Taking off with One ID

HOW A SINGLE ID WILL TRANSFORM AIR TRAVEL
WHY IT IS UNPLEASANT TO FLY NOW

When travelling, the journey is often as important as the destination. We want the trip to be safe, secure, and seamless. We want to be treated with the best service so that our business trips and holidays will be enjoyable.

More people are flying today, and airports are struggling to cope with the load. With heightened security threats, passengers are asked to go through more checks and screenings. All this leads to a poor flying experience.

As passenger numbers increase steadily, the problem will grow. As many as 7.8 billion passengers will travel in 2036, a near doubling of the 4 billion air travellers in 2017, according to the International Air Transport Association (IATA).

For each stakeholder in the aviation industry, the challenges of balancing efficiency with security are manifold:

**Airports**
- A crowded airport is difficult to navigate for passengers, limiting time spent on retail and entertainment. Adding new terminals or upgrading existing infrastructure, involves huge costs.

**Governments (Border Control)**
- Governments are concerned about safety and security at border and immigration control, while seeking to protect airports from potential risks. Authenticating more passengers with legacy processes is time consuming and labour-intensive.

**Airlines**
- Airlines need to provide excellent customer service, while ensuring safety and security, keeping cost low in-light of increased competition. Delays at touchpoints mean flight delays. Incomplete or incorrect passenger advanced passenger information brings additional losses. Upon arrival, unauthorised passengers are deported back, at a cost to airlines.

With a seamless, efficient and secure experience, passengers can proceed through the previous “bottlenecks” at an airport without fuss. This brings enormous benefits for all stakeholders involved.

**Smaller transits for busy airports, as passengers choose self-service and frictionless travel through One ID. This ensures better management of assets and resources along with saving infrastructure costs.**

**Reduced fraud and criminal activity, with a robust face recognition and document verification system. With One ID in place, officers can focus on passengers who require additional checks, instead of performing random inspections on travellers.**

**Improved experience for passengers, who can be identified early and provided with personalised service. Especially for VIP customers, the ability to understand their preferences better will lead to customer loyalty.**

Why NEC

Not all biometrics technologies are the same. NEC’s high-quality algorithms have been proven in numerous deployments worldwide in a variety of settings, including aviation. A trusted vendor, we deliver real-world performance using the latest cutting-edge technologies.
Repetitive processes are eliminated, touchpoints are reduced and queues are shortened.

Instant verification cuts the time spent on manual ID checks, reducing manpower demands and boosting capacity at airports.

Biometrics offers improved security. Face recognition with liveness detection now spots spoofing.

One ID makes it harder to cross borders under a false identity, reducing crime.

NEC's face recognition has been proven across different scenarios, from airports to stadiums, in providing accurate matches. It brings security with efficiency, allowing those who are authorised to enter without delay and identifying others on a watchlist effectively.