MFACETM

Keep on moving.

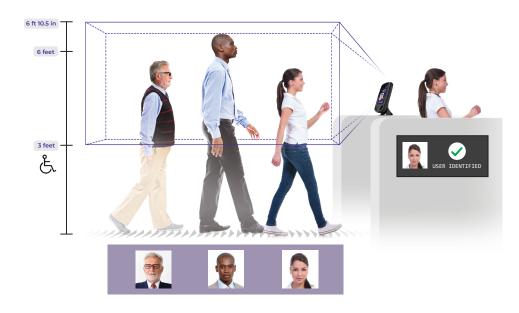






Collecting accurate data is critical to identity enrollment and verification. But user experience is important too. A biometric approach using IDEMIA's MFACE™ meets both requirements, combining the accuracy of biometrics with a frictionless user experience.

Smart capture for the ultimate user experience



The field-proven MFACETM offers advanced walkthrough, 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.







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 outof-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

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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 cloudbased 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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