

MFACE

Keep on moving!



When it comes to identity enrollment and verification, collecting accurate data is an absolute must. But the user's experience is also very important. A Biometric approach is the answer. Why? Because only biometrics can guarantee the uniqueness of the user's identity and the certainty of correct identification. And for the user, it is both a painless and an efficient process

Smart capture for the ultimate user experience!



MFACE ensures highly accurate and performant identification 'on-the-move', based on customizable parallel processes.

- > Simultaneous, multi-face tracking and capture
- > Compatible with IDEMIA's cloud based identification services
- > Embedded anti-spoofing capabilities
- > Accurate one to many matching
- > Touchscreen
- > Privacy by design: GDPR compliant

MFACE is a field proven, **'on-the-move'** biometric solution from IDEMIA. At the forefront of facial biometric technology, it improves people flow management while increasing security. It does this by combining truly seamless face acquisition with accurate, on-the-spot ID verification. More than that, efficient 3D video tracking enables simultaneous, **multi-face tracking and capture**, keeping people 'on-the-move' at all times, with no compromise on image capture quality or matching performance. MFACE achieves this in one single, elegant, connected solution.

MFACE is a comprehensive solution for a range of applications where **high throughput, security and convenience** are vital. Typical applications include kiosk, self-bag drop, border control and self boarding.



MFACE in action today

MFACE contributes to a secure and seamless passenger process throughout the Terminal 4 of Changi Airport (Singapore). Indeed, it supports fast, 'on-the-move' face capture and accurate matching of a passenger's identity for a range of

applications: self-bag drop, Airside Access and Self boarding. Now passengers, through IDEMIA's facial recognition technology, enjoy faster processing throughout touchpoints and a more pleasurable experience of travelling.

MFACE is also live and running in: Auckland Airport, New Zealand to verify passengers at self-bag drop, and for border control in Auckland, Wellington, Christchurch and Queenstown Airports, New Zealand and Oslo Airport, Norway.



Highly flexible, MFACE comes either as a **Stand-alone Unit**, **Desktop Unit** or as a ready to integrate **OEM Kit**.

DESKTOP UNIT

- › Very small footprint
- › Various use cases: enrollment, payment, KYC
- › Touchscreen for interaction with user

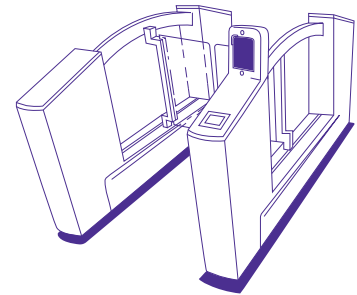


STAND-ALONE UNIT

- › Ready configured out of the box solution
- › Stylish housing to blend in with most surroundings
- › Suitable for integration into eGate
- › Touchscreen for interaction with user



OEM KIT



- › For high interoperability, easy deployment and simple integration into diverse environments (self-bag drop solution, kiosk, self boarding, etc.)

Technical features

- › High Definition Image
- › Detection range (height): 1 m to 2.1 m (3.3 ft to 6.9 ft)
- › Capture distance: 0.4 m to 1.5 m (1.3 ft to 4.9 ft)
- › Robust to ambient lighting: automatic, intelligent gain and exposure control
- › Adjustable thresholds: capture time, FRR, FAR
- › Fast capture and matching time: < 2 s
- › Matching capabilities: 1:1 and embedded 1:N (up to 10K)
- › Biometric template size: very small, compatible with 2D/QR barcode
- › Customizable GUI through web service: use your own contents and workflows
- › Compliant with international standards: ISO/IEC 19794-5
- › Regulatory approvals: CE, FCC, IEC, RoHS, REACH, WEEE

Stand-alone unit:

- › Dimensions (LxHxD): 22*37*7 cm (8.66*14.57*2.75 inch)
- › Touchscreen: 9.7"
- › Integrates RGB beacon: controllable through web service
- › Equipped with VESA clip: compatible with multiple, customizable foot bases

OEM kit:

- › 2 video cameras, 1 PC, 1 web service

Desktop unit:

- › Dimensions: (LxHxD): 22*44*26 cm (8.66*17.32*10.23 inch)
- › Touchscreen: 9.7"
- › Integrates RGB beacon
- › Small embedded PC
- › Small footprint

MFACE Key benefits

HIGH SECURITY

- › High image quality: multi-camera technology ensures the capture of rich facial information
- › High matching accuracy: MFACE integrates IDEMIA's deep learning technologies
- › Embedded, accurate matching capabilities: 1:1 and 1:N
- › Anti-spoofing capabilities
- › Secured web service and encrypted communications
- › Privacy by design: MFACE is compliant with the European General Data Protection (GDPR) directives

HIGH THROUGHPUT

- › Simultaneous, multi-face tracking and capture
- › Fast and accurate matching
- › Video tracking capability

LOW COST OF OWNERSHIP

- › High availability: 99.8%, 24/7
- › No moving parts: all components are fixed. There is no need for any mechanical adjustment
- › No specific skills required to operate and maintain
- › Open architecture, web service with generic API

HIGH USABILITY

- › Settings and operational parameters are fully configurable
- › Customizable GUI through the web service
- › Resistant to lighting variations by virtue of its embedded automatic gain control
- › Guaranteed facial image capture for a wide range of user profiles and behavior
- › 100% non-intrusive, requiring limited user cooperation
- › Integrated touchscreen capability: depending on the use case, MFACE offers the user the opportunity to interact, through a simple interface, for an improved experience