

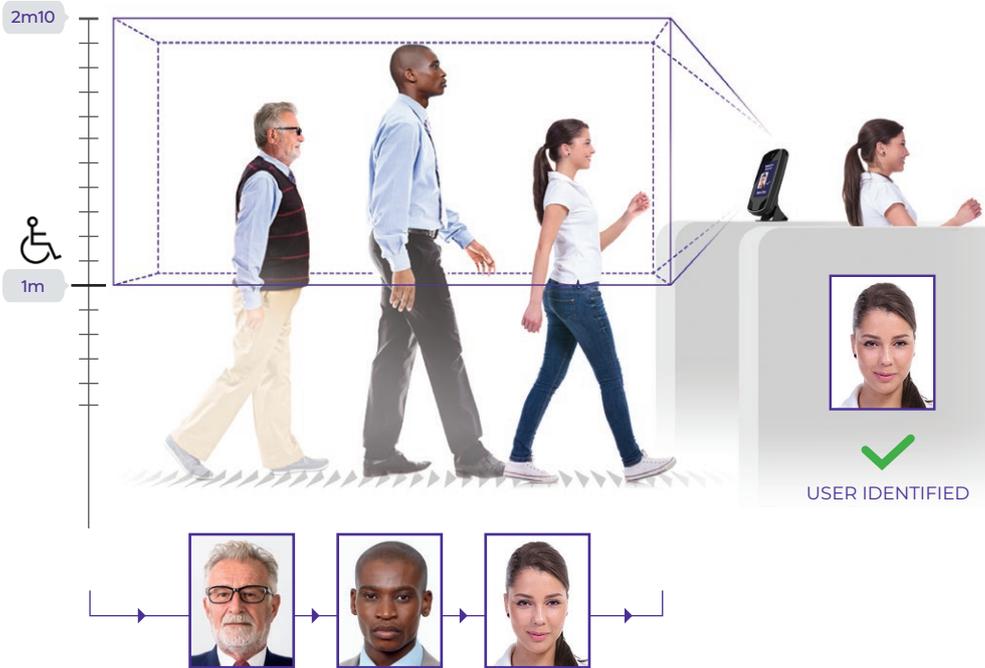
MFACE™

Keep on moving



When it comes to identity enrollment and verification, collecting accurate data is critical. But the user 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 correct identification. And for the user, it is both a frictionless, hygienic and efficient process.

Smart capture for the ultimate user experience



Field-proven, MFACE offers contactless **walk-through, multi-face** capture and facial biometric matching in one single device.

It significantly **speeds up** passenger clearance with no compromise on **security**, notably through **presentation attack detection**.

MFACE is suitable for **various environments** and a **wide range of applications** where high throughput, security and convenience are key. Typical applications include kiosks, self-bag drop, border control and self-boarding.



MFACE in action today

700+ MFACE units have already proven their efficiency around the world!

MFACE contributes to a secure and seamless passenger process throughout the Terminal 4 of Changi Airport (Singapore). It supports fast face capture and accurate matching for a range of applications: self-

bag drop, airside access, border control and self-boarding. Through IDEMIA's facial recognition technology, passengers now benefit from faster processing at all touchpoints and a more enjoyable travel experience.

MFACE is also live and running in: Auckland Airport (New Zealand) to verify passengers at self-bag drop, Los Angeles Airport (USA) for smart boarding, and for border control in Auckland, Wellington, Christchurch and Queenstown Airports (New Zealand), Oslo Airport (Norway), and seven sea ports in the USA for cruise lines.



Highly flexible, MFACE comes either as a **standalone 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

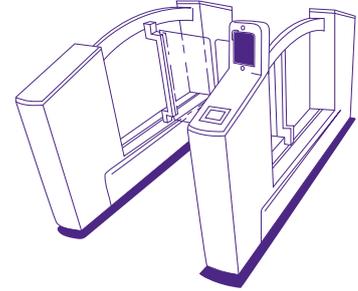


STANDALONE UNIT

- › Readily configured out-of-the-box solution
- › Stylish housing to blend in most surroundings
- › Suitable for integration into eGates
- › 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

- › Capture 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, smart 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 entries)
- › Biometric template size: very small, compatible with 2D/QR barcode
- › Compliant with international standard ISO/IEC 19794-5
- › Certifications: IEC CB, CE, FCC, BIS, RoHS, WEEE

*FRR: False Rejection Rate - FAR: False Acceptance Rate

Desktop unit:

- › Dimensions (LxHxD): 22*44*26 cm (8.7*17.3*10.2 in)
- › Touchscreen: 9.7"
- › Stand-alone unit + small embedded PC

Standalone unit:

- › Dimensions (LxHxD): 22*37*7 cm (8.7*14.6*2.8 in)
- › Touchscreen: 9.7"
- › Integrates RGB beacon: controllable through web service
- › Equipped with VESA clip: compatible with multiple, customizable foot base

OEM kit:

- › 2 video cameras, 1 micro computing unit (LxHxD): 8.7x5.3x7 cm (3.4x2.1x2.8 in)

MFACE additional 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
- › **Compatible** with IDEMIA's cloud-based identification services
- › **Anti-spoofing** capabilities
- › **Secured** web service and **encrypted** communications
- › **Privacy by design:** MFACE is compliant with the European General Data Protection Regulation (**GDPR**)

HIGH THROUGHPUT

- › **Simultaneous, multi-face** tracking and capture
- › Ready for **group processing**
- › **Fast** and accurate matching

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 behaviors
- › **100% non-intrusive** capture, requiring limited user interaction
- › **Integrated touchscreen** capability: depending on the use case, MFACE offers the user the opportunity to interact through a simple interface for an improved experience