

Passengers at the Bengaluru airport in India can now board with a simple wave of the hand

Launched in March of this year, Safran Identity & Security and Bengaluru International Airport Limited are deploying an electronic boarding process for domestic flights.

IDENTITY

POSTED ON 05.17.17

The system uses the passenger's **unique Aadhaar identification number** to **biometrically authenticate passengers** in real time, from arrival at the airport through boarding. Each checkpoint features **MorphoWave** high-speed and **touchless biometric technology** to facilitate the passenger processing. In less than a second, this device captures four fingerprints and matches them against the Aadhaar database. An automated process generates considerable time savings for an airport like Bengaluru, which experienced a 22% increase in passengers in 2016, rising to 22 million. Passengers will be able to pass these checkpoints much quicker, and no longer have to constantly show their ID documents & boarding pass/e-ticket.

Supported by staff members who are available if needed, passengers who already have an **Aadhaar number use self-service check-in machines**, to enroll themselves in our system & validate their identities. Then they **authenticate themselves** at a control gate equipped with a **MorphoWave scanner**, to prove that they have a ticket. In India, only persons with tickets are allowed to enter airport terminals. Passengers then go through a first **biometric gate** to reach the check-in area, and then a second **biometric gate**, entering a restricted access security zone. The third **biometric access**, is checked by a police officer to reach the boarding zone. When boarding, a staff member uses a tablet to check their boarding pass before entering the plane.

Bengaluru is the first airport to use a **biometric identification process** based on **Aadhaar ID numbers**, offering a thoroughly modern passenger experience that will contribute to the digital transformation of India. Indian passengers with a driver license (which also contains their fingerprints), and passengers with a **biometric passport** from other countries can also take advantage of this **e-boarding system**. When checking in, they are assisted by a police officer, who scans their passport and boarding card, and saves their fingerprints to ensure traceability.