

IATA Travel Pass Overview

IBAR

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Nicoletta Masi
Campaign Manager, Southern Europe
masin@iata.org



Re-opening borders safely

Issue

Governments need to be **confident** that they are mitigating the risk of importing COVID-19 to **re-open borders without quarantine** and restart aviation.

Solution

Testing has been proven to be the safest and most effective **method** to achieve this. And passengers are willing to get tested to travel.

Confidence

But both **passengers** and **governments** need to have confidence in **each passenger's verified COVID-19 status**.



The challenges

Passengers

Need **accurate information** on test requirements, where they can get tested or vaccinated, and the means to securely **convey test information** to airlines and border authorities

Airlines

Need to have the ability to **provide accurate information** to their **passengers** on test requirements and **verify** that a passenger meets the requirements for travel

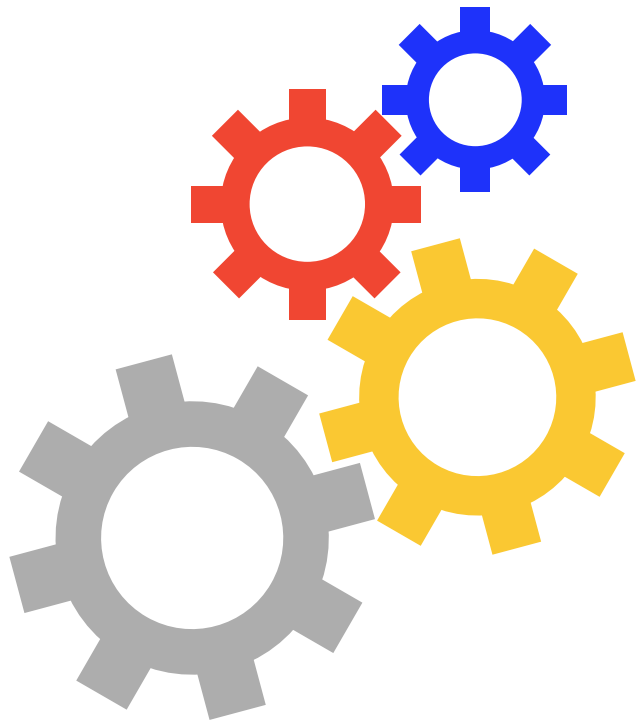
Governments

Need to be able to **verify** the authenticity of tests and the **identity** of those presenting the test certificates digitally

Laboratories

Need to be able to **issue certificates** that will **recognized** by governments

Solution



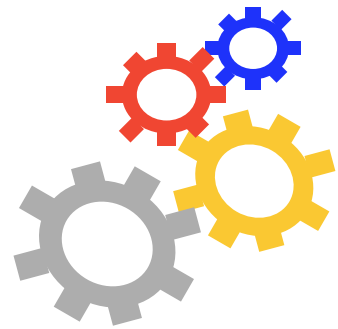
To address these challenges
IATA is launching:



...a combination of **four
modules** that are interoperable
and open access

IATA Travel Pass

Developed for everyone



Registry of Health Requirements

powered by Timatic

- Enables **passengers** to find accurate **information** on **travel, testing** (and eventually vaccine) **requirements** for their journey

Registry of testing / vaccination centers

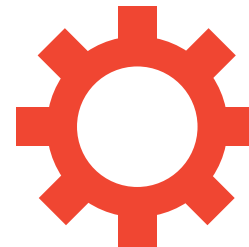
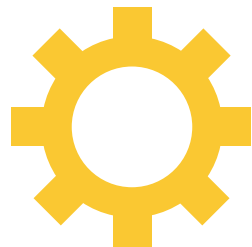
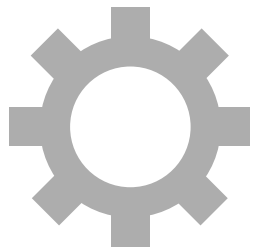
- Enables **passengers** to **find testing centres and labs** at their departure location which meet the standards for testing/vaccination **requirements** of their **destination**

Lab App

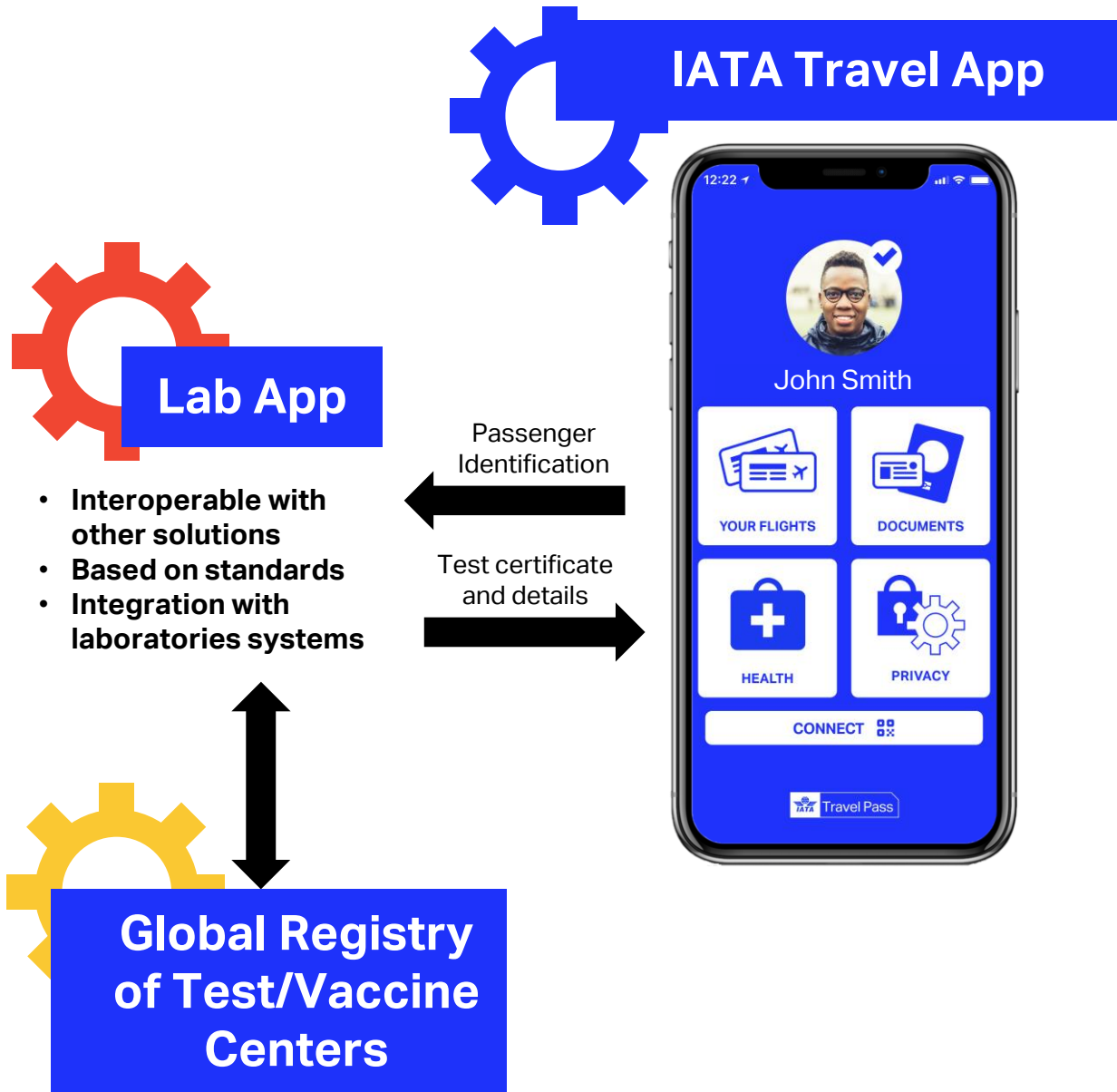
- Enables **authorized labs and test centers** to securely **send test results or vaccination certificates** to passengers

Contactless Travel App

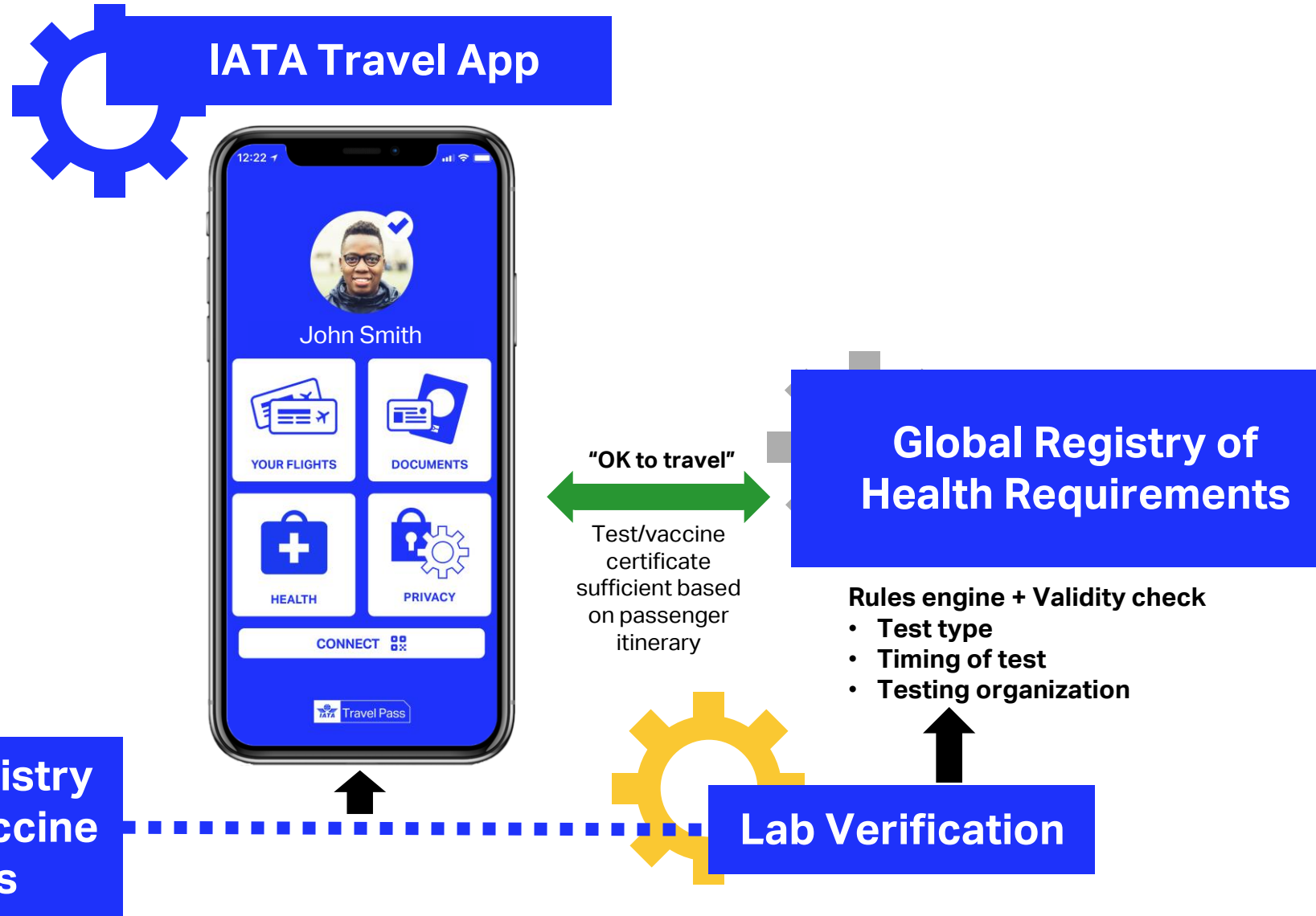
- Enables passengers to (1) **create a 'digital passport'**, (2) **verify** their **test/vaccination** meets the **regulations** & (3) **shares** test or vaccination certificates with **authorities** to facilitate travel.
- Can be used by travelers to manage **travel documentation digitally** and seamlessly throughout the travel experience.



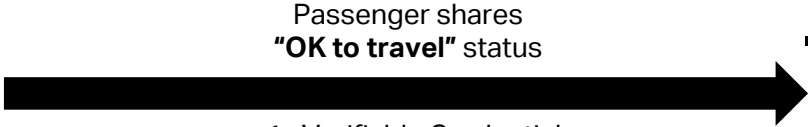
Step 1 – getting proof of test/vaccination



Step 2 – verifying test/vaccination is valid for the itinerary

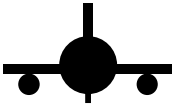


Step 3 – sharing proof of test/vaccination with airline/government



Passenger shares
"OK to travel" status

- 1. Verifiable Credential
- 2. On screen
- 3. QR code



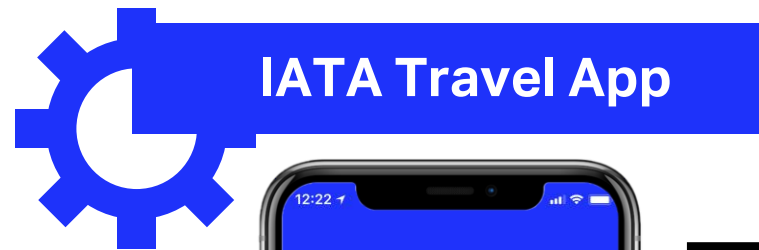
Airline



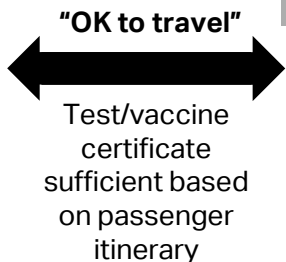
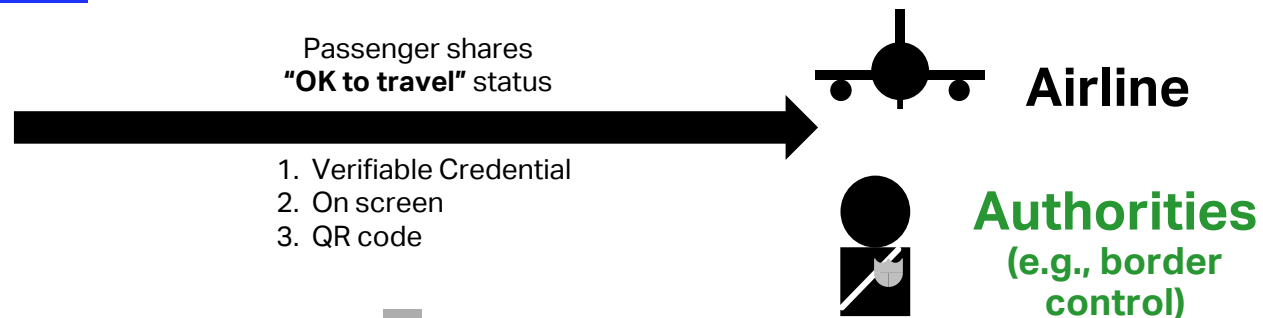
Authorities
(e.g., border control)



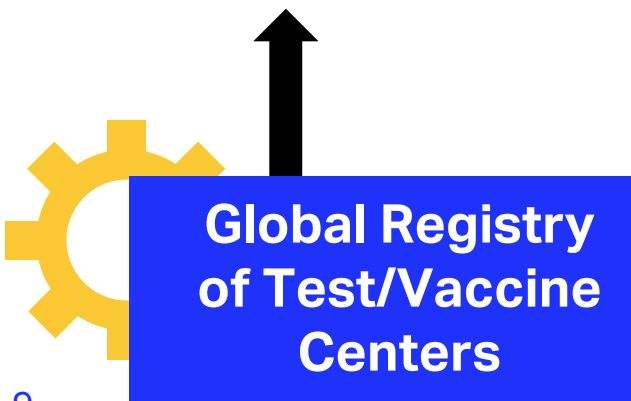
Overview



- Interoperable with other solutions
- Based on standards
- Integration with laboratories systems



- Rules engine + Validity check**
- Test type
 - Timing of test
 - Testing organization



High level data privacy and security

'Decentralized Technology' means there is **no** central database holding passenger information



Rights

Passengers have the sole right share to their data

Users can delete their data anytime on their app

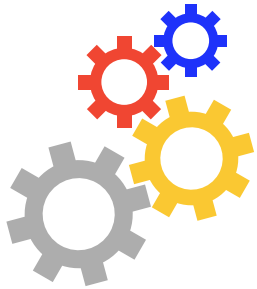
Compliance

Country regulations on access to passengers' data will be respected (e.g. France & Germany)

Why IATA Travel Pass?

Modular and interoperable with:

- Other COVID-19 solutions
- Existing airline and industry solutions



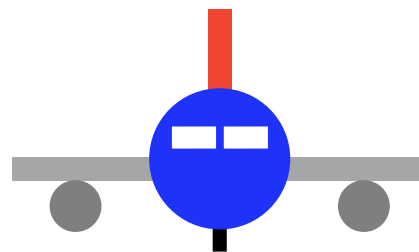
Based on standards:

- ICAO DTC
- W3C – Digital Comms
- One ID initiative



Proven and trusted :

- IATA is a trusted industry body
- Industry expertise
- Favors a collective solution

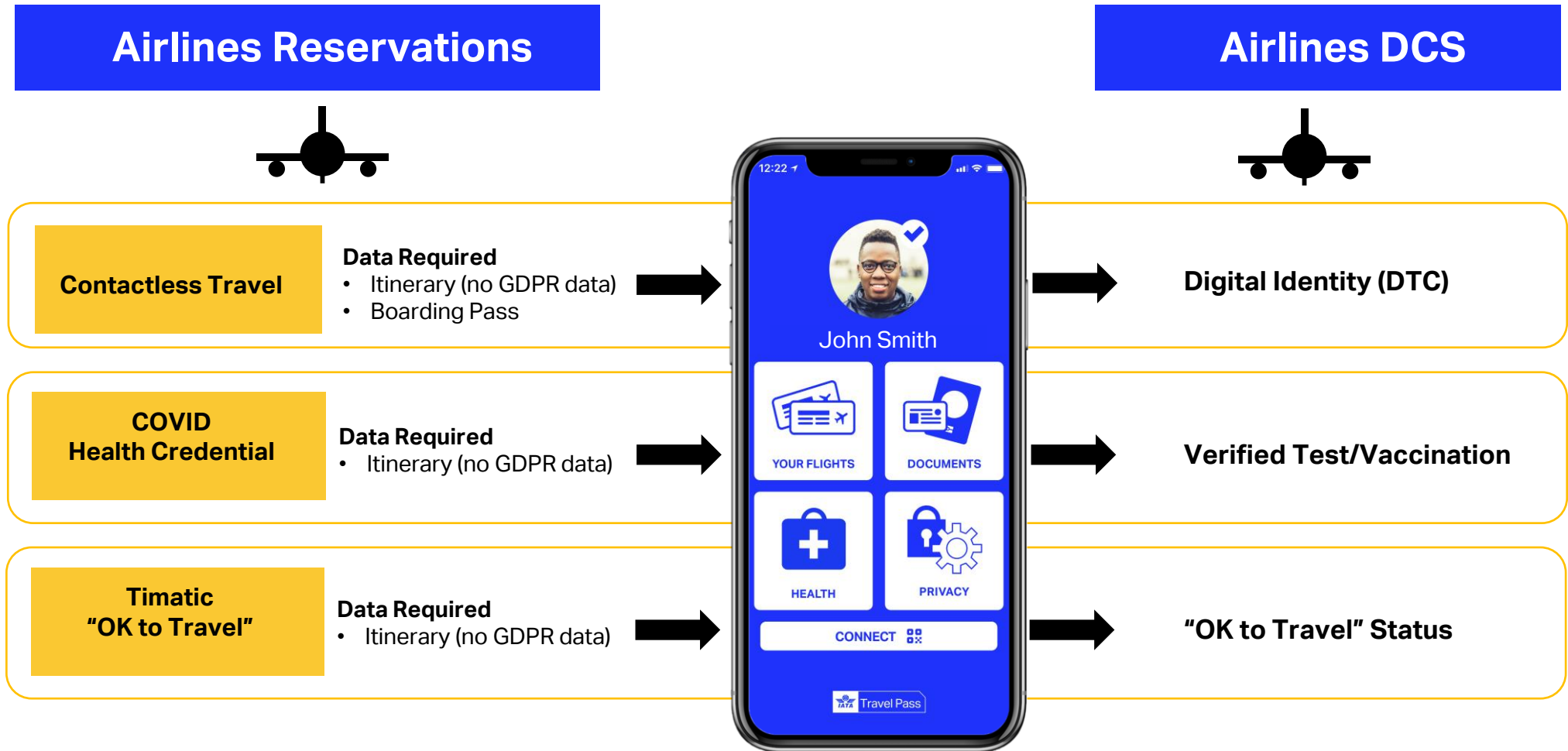


Sustainable:

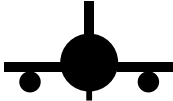
- Can be used for contactless travel – will continue long after pandemic
- Additional data-sets required for travel can be easily integrated into app



Airline Information Overview



Airlines, Airports & Governments – Technical Integration



Airlines Reservations

Data Required

- Itinerary (no GDPR elements)
- Boarding Pass

Option 1 – Direct Integration

Option 2 – Use Existing common use interfaces provided by Collins/SITA

Option 3 – Phased Start with common use interfaces then ramp up with direct



Contactless Travel Verifier

Middleware Software for parties to convert *Verifiable Credentials* into consumable data

Output:

1. Digital Identity (DTC)
2. "OK to Travel" Status
3. Verified Test/Vaccination
4. Boarding Pass

Airlines DCS

Border Authorities

Airports IMS



Benefits of IATA Travel Pass?

- **Designed for airlines and passengers**
- **Identity Management:** Confidence in ecosystem – opening borders
- **Rules database:** Timatic COVID
- **Decentralized system:** No central database. No external party owns passenger data
- **Interoperable:** open standards and open networks
- **Scalable & Sustainable:** additional data-sets required for travel can be easily integrated into app

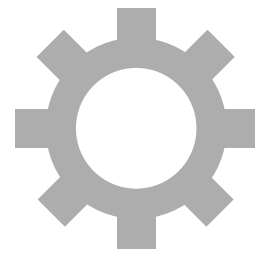


Advisory Group

IATA Travel Pass - Guidance and Prioritization



IATA Travel Pass App - Roadmap



Timing

Features

Pilot Q1	<ul style="list-style-type: none">• ITP App iOS – Test Flight• Digital Passport• Itinerary – Point to point & hard coded• Receive test results from Lab App• OK to Travel – Timatic• QR code linking to results• Lab App – Verify ID and share results
Release v1 Q1/Q2	<ul style="list-style-type: none">• Apple App on App Store• Android App on Play Store• SDK – Airline App integration module• Itinerary Import from DCS's• Multiple segment itineraries• Verifier & reference implementation• Sharing results as verifiable credentials• Passenger check requirements module
Release v2 Q2	<ul style="list-style-type: none">• Minors & Multi party bookings• Update itinerary• Multiple itineraries• Other travel docs (ID cards, Driving L. etc_• Multiple languages• Test center search• Other – As defined by Advisory Group

IATA Travel Pass

QUESTIONS?

