IDEMIA

Artificial Intelligence serving border security

With over 3 billion air passengers around the world per year, which is estimated to double over the next fifteen years, border control is becoming a big issue for governments. Countries seek to strike a balance between security measures to protect their countries and an efficient flow and better experience for growing numbers of travelers, who are increasingly mobile and connected.

The number of air passengers is expected to double over the next fifteen years. As a result, border control is becoming a big challenge for governments. Discover how IDEMIA helps strike a balance between stringent security measures, efficient passenger flow and a seamless user experience with AI and biometric solutions.

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Biometrics to control borders

Immigration and customs authorities are the first in line to prevent terrorist attacks and combat organized crime and human trafficking. Yet an explosion in numbers of travelers is hampering their task to pinpoint threats without slowing down passenger flows.

Recent **border security** improvements, including use of **cutting-edge biometric technology**, ensures everyone who enters and leaves a country is safely identified, while providing more accurate details of who is in a country at any given time. **Biometric tech** does indeed reliably match travelers with their travel documents, thereby providing irrefutable proof of identity.

IDEMIA's latest generation solutions, including **biometric contactless technology**, help immigration officers in their daily border security tasks. The tech does indeed provide better security, make passenger flows smoother and improve people's travel experience via electronic counters, self-service check-ins and automatic passport controls.

Risk management by anticipating threats

To counter growing threats, systems automatically collecting and analyzing passenger data already exist in many countries to help authorities carry out their duties. Information given before flying (**API – *Advance Passenger Information***) and reservation details (**PNR – *Passenger Name Record***) helps authorities analyze and check passenger data in real

time before they enter or leave a country, while improving high data volume processing.

Data gathered such as travelers' previous trips abroad, help the authorities pinpoint potentially dangerous travelers and assess risks to passengers with a view to carrying out in-depth checks in the case of a real threat. So threats can be anticipated and manpower saved by concentrating on the small number of really dangerous passengers. Risks are not only reduced because they are identified, anticipated and so dealt with more efficiently, the travel experience is also smoother and enhanced due to shorter waiting times for the vast majority of passengers.

Analyzing travel data prior to a flight, which is made easier by latest AI tech, also brings additional resources to security officers. Thanks to **biometric passenger identification technology**, officers can now concentrate more on investigating dangerous individuals.

Latest generation electronic visas and travel authorizations

Managing visa and travel authorizations is nowadays an intrinsic part of modern, integrated **border security systems**. This is a key factor in improving **passenger security** and convenience. **IDEMIA** provides electronic visa and travel authorization solutions to transform and streamline procedures for both the traveling public and the authorities who issue **travel documents**. IDEMIA's solutions boost efficiency and border security by delivering irrefutable proof of identity underpinned by cross-checking documents with national and international lists prior to travel. The tech also allows easier control of overstays and smoothes arrivals by cutting queues at airports, sea ports and land borders based on forecasting demand.