THALES

Thales Gemalto Document Verification

Improving the security, efficiency and traveler experience at airports

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Identity & Biometric Solutions

While airlines and airports are preparing for biometrics, you may be contemplating your strategy in implementing the passenger journey. Biometric verification during enrollment and check-in provides an easy first step into unlocking a more efficient and secure journey and an immediate ROI.

Document and biometric identity verification removes the onus of ID checks from employees and federal agents. By utilizing software to check the document authenticity and its validity for travel, airports and airlines can increase security while also preventing unpleasant surprises at the gate or destination.

Facial recognition can further enhance security by linking the traveler to the verified document and using the biometrically verified ID to improve the traveler's experience, including biometric bag drop and airside service and hospitality enhancements.

Real Time ID Document Forensics

With Thales' solution, kiosks and check-in counters can all be used to capture an ID document – such as a passports, national IDs and driving licenses – and verify its authenticity. Using a Thales Gemalto Document Reader in the kiosk or bag-drop makes the document capture simple even for infrequent travellers and provides additional security checks allowing for enhanced verification of the document's authenticity.

Our solution provides unrivaled accuracy by performing a sophisticated analysis of the presented document within seconds, testing for document integrity, security features and data consistency. OCR and RFID technology and MRZ reading capture the data from the ID document, and a state-of-the art engine verifies the ID's authenticity by comparing it to a repository of genuine documents.

Reducing Human Error

The technologies used for document authentication should never stand still. That's why we examine security threads, special paper and ink, seals and holograms, patterns and geometric settings, data consistency as well as electronic elements and biometric data for ePassports and eID.

Our reference document library is always kept up to date, which removes the onus from employees to spot a fraudulent document and helps eliminate unpleasant incidents at the traveler's destination.

Facial Recognition to Match Travelers with Photo IDs

After verifying the authenticity of the ID document, the process can be enhanced to include biometric identity verification. By using facial recognition tests against the ID photo, the traveler is confirmed to be the person the document was issued to. The biometric ID verification result can be further used to assess the risk related to this passenger through checks in control lists.

Additionally, airlines and airports can use this foundational element to enhance the traveler's journey through the airport, as they move from immigration and security to the gate. And airlines can present new personalized loyalty experiences to their members.

IDENTITY VERIFICATION	ENROLLMENT FACILITATION
Traditional ID Verification	**Thales Gemalto Document Verification**
• ID verification **onus is on employees**: error-prone, inconsistent, costly	• Identity is **biometrically verified**
• **Manual and time consuming**	• Document authenticity is **checked within seconds**
• ID verification can **only be done by an agent**	• ID verification **can take place at a kiosk** or at the counter using a Gemalto Document Reader

Thales is the proud partner of the US government for document readers, biometric systems and ePassports, Department of Defense for ID cards, and state DMVs for secure IDs. Our expertise and reach makes us the most qualified partner for your ID verification needs.

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