



2024 ICAO **TRIP** SYMPOSIUM

MONTREAL, CANADA | NOVEMBER 13-15





Dharmendra Kumar

Joint General Manager (IT)

Experience : More than 34 year long experience in Aviation Industry include 23 years related to IT services implementing biometrics attendance projects for various Airports, and more than 11 years in Aeronautical communication services.

DigiYatra Vision



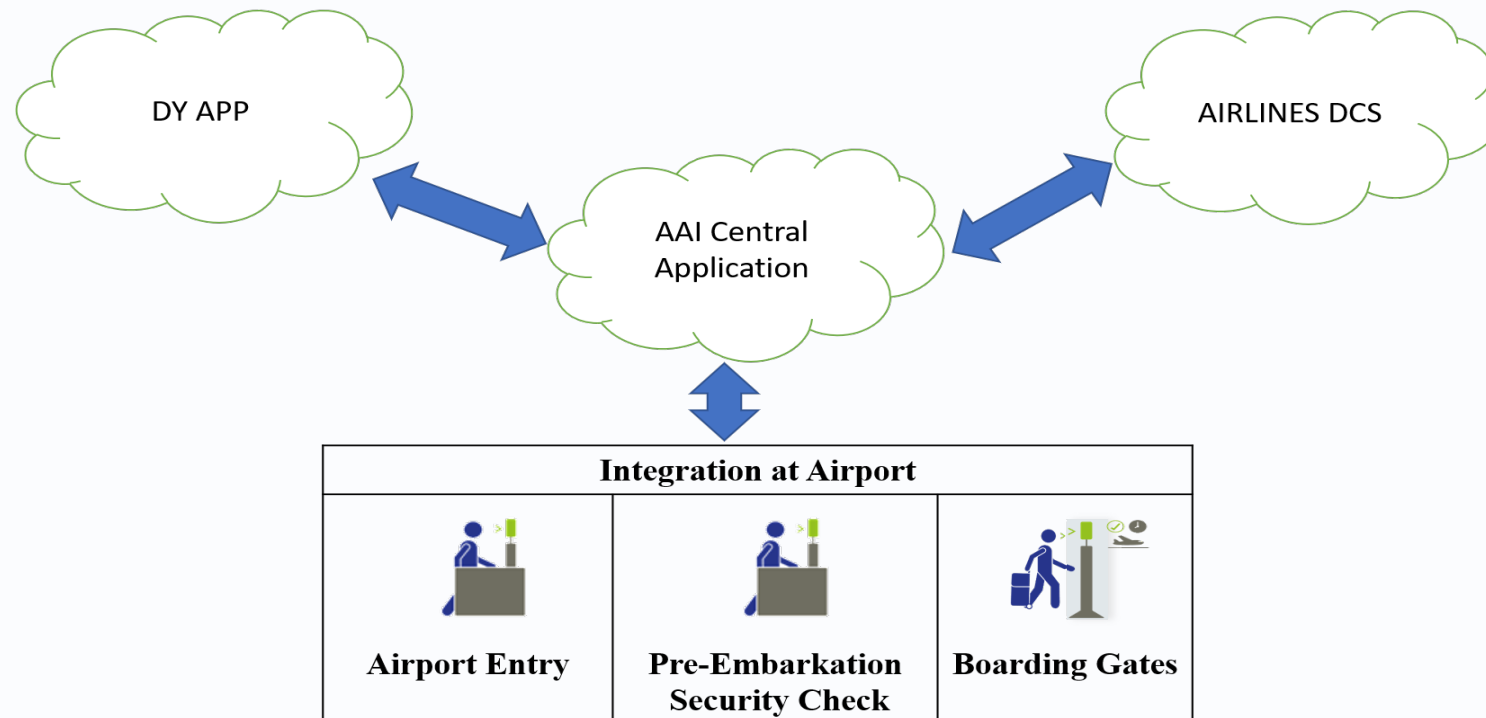
“ DigiYatra ” is a technological innovation wherein passengers will have a seamless travel experience right from airport entry point till the boarding gates.

- **DigiYatra is an initiative of Ministry of Civil Aviation (MoCA).**
- Project is aimed for all domestic travellers across India.
- DY is a consent based system. Passengers can “Opt in/ Opt Out” from such services at any given point of time of their travel.
- DigiYatra is implemented on Data Privacy by Design (DPbD) principles and travel credentials is fetched through QR code generated in Boarding Pass, as per IATA Resolution 792.
- DigiYatra has two components:
 - ❖ **DY APP:** Passenger can enroll themselves and share credentials to Airport. Under the framework of “DigiYatra Foundation” a Joint Venture (a not-for-profit company) incorporated by Airports Authority of India and Private Airport Operators. AAI holds 26% of the stake in the JV.
 - ❖ **Biometric Boarding System (BBS):** Airport Infrastructure to validate passenger Identity and Travel Credentials.
- As on date, around 6 million passengers have availed DigiYatra facilities across all AAI Airports

DigiYatra Overview

DigiYatra App enrolled Passenger to share their Identity and Travel Credentials.

Airlines Departure Control System (DCS) to provide flight schedule and PNL data.



DigiYatra checkpoints at an Airport Terminal to verify and validate Passenger Identity and Travel Credentials.

DigiYatra Implementation Timeline

Sr No	Airport
1	Varanasi
2	Kolkata
3	Pune
4	Vijayawada
5	Chennai
6	Bhubaneswar
7	Coimbatore
8	Chandigarh
9	Goa
10	Indore
11	Bagdogra
12	Ranchi
13	Patna
14	Raipur
15	Srinagar
16	Vishakhapatnam

December 2022

Varanasi Airport

April 2023

Kolkata, Vijayawada
and Pune Airports

September 2024

Bagdogra, Bhubaneshwar, Chennai,
Coimbatore, Chandigarh, Goa,
Indore, Patna, Raipur, Ranchi,
Srinagar and Vishakhapatnam
Airport

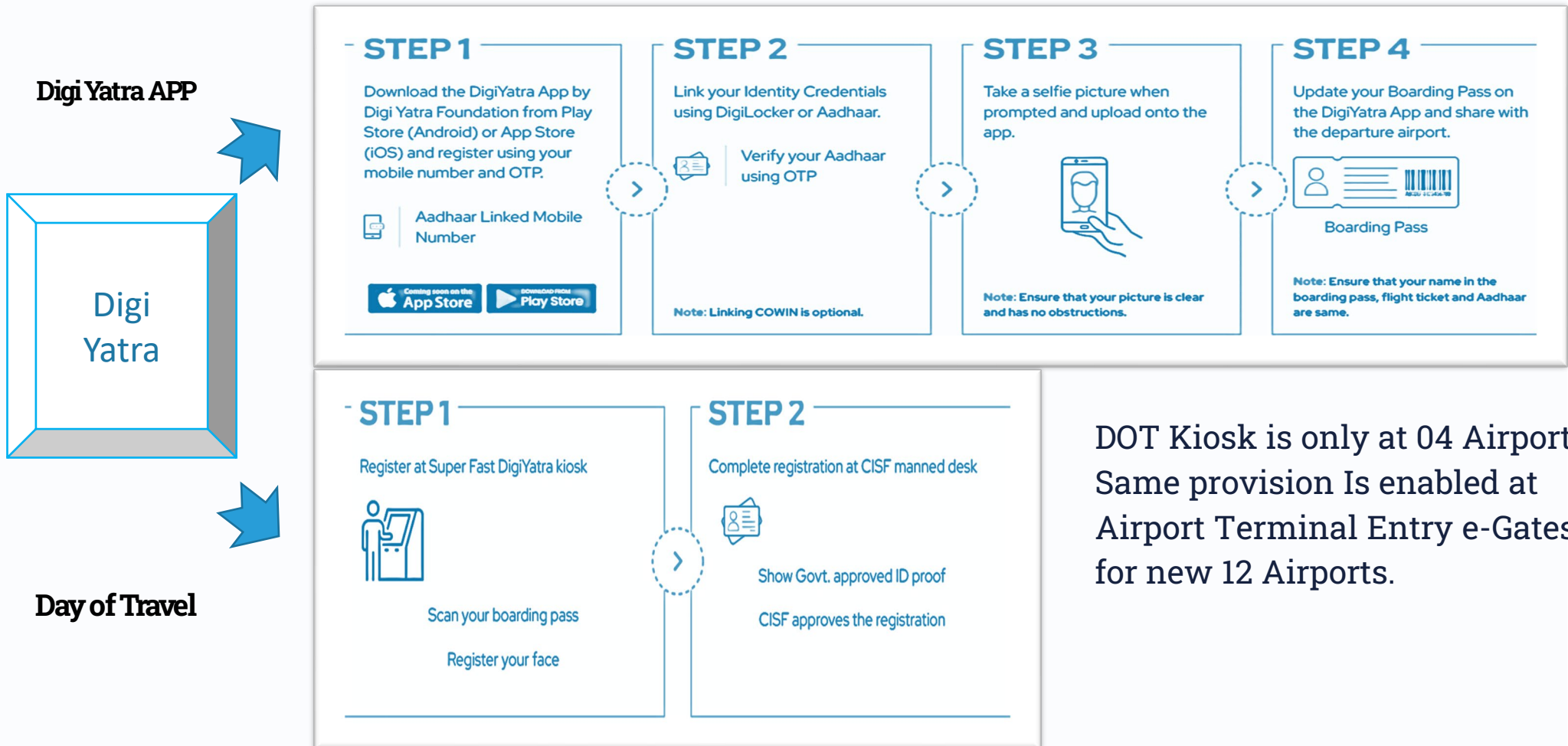


 Digi Yatra enabled Airports

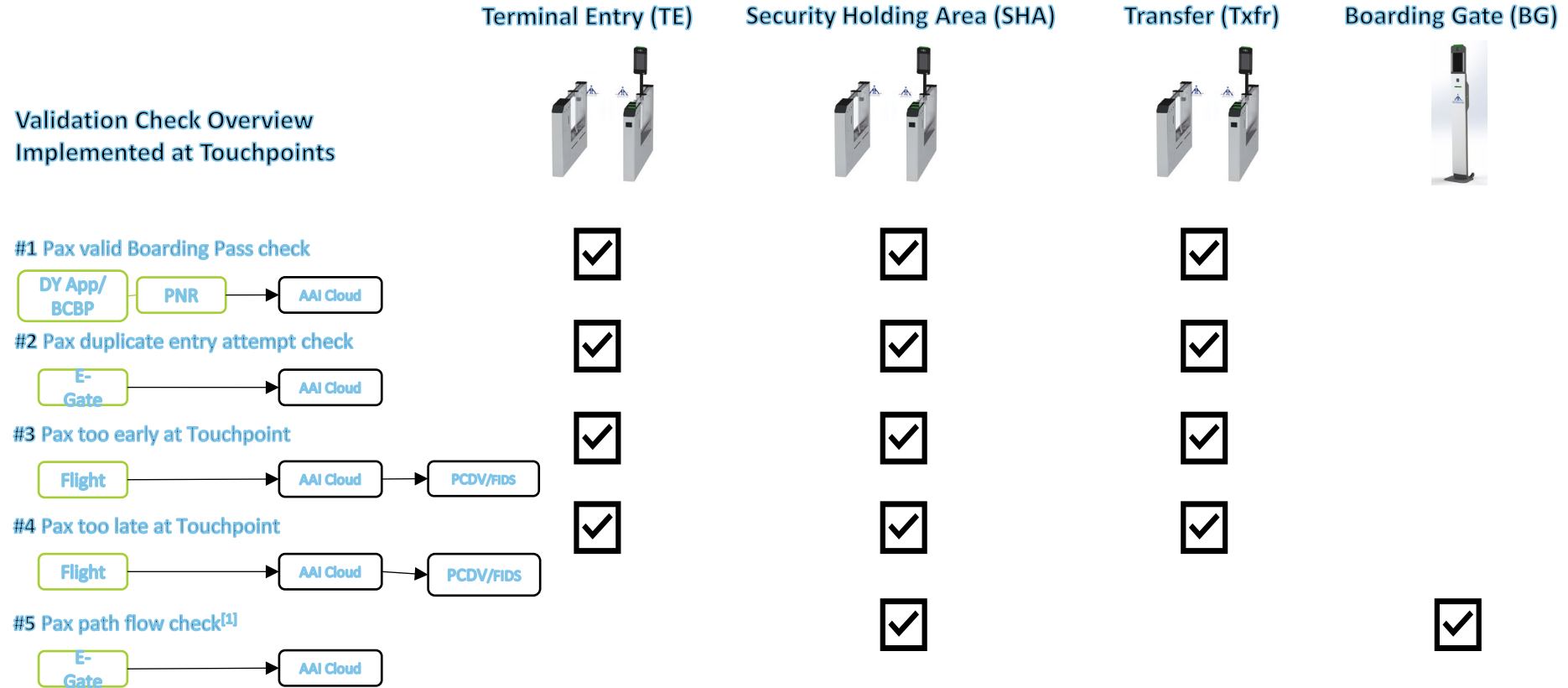
DigiYatra Registration Process

DigiYatra technology uses facial recognition technology to validate the credentials of a passenger. It can be availed using two processes:

- ❖ Using DigiYatra Mobile App
- ❖ Using Day of Travel (DoT)

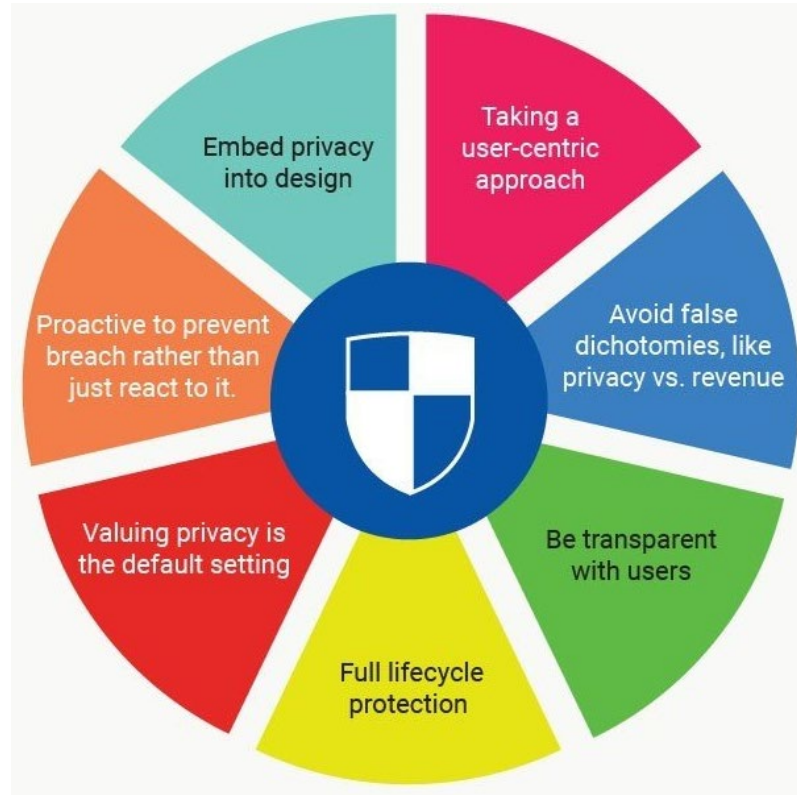


Passenger Validation Checks



^[1] Boarding gate rule differs if Pax originated from TE or Txfr

Data Privacy: Empowered Passenger



- DigiYatra is built on the fundamental tenets of 'Privacy by Design' & 'Privacy by Default'
- Passenger is empowered and in control of all the data (Travel details, Identity details, Health certificates etc.) in his/ her smartphone:-
- DigiYatra system abided Digital Personal Data Protection (DPDP) Act, 2023.
- Who the data is shared with
 - ❖ Airlines
 - ❖ Airports
 - ❖ Immigration authorities (INT travel)
- What data is shared
 - ❖ Name
 - ❖ ID details
 - ❖ Single token biometric face
 - ❖ Passport data (if needed)
- When it is shared
 - ❖ Defined time before STD of the flight

DigiYatra Benefits

Processing Time through
manual process



**Airport Entry Gate
(Manual Checks)** 20
secs



**Pre-embarkation
Security Check
(Manual boarding
card Check)** 10
secs



**Boarding Gates
(Manual)** 10
secs

Processing Time through
DigiYatra process



**Airport Entry Gate
(e-Gates)** < 5 seconds



**Pre-embarkation
Security Check (e-
Gates)** < 4
seconds



**Boarding Gates (e-
Gates)** < 4
seconds



Thank You

