ICAO SECURITY & FACILITATION

THE ARUBA HAPPY FLOW

An example of a data sharing platform

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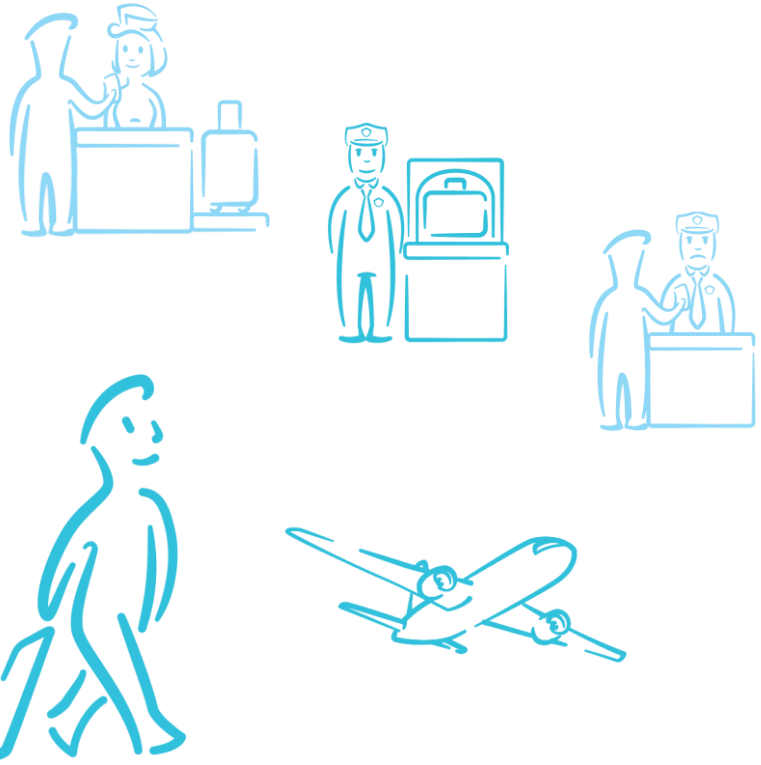
ARUBA HAPPY FLOW:

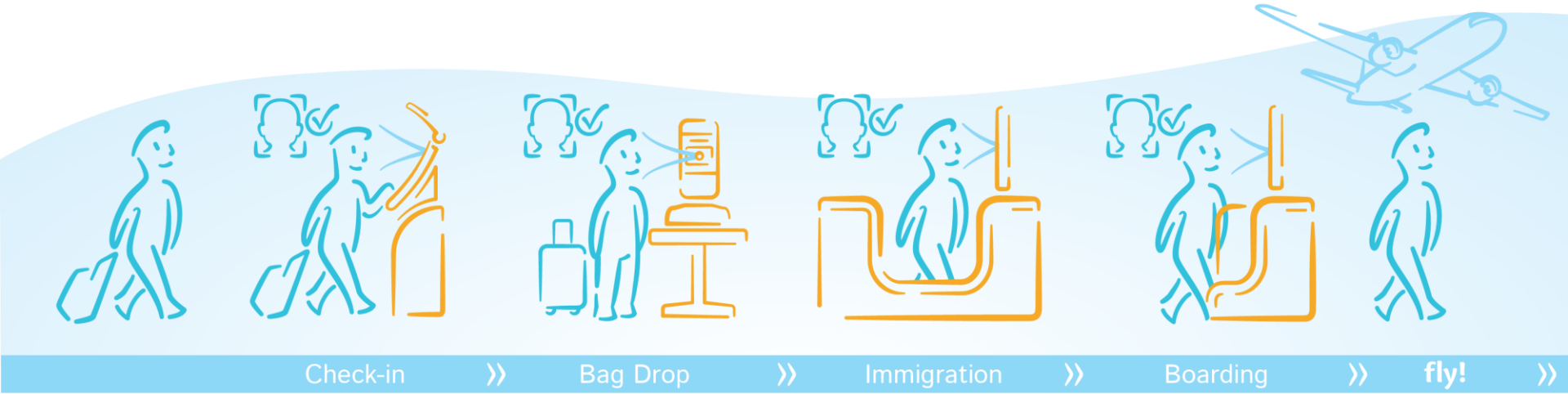
Three operational public and private partners:
Airline
Airport
Government

With different systems
With different responsibilities
With different rules and (legal) regulations

But all dealing with the same passenger



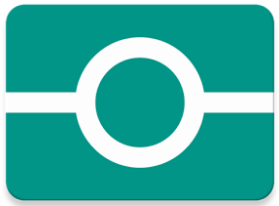
Passport
BRAZIL
BRASILIA


Check-in
Bag Drop
Immigration
Boarding
fly!

Goal:
streamline the stakeholders processes around the passenger into one secure seamless passenger flow

How:
Connecting the stakeholders to a *shared IT-platform* that will create one process for the passenger and amplify the impact of their systems.

Preconditions:
- ✓ (re) Use biometrics (face)
- ✓ ePassport as source for authentication and verification of the passenger standards are set by the Government
- ✓ Open connectivity, no vendor lock in
- ✓ Be ready for interoperability local → national → international
- ✓ *Privacy by Design* as a leading principle for a data sharing system
- ✓ Data protection / data privacy
- ✓ Good understanding of and agreement on the shared responsibility and commitment from the stakeholders



In other words creating a trusted chain of identity or federated Identity management between the stakeholders.

Trust Framework = A legally enforceable set of specifications, rules and agreements that governs the operation of a multi-party identity system

- Willingness to trust an identity provided by another party (In Aruba: the government)
- Participants desire the ability to engage in a common type of transaction with any of the other participants in a consistent and predictable manner.
- In Passenger Facilitation that means: between the airport stakeholders that make the passenger journey E2E

There is benefit for all stakeholders involved

Understanding and Trust are key

The Privacy by Design principle:

- Information between stakeholders only on a *need to know* and *allowed to know* basis. Depending on the information the stakeholder is allowed and needs that ranges from a passport copy or a simple signal: *go* or *no-go*
- Privacy and data protection compliance from the start of the project and built in to the platform.
- Prevent function creep; only use functionalities for which they are meant
- Determine data processor and data controler
- Perform a privacy impact assessment
- For EU GDPR standards Privacy by Design is required

Aruba Happy Flow:

➢ *Increased security*

- Passenger identity securely checked each step through re-use of biometrics
- Border control focusses on risk passengers
- Early information position for border control authorities
- Real-time data on the passenger
- Airlines have reliable document check and minimize their risk for fines

➢ *Increased passenger satisfaction*

- Passengers feels empowered
- Passengers experiences a safe and secure process
- Passengers enjoy the quick and stress-free airport journey

Data sharing can leads to benefits for all

Facilitation and security are not conflicting but mutually reinforcing processes
Real time operational and security information
Improved security and ID management
Improved services (personalized services)
Improved KPI data performance

…and creates a new way of working

From airport stakeholders to airport partners
Partners with a shared responsibility
Governance at different levels
Creating more understanding and trust

International developments in passenger facilitation

IATA One ID task force: working with airports, airlines and governments on technical and legal standards to ensure interoperability of seamless passenger facilitation *on airports and between airports*.

ICAO NTWG: Digital Travel Credential (DTC)

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THANK YOU