



## Mobile ID SDK

Seamless travel  
journeys start mobile.

Vision-Box Mobile ID SDK enables airlines, airports and border control agencies to shape the future of seamless travel. The product transforms the way passengers interact with stakeholders along their travel journey by providing a contactless and paperless experience. Rooted on privacy-by-design principles, where the passenger can choose to share only the information required for the purposes intended, Mobile ID SDK increases speed and convenience for all passengers.

### Key Benefits Stakeholders



#### Airport

- Increases traveller throughput at all checkpoints
- Leads to greater operational efficiency by reducing travellers' time spent in queues
- Maximises airport revenue as travellers have additional time to spend enjoying airport services and amenities



#### Travellers

- Increased travellers' satisfaction
- Individuals have control over their biometric data, not having the need to present physical travel documents
- Easy to use, intuitive interactions throughout the whole traveller journey



#### Airlines

- Real-time data visibility across the whole traveller journey
- Ability to deliver superior customer experience and improve retention
- Opportunity to differentiate services offering from the competition

## Features

### Travel document capture

Used to extract the user's Travel Document data and perform the available security validations. This functionality works in two ways: the document is identified from the machine scanning; or in the case of e-documents, the user is prompted to place the mobile device over the travel document in order to perform a RFID scan. Passive authentication of documents is also an option if supported by the Travel Document and the issuing country. It works with both e-documents and non e-document types.

### Boarding Pass Reader

Used to extract information from the user's boarding pass through barcode reading capability. This functionality supports different boarding passes formats as per IATA recommendations: PDF417, Aztec, QR code, Data Matrix.

### Biometric Matching

This service allows you to submit two different biometric images, in order to check that they represent the same person. This is useful whenever you need to check if the current user is the same person as the physical ID owner in any enrolment process. The candidate image is also converted in a Template allowing the optimization of the flow of data transferred.

### Orchestra Integration for Verification and secure Enrolment

Mobile ID SDK is integrated with Orchestra™ allowing the usage of Passenger Data Envelope concept to share passenger biometric information with different stakeholders throughout the airport journey with the security level needed following the Privacy by Design principles and certification.

### Ready for iOS & Android

The Mobile ID SDK is ready to be used on both iOS and Android.



### Biometric Capture

Mobile ID SDK provides a functionality that simplifies the process of obtaining a frame for biometry checks. In order to achieve that, we use face automatic detection technology, real-time instructions and real-time controls for high quality selfie capture of the user's face.

### Image Quality

This service ensures that the quality of the image is compliant with VB standards of Enrolment for Identification, which is based on ICAO 9303 Face frontal criteria. Also, before submitting the image to an Orchestra service where the final control is performed, the Mobile ID SDK ensures a first level of checks optimizing the flow of data transferred.

### Liveness Detection

Functionality that will detect if the face present for capture is in fact from a live individual or a forged image using a silent Passive solution certified Level 2 by the standard ISO/IEC 30107-3 Presentation Attack Standard. Third party integration: Liveness feature uses a third party service.



# Unlocking the Power of Digital Identity

**airasia.com**

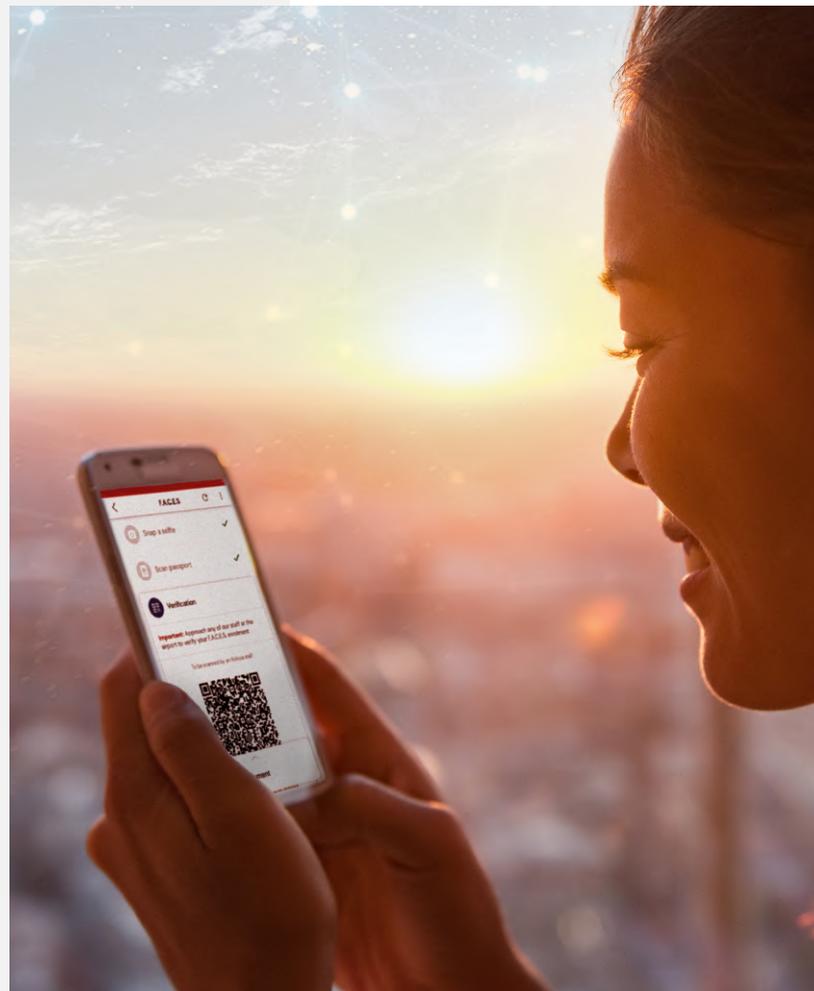


## Success Case

As a leader and pioneer of new seamless digital identification technologies throughout the travel ecosystem, AirAsia has already demonstrated its ability to be ahead of the curve by quickly respond to the COVID-19 pandemic restricted travel environment and the need for new travel safety requirements. This is evident in initiatives such as F.A.C.E.S (Fast Airport Clearance Experience System): the airline's contactless facial recognition passenger processing system.

AirAsia has bold ambitions to become both a digital travel and lifestyle platform. Vision-Box's approach equipped AirAsia with a Mobile SDK to capture high-quality facial recognition data, allowing them to quickly and accurately verify users' documents through e-passport and border technology. This solution will dramatically improve the customer experience with a single token enrolment for services at key customer process points.

[Read the full story here](#)



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