

MFACE™

Keep on moving.



Collecting accurate data is critical to identity enrollment and verification. But user experience is important too. A biometric approach using IDEMIA's MFACE™ meets both requirements, combining the accuracy of biometrics with a frictionless user experience.

Smart capture for the ultimate user experience



The field-proven MFACE™ offers advanced walk-through, multi-face capture and facial biometric matching in a single device.

It significantly speeds up passenger clearance without compromising security, specifically by means of 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-service bag drop, border control and self-boarding.



MFACE™ in action today

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

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

service bag drop, air-side access, border control and self-boarding. Thanks to IDEMIA's MFACE™, passengers now enjoy faster processing at all touchpoints and a more enjoyable travel experience.

MFACE™ is also live and running in **Los Angeles Airport** (USA) for smart boarding, **Auckland Airport** (New Zealand) to verify passengers at self-service bag drop, 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.

IDEMIA MFACE™

» The highly flexible MFACE™ comes either as a **desktop unit**, a **standalone unit** or as a ready-to-integrate **OEM kit**.



DESKTOP UNIT



- Very small footprint
- Various use cases: enrollment, payment, KYC
- Touchscreen UI

- > Dimensions: 8.7 x 17.3 x 10.2 inches
- > Touchscreen: 9.7 inches
- > Stand-alone unit + embedded PC

STANDALONE UNIT



- Readily configurable out-of-the-box solution
- Stylish housing
- Suitable for integration with eGates
- Touchscreen UI

- > Dimensions: 8.7 x 14.6 x 2.8 inches
- > Touchscreen: 9.7 inches
- > Integrates RGB beacon: controllable through web service
- > Equipped with VESA clip: compatible with multiple, customizable footbases

OEM KIT

- For interoperability, easy deployment, and simple integration with diverse environments, the packaged OEM Kit allows configuration as a kiosk (shown above), self-service bag drop solution, self-boarding gate, and more.
 - > Power consumption from USB3 ports
 - > PC recommendation: 16 GB, micro form factor, GPU, i5 processor or better, at least 4 USB 3.0 ports, 256 GB storage.*
 - > 2 video cameras
- * For recommendations, call 888-488-4140



Technical Features

- > Capture range (height): 3.3 feet to 6.9 feet
 - > Capture distance: 1.3 feet to 4.9 feet
 - > Robust to ambient lighting: automatic, smart gain and exposure control
 - > Adjustable thresholds: capture time, FRR*, FAR*
 - > Fast capture and matching time: < 2 seconds-
 - > Fully interface-ready with CBP TVS
 - > Matching capabilities: 1:1 and embedded 1:N (up to 10k entries)
 - > Biometric template size: very small, compatible with 2D/QR barcodes
 - > Compliant with international standard ISO/IEC 19794-5
 - > Certifications: IEC CB, CE, UL, FCC, BIS, RoHS, WEEE
- * FRR: False Rejection Rate
FAR: False Acceptance Rate



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** webservice and **encrypted** communications

HIGH THROUGHPUT

- > **Simultaneous, multi-face** tracking and capture
- > Ready for **group processing**
- > **Fast**, 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

- > **Fully configurable** settings and operational parameters
- > **Customizable GUI** through the web service
- > **Resistant to lighting variations** thanks to embedded automatic gain control
- > **Guaranteed facial image capture** for a wide range of user profiles and behaviors
- > **100% non-intrusive**, requiring limited user cooperation
- > **Integrated touchscreen:** depending on use case, MFACE™ lets the user interact through a simple UI for an improved UX.

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