

Orchestrating a brighter world

NEC

Faster and more secure turnarounds at airports

Bio-FAST (Biometric Fully Automated Seamless Travel)



Speedy. Secure. Seamless. Air Travel Designed for the Future



As global air travel expands exponentially, NEC has introduced Bio-FAST (Biometric Fully Automated Seamless Travel) to enable faster and more secured turnarounds at airports.

Bio-FAST is an identity management system allowing airline passenger systems, airport control procedures and immigration clearance to come together in a simplified regulatory process.

Our completely automated integrated biometric checks process passengers in just **20 seconds** and self-boarding gates are intuitive enough to take just **5 seconds** to pass through.

Security is not compromised for speed either, as Bio-FAST has an underlying world-class facial recognition technology that collects further security intelligence.

NEC Bio-FAST provides the ultimate solution at critical travel points:

- Integrated Biometric Clearance (IBC) for automated immigration check
- Self Boarding Gate (SBG) for automated boarding



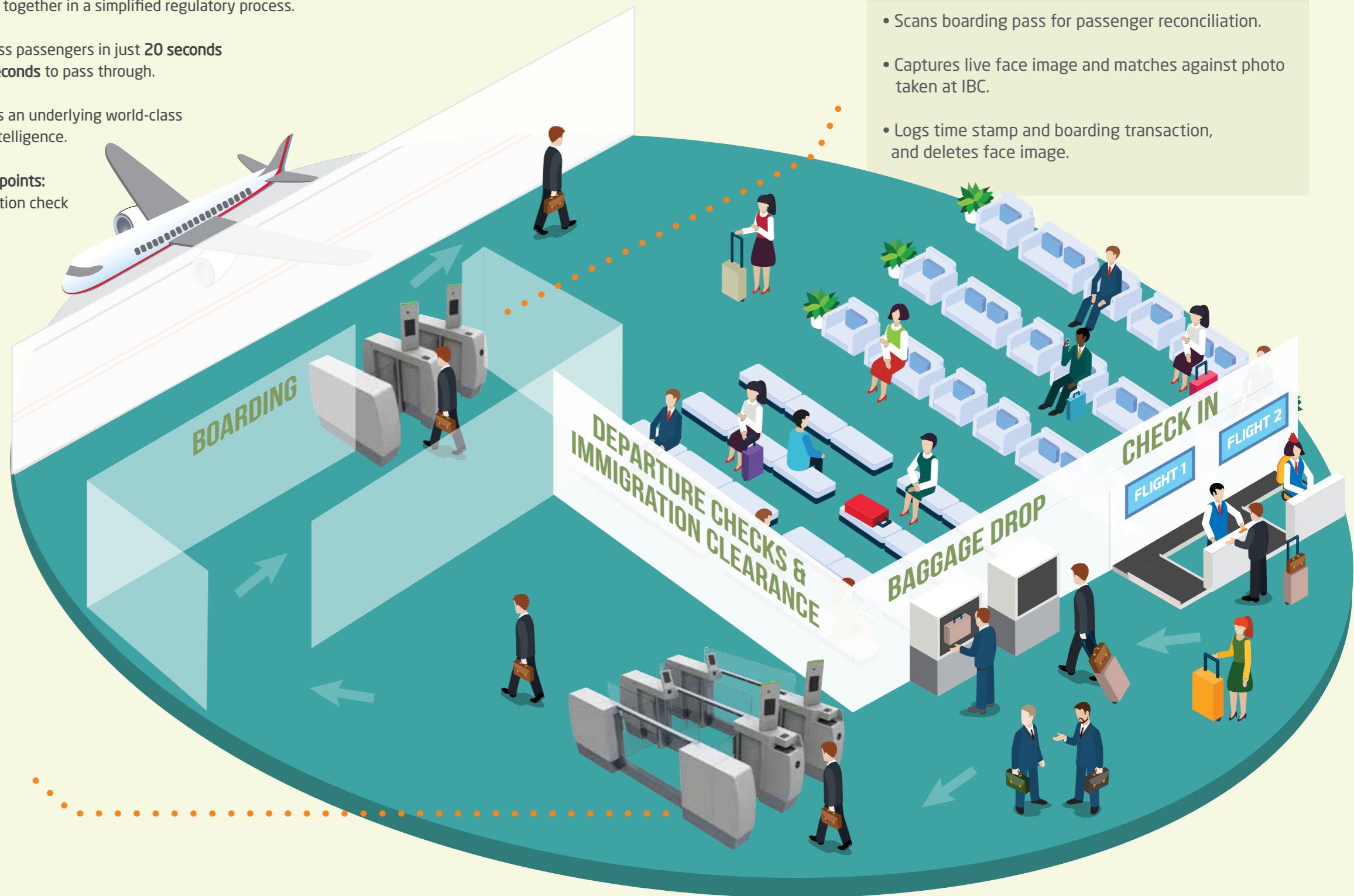
2. Self Boarding Gate (SBG) Passenger Authentication/Reconciliation

- Scans boarding pass for passenger reconciliation.
- Captures live face image and matches against photo taken at IBC.
- Logs time stamp and boarding transaction, and deletes face image.



1. Integrated Biometric Clearance (IBC) Departure Document Check/Immigration Clearance

- Scans passport and boarding pass, performs name match and tags passport with seat number.
- Captures live face image, matches to passport or e-passport for confirmation and tags live face image with passport.
- First gate opens for passenger to walk through to perform automated immigration clearance with fingerprint match.



Key features



100% automated biometric checks with high accuracy and speed



Matching of live data with passport eliminates pre-registration process



Serves ALL travelers with a valid passport from ANY country



Automated and intuitive



Groundbreaking security intelligence for transit airports

Benefits

Aviation stakeholders can expect to reap considerable benefits :

- **Faster turnaround** : Increase terminal throughput by up to 15% per annum
- **Enhanced user experience** : Simplified and smoother process for passengers
- **Optimize airport infrastructure and manpower deployment** : Maximize utilization of valuable space and staff
- **Accurate security processes** : Significantly cut down on errors resulting from manual passport verification checks by security agencies

▶▶▶ Airports

- Attract and retain airline customers by providing seamless self-service options
- Accommodate more flights, resulting in more revenue

▶▶▶ Passengers

- Better control and flexibility
- Simplified and smoother process
- Faster resolution of problems



▶▶▶ Airlines

- Cost reduction of service and operations by providing a range of self-service options to passengers
- Increased loyalty and revenues



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