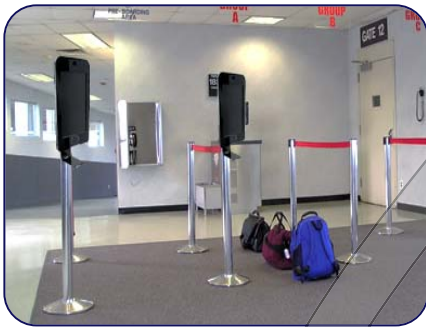


C-Gate

C-Gate is a traveling documents authentication solution. It ensures that only the person granted a boarding pass will board the plane and not an impostor, using face recognition biometric solution to facilitate that.



C-Gate Offers an innovative and advance solution for a dangerous loophole in airport security. This solution assists the airlines to conform to IATA regulations which define that the airlines must ensure that a person who checked in must be the one who board the plane. C-True re-evaluated the process and designed the C-Gate solution, to allow fast enrollment of the passenger face image at the check in desk and automatic verification of the passenger ID at the boarding gate, to support the boarding agent (even non

experienced) expedite the passengers boarding to the aircraft. C-Gate overcomes the aversion by both airlines and government to annoy travelers further with longer queues, especially since several airlines are experiencing financial difficulties.

C-Gate system assures boarding pass authentication by integrating flight information and facial features onto one record. When a person acquires an E-Ticket or obtains a boarding pass, C-Gate acquires a face scan and generates his face template. Later, when the person approached the gate for boarding, C-Gate acquires another image of the person and checks for match with the person's face template in the database. If a match is found, the system enables boarding and logs the transaction. If C-gate doesn't recognize the person his access will be denied and his flight record manually checked. Denied persons scans are captured and stored in the database, while such transactions are registered in the activity log for further investigations.

The 9/11 unfortunate events had strongly motivated border control organizations to automate the border control process, while ensuring secure authentication of travelers. ICAO (International Civil Aviation Organization) has validated face recognition and recommends it as the best suited biometric method for this type of application and is setting standards for storing and using biometrics with travel documents.



Your Face is Your Key



Features at a glance

- Kiosk type, embedded solution
- Easy to use, user friendly interface, fast to install, non intrusive
- A proprietary user positioning utility ensures almost 100% identification accuracy
- Includes high resolution face texture
- Identification attained by implementing a sophisticated mathematical imaging face feature detection and matching
- The system provides full management of traveling documents versus
- Enrolled persons in a fully hierarchical fashion
- Web based administration, database of transactions logging and access
- Built in database server for reporting / data export
- Master / chain to synchronize multiple ID stations
- Fast image acquisition - less than 1 Second
- Stand alone configuration or networked
- Secured and easy enrollment
- Encrypted database
- Capacity: scalable to any number of users, up to 150 user group profiles
- Covers applicant height 1.40m –2.00m
- Usability: 99.98%
- Verification speed less than 1 sec / person
- False Acceptance Rate: 1%
- False Rejection Rate: 2%
- Operation temperature: -5 °C to 50 °C
- Operation humidity: 10% to 90%
- Network interface via Ethernet
- C-Face facilitates easy fusion with other biometric solutions via BioAPI (ISO/IEC FDIS 24708)



About C-True

C-TRUE specializes in 3D real time machine vision.

Founded in 2006 it enjoys the academic atmosphere and resources of the Weizman Science Park in Israel. C-TRUE is staffed by Mathematicians, Computer Scientists, Physicists and Engineers. Our labs include advanced physical simulation, strong mathematical infrastructure and an advanced optical laboratory.

C-true has developed innovative 3D real time face recognition vertical solutions in software and hardware, aimed for home land security, access control system, consumer electronics and more.

C-TRUE's solutions combines dedicated hardware, mathematical algorithms, and proprietary software components that offer a compact, accurate, user friendly, and cost effective products that are modular to various market needs.

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