



Fly to Gate

The Biometric Airport Journey

Fly to Gate offers the possibility to set up a biometric pathway through the airport, from check-in to boarding, using biometry as a traveler authentication method at all passenger touch points. Automated biometric and document verification technologies allow for partial or end-to-end self-service experience, according to the needs of airports and airlines and to the pace at which they wish to deploy. Passenger satisfaction is at the heart of the Fly to Gate concept, as they will benefit from best in class security with reduced queuing, and more free time to relax and shop before boarding their planes.

Fly to Gate Solution

Biometric enabled self-service to speed up & streamline traveler processes

Mobile check-in



Airport check-in



Bag drop



Border control

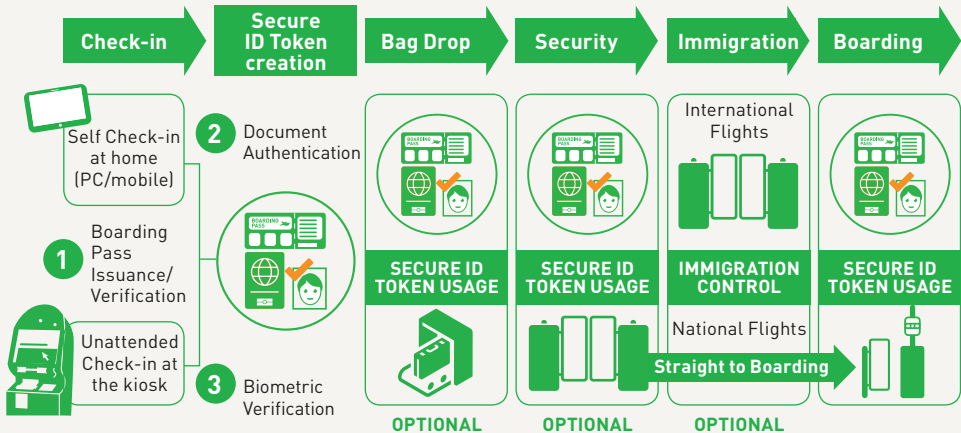


Access to security or to plane



A smooth & efficient passenger process with self-service from check-in to boarding

A seamless traveler flow with a unique ID token



Creation of a temporary ID Token

Usage of the ID Token temporarily stored. Deleted after boarding

Technology enablers for Fly to Gate

Strong Automation and Self-Service Products

- > Boarding Pass name matching against passport
- > Validation with Passenger Boarding System

Expertise in airline & airport systems integration

Automated Document Authentication

- > Graphical verification: Security features under white, UV, IR lights
- > Electronic verification: chip based authentication mechanisms

Strongest Document Template Database with 1700+ documents.
Passport ww coverage 95%

Biometric Verification for Passenger Authentication

- > Live Biometric Capture & Quality Assurance
- > Multimodal biometric support: Face/ Fingerprints/Iris

1:1 comparison (e.g. against travel document)
1:n comparison (e.g. against a biometric data base)

Document Authentication

Based on underlying document and equipment there are different types of verification:



DV Level 1

ID Verification through Visible Light

Smartphone, Tablet, Web
(Online check-in)



DV Level 1-e

If Underlying document verified is contactless (NFC)

NFC Smartphone, NFC Tablet
(Online check-in)



DV Level 2

Electronic and non-electronic document verified using specialized full page scanners

Full passport scanner
(Kiosk)

Document Authentication Level 1



**Multi-function /
A4 Flatbed scanner**



Smartphone / Tablet



Webcam*

- > Scan of one (Passport) or two page documents (for IDs, RPs, DLs)
- > Automatic Identification of document (country, type, version)
- > MRZ extraction, format and validity
- > ICAO Format Validation of VIZ fields
- > OCR of the Visual Inspection zone
- > Consistency / Integrity of the MRZ vs VIZ
- > Extraction of all ID extracted data and photo for delivery to customer along the document verification assessment
- > Data Page Photo Replacement(*)
- > Verification of visual security features and patterns over white-ambient light(*)

(*) Data photo replacement verifications and visual security verification are dependent on the image quality and the underlying security measures of the document.

The biometric passenger pathway

Enjoying a smooth journey of trust with automated and systematic identity and document verification. Welcome to the future of secure travel!