



Mobile ID SDK

Seamless travel journeys start mobile

Vision-Box Mobile ID SDK enables airlines, airports and border authorities 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, the Mobile ID SDK increases speed and convenience for all passengers.

Key Benefits Stakeholders



Airports

- 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

- Increases traveller 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

The user is prompted to capture a picture of the travel document data page and, in case of electronic documents, to place the mobile device over the travel document in order to scan the RFID chip.

Boarding pass reader

Scanning the information from the user's boarding pass, supporting different boarding passes formats as per IATA recommendations: PDF417, Aztec, QR code, Data Matrix.

Biometric capture

The 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 face image is compliant with biometric quality standards for enrolment, such as ICAO 9303 face frontal criteria.

Biometric liveness detection

The SDK includes the detection of face liveness, to confirm that the captured selfie is from a live individual. It uses a silent passive detection solution, compliant with ISO/IEC 30107-3 PAD Level 2.

Biometric matching

This service allows the passenger to authenticate his identity by matching the face captured image with the biometric image extracted from the travel document chip.

Seamless Journey Platform integration

The Mobile ID SDK is integrated with Vision-Box Seamless Journey Platform enabling the use of the digital identity throughout the passenger journey with high security level.

Ready for iOS & Android

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

