

Premier Onboarding 1.0

Automated self-onboarding solution for employees, visitors & partners



www.onevisage.com/uc-kyc-onboarding

OneVisage[®]
Sensitive Data Requires Premium Protection

Premier Onboarding at a glance

Premier Onboarding is a self-registration solution that addresses the needs for enterprises to speed-up the on-boarding process and credentials delivery while strongly verifying the identity of employees, partners, or visitors.

The solution particularly suits the needs of large enterprises, manufacturers, and event organizers to on-board tens, hundreds, or thousands of people in short periods of time, requiring only few human agents or supervisors to handle exception cases.

Based on state-of-the-art AI algorithms and a multi-channel approach (2D, infrared and 3D face pictures), Premier Onboarding is first in the market to propose an automated on-boarding solution that pushes the boundaries of confidence up to 99.99% when verifying user's identities. Unlike other solutions, it is no more possible to exchange or share registration badges.

The solution can easily interface with legacy HR management software (e.g. Oracle Human Capital Management, SAP SuccessFactors ...), event management services like Orange Live Access or visitor management systems (e.g. Envoy Visitors, HID SAFE ..) to deliver printed badges or digital badges (PackID by Orange Business).



THE CHALLENGES



Today's onboarding is **slow & costly**

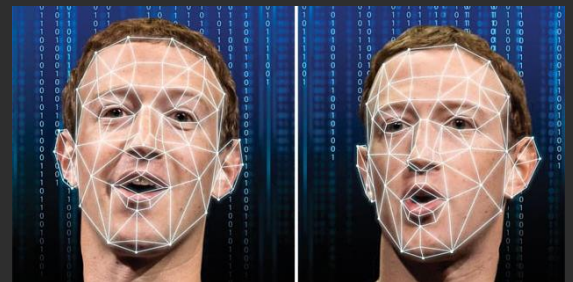
Nowadays, nearly all on-boarding solutions implement a manual or semi-manual process (e.g., a remote video session with an agent) where employee credentials, badges, entry passes or alike are delivered under the supervision of a human agent such as an HR representative, security agent or registration agent.

The higher the number of people to register per hour, the higher the probability of never-ending waiting queues.

It is all about **risk exposure**

On-line registration is not as secure as you think. Nowadays, counterfeiting digital identities is not that difficult and a fraudster may take less one hour to on-board in a service with a false identity, using various techniques such as deep fake photos-videos, stolen (genuine) ID cards, SIM card swapping or dual-SIM or social engineering.

Exchanging a registration code or badge - even with a picture - is common, as fraudsters assume that it would not be possible to verify every single identity. If a human agent has an average accuracy of 97% to recognize individual faces, use of face morphing techniques allows fraudsters to bypass security checks with a success rate higher than 50%.



Person A

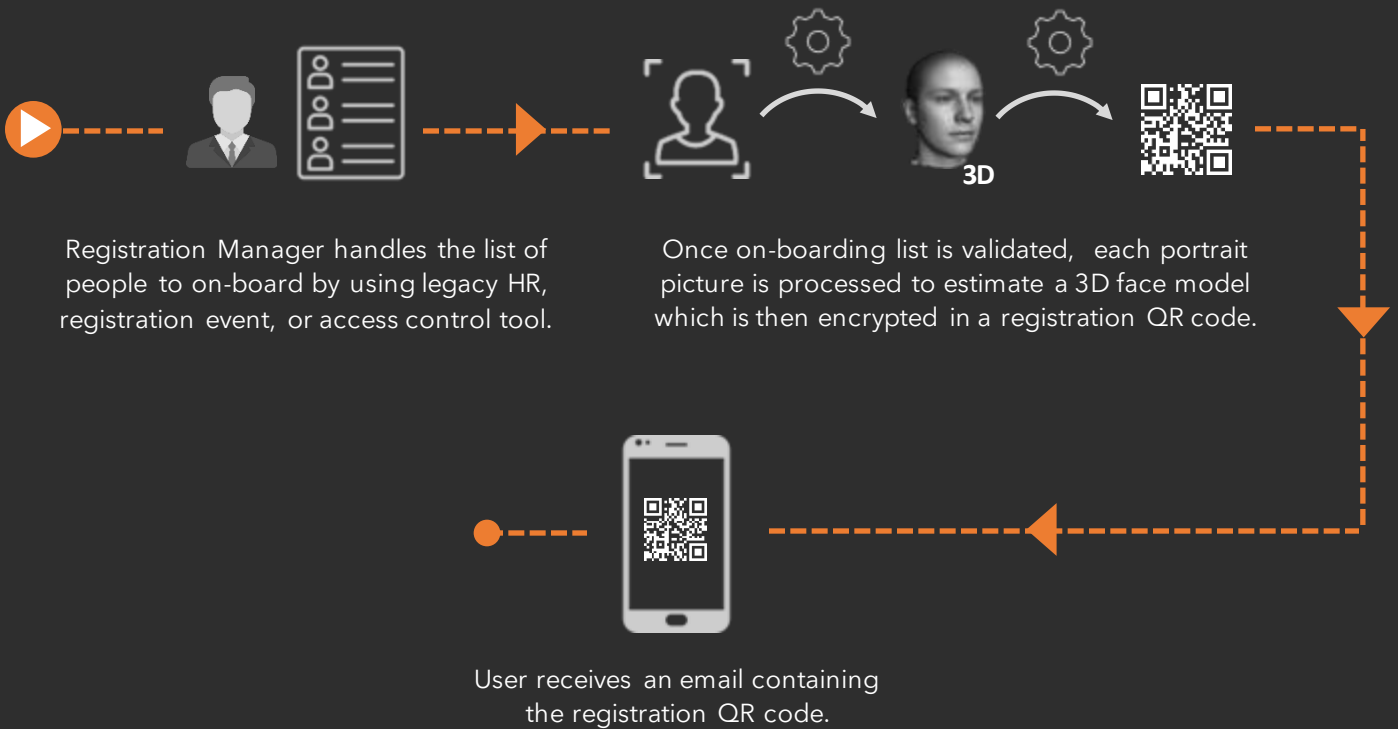
Person A+B

Person B

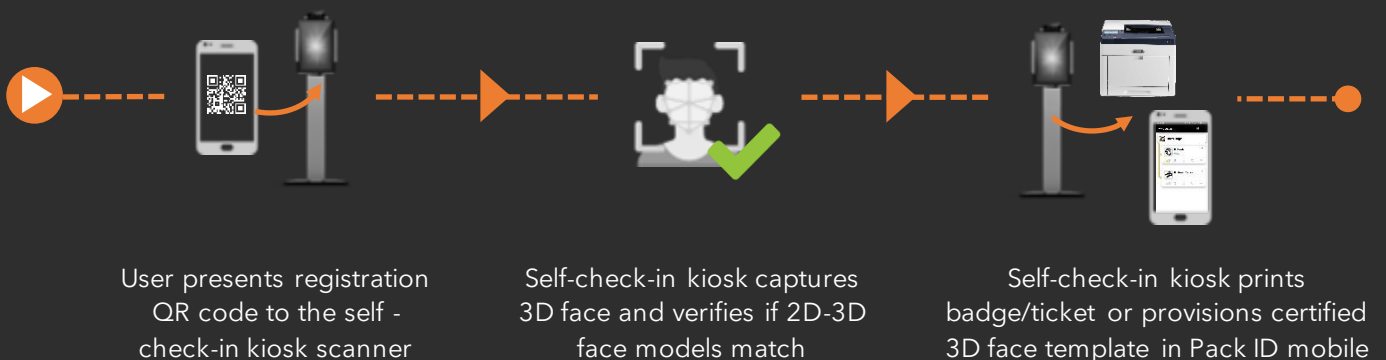


PREMIER ONBOARDING: A SIMPLE AND SECURE WORKFLOW

REGISTRATION



BADGE DELIVERY



PREMIER ONBOARDING: SELF-CHECK-IN KIOSK HARDWARE

Kiosk Hardware



Elotouch I-Series 2.0
Windows - 15 inches



Elotouch I-Series 2.0
Windows - 22 inches



Elotouch I-Series 4.0
Android - 10 inches

Options



Gemalto/3M ID Card
Passport Reader
(* Windows only)



Laserjet or Inkjet
Printer

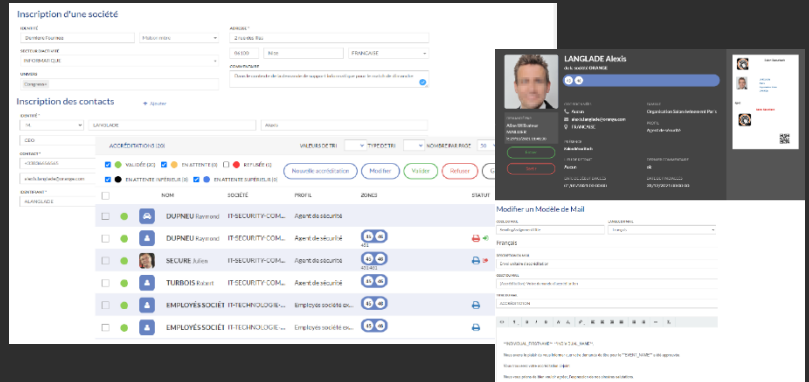


BLE 5.0+ USB Dongle
(*if Pack ID badges are
used with Windows kiosks)

PREMIER ONBOARDING: PLATFORMS & TOOLS

LiveAccess

by Orange Business



PREMIER ONBOARDING: SPECIFICATIONS

Server

- Windows or Linux
- Hosting: on-premise or in the cloud
- Number of APIs: 2
- 2D to 3D face model conversion time: < 1 sec.
- Output 3D face model formats: QR image or raw data
- Size of the QR image: 1.2kB (v1.0), 2.4kB (v2.0 - roadmap)

Client (Kiosk)

- Windows (*Linux, Android on roadmap Q1 2024*)
- 3D webcams supported: Orbbec Embedded S, Elotouch 3D camera
- QR scanners supported: Zebra SE4107
- Preliminary performances measured: FAR = 0.01% at FRR = 0.00%
(*test database of 110 persons, from 35 to 70 centimeters distance, Yaw +/-30 degrees*)
- Photo/Video presentation attack detector: Yes
- 3D Mask presentation attack detector: No (*roadmap 2025)
- Average authentication journey: 1.5 sec. (Intel i5 9500TE processor)



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