,
- Helps to manage staff and visitor time and attendance.
- Helps to manage VIP's

Using age and gender detection, people in the view of the camera can be classified into several demographic groups for marketing purposes. You can then use this information to:

- Enhance the marketing promotions.
- Anticipate customers needs and desires.
- Discover points of engagement and friction.
- Improve the retail experience.
- Measure how shoppers respond.
- Detect people looking at selected products or demo times to understand the effect of product display to specific demographic group.



Face Recognition - Retail



Airport Solutions.

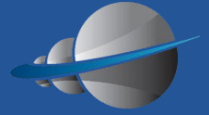
The worldwide deployment of electronic travel documents like ePassports are revolutionising border control applications.

While border control officers are using biometric tools to increase the security of immigration processes, self-service immigration using ePassports and face recognition is now a reality at many airports.

Face recognition combined with ePassports, ensures the secure verification of the traveller's documents and identity, allowing for streamlined and cost-efficient immigration procedures.

At passport checkpoints, facial traits are captured automatically. The high quality images are passed on to a verification unit and compared with the digital image from the ePassport. The captured image can also be forwarded to a video screening system and checked against a watch list of undesired immigrants in real time.





Crime Prevention

Facial recognition cameras help to prevent crime and protect the general public.

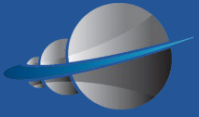
The technology maps face in a crowd and then compares them with a watch list of images, which can include suspects, missing people and persons of interest to the police. The cameras scan faces in large crowds in public places such as streets, shopping centres, sports and music events.

Our systems require human interaction and it's up to the operator and the person on the ground to decide whether the person is a match or not. The person on the ground looking at the individual will make their own assessment and decide whether to intervene and speak to them.

Monitoring CCTV manually has the same "practical impact" on an individual as face recognition cameras. As far as individuals are concerned, there is no difference in principle to knowing you are on CCTV and somebody looking at it.



Face Recognition - Crime Prevention



Face Recognition - Other Applications

Age and Gender Detection

With age and gender detection, people in the view of the camera can be classified into several demographic groups for marketing purposes. It can also be used to restrict the area to certain age groups such as gaming zones.

Our technology can recognize age within 10-year range groups (0-9, 10-19, 20-29, 30-39, 40-59, 60+). These age groups can be very useful for tailoring different content for instance to young adults vs. seniors.

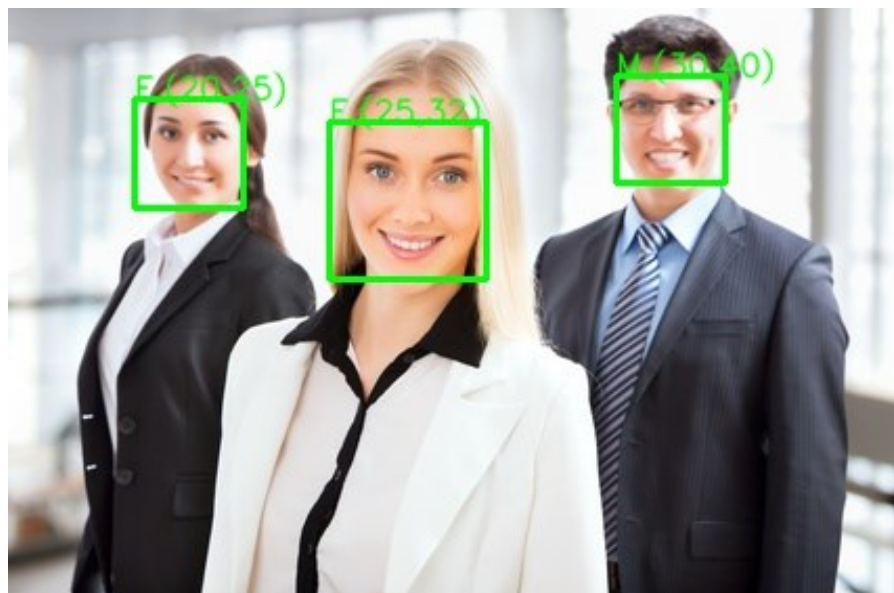
Our software can estimate age with accuracy up to +/- 5 years. The highest accuracy can be achieved by creating a suitable scenario for the software such as placing the camera at eye level of individuals together with optimal lighting conditions.

VIP Management

VIP customers of clubs, bank branches, or leisure parks can be automatically identified to allow access or to offer special handling.

Taking advantage of the visitor registration system, you can pre-register VIP guests to sign-in using a QR code. The system promptly alerts you about all details related to venues and meetings, via SMS and email.

A key component of visitor management is automatic facial captures. The camera captures images of all visitors entering your premises, heightening your facility's security.



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