

**IATA
GLOBAL
MEDIA DAYS**



IATA Travel Pass

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Re-opening borders safely

Issue

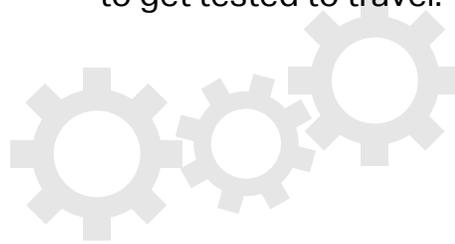
Governments need to be confident that they are mitigating the risk of importing COVID-19 to re-open borders without quarantine and restart aviation.

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

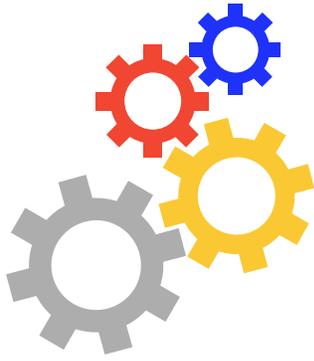
Governments

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

Laboratories

Need to be able to issue certificates that will be 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



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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.



Registry of testing / vaccination centers

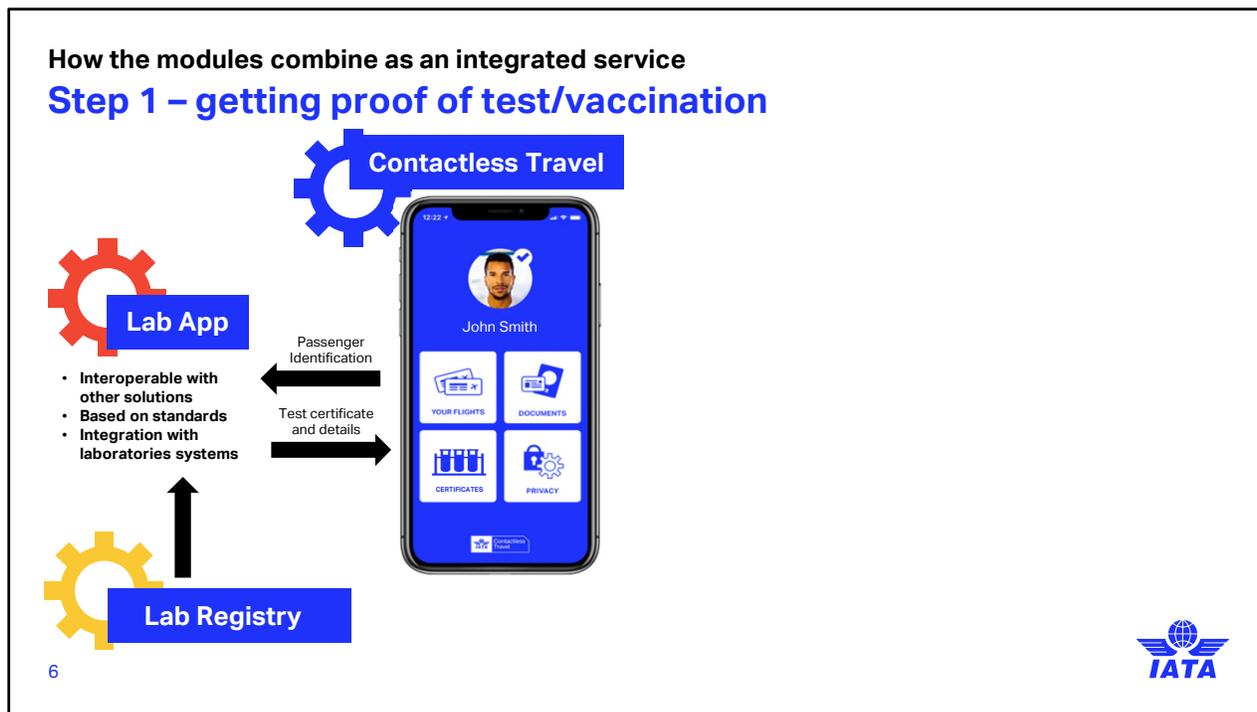
- Global registry of approved labs and centers for testing and vaccination verified by IATA
- Provides passengers the details of lab locations and test types available

Lab App

- Identify lab apps that enable labs to share test results / vaccination in a verifiable manner
- Binds test result to passenger identity
- Recognizable by all in aviation industry
- Aligned with CAPSCA standards under development.

Contactless Travel App (existing IATA solution)

- Enables passengers to create 'digital passport'
- Passenger can receive test / vaccination certificate
- "OK to Travel" verification that test / vaccination are sufficient for their itinerary
- Passenger shares identity and test / vaccine certificate with airlines & authorities



Contactless Travel App

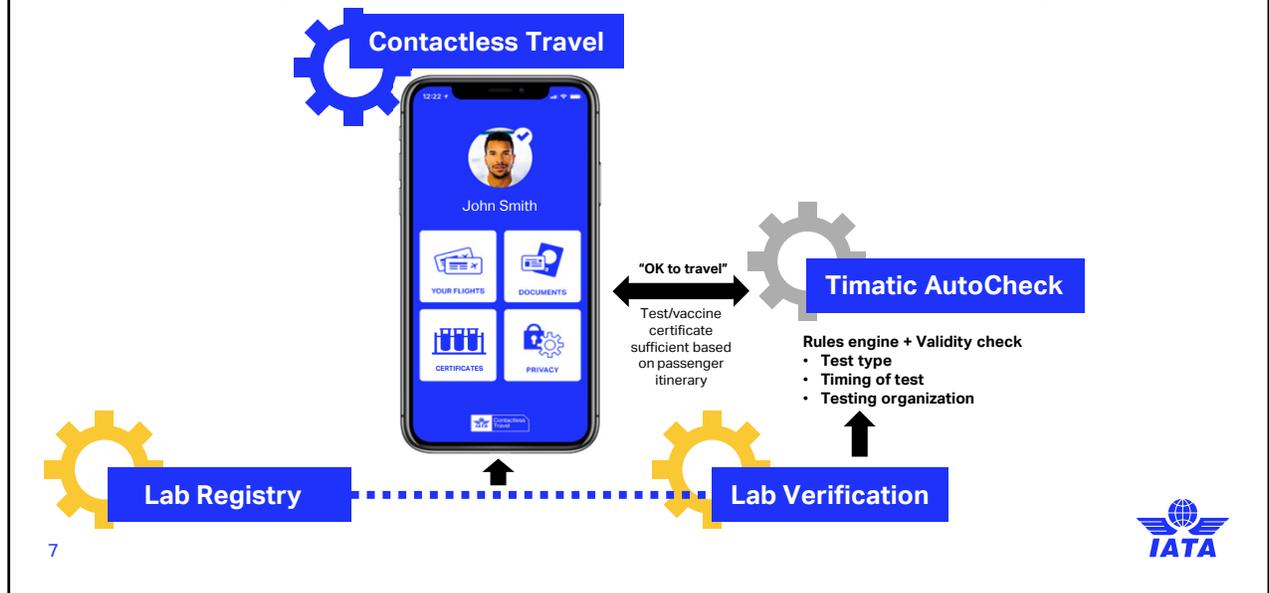
- At the center of IATA Travel Pass is the Contactless Travel App which enables passengers to
 - Create a digital version of their passport
 - Receive their test/vaccination results and verify that they meet the regulations for their itinerary
 - Share their results with airlines and governments
- Let's look at each step in more detail

Lab App

- When the passenger arrives for their test, they prove their identity by showing the electronic version of their passport on the Contactless Travel app
- The Lab/test agent then clicks a button which generates a QR code which the passenger scans using the Contactless Travel app. This links the test with the passenger's Contactless Travel app
- When the test/vaccine results are available, they are sent directly to the passenger's Contactless Travel wallet with the click of a button
- The link to the Contactless Travel app will be based on open interfaces meaning larger labs can integrate their systems directly into the IATA ecosystem

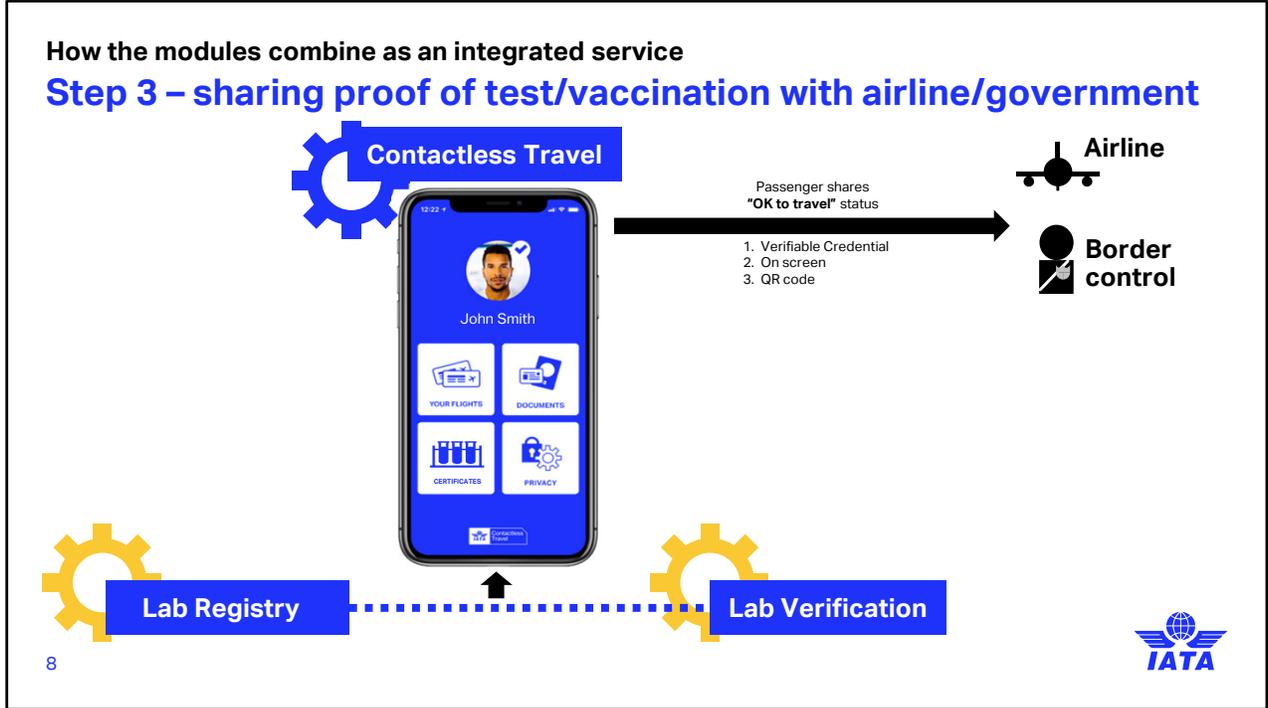
How the modules combine as an integrated service

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



Timatic AutoCheck

- The passenger now has their verified identity and verified test/vaccine results on their phone
- The next step is to verify that the test results meet the regulations for their destination
- This is achieved by an automatic check using Timatic AutoCheck which verifies the test./vaccine is sufficient for the passengers itinerary
- One this has been verified, the passenger is issued with an "OK to Travel" status for the particular itinerary, along with any other regulations they must comply with such as submission of contact tracing information

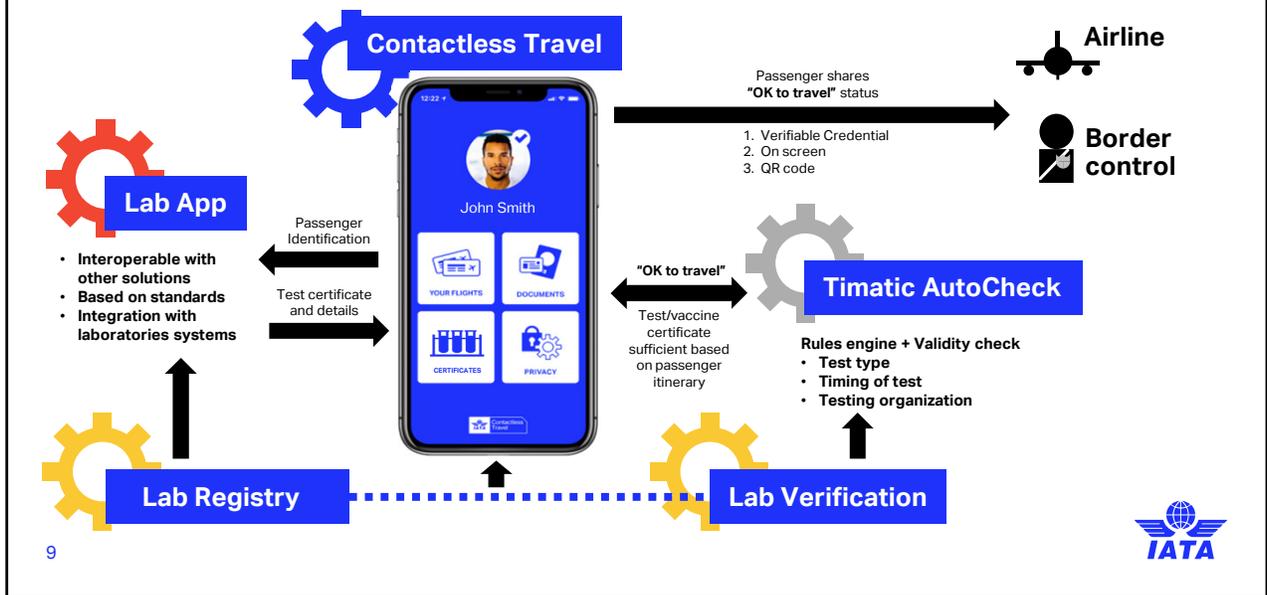


Sharing with airlines and governments:

- The passenger now has:
 - Verified identity
 - Verified test results
 - "Ok to Travel" status
- The Contactless Travel App prompts the passenger to share these elements with the airlines and government
- The passenger will be informed of which data is required by each party and what it will be used for
- Passenger data is only sent from the Contactless Travel App when the passenger clicks on "Share"
- The data is sent directly from the phone to the airline or government as a verifiable credential
- Where the airline or government cannot receive the data electronically, instead the passenger can choose to share the "OK to Travel" status with the relevant agent. This status will include both the itinerary and test/vaccine details

How the modules combine as an integrated service

Overview



Here is an overview of the entire ecosystem

Time for questions

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 (eg France & Germany)

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Passenger Rights

- Compliance to data privacy regulations (e.g. GDPR, HIPAA)

Best Practice

- Only required data elements are shared – passenger informed of these elements
- Data exchanges are always encrypted
- Digital Identity Credential is only ever exchanged using Decentralized Identity W3C standards

Compliance

- Each partner's data use, deletion policy and data query methodology easily accessible by the user
- Log of data shared is saved on the app and can be easily accessible by the user

IATA Travel Pass principles

Modular and interoperable with:

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



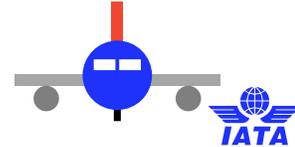
Based on standards:

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



Solution for everyone:

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



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The solutions are being developed following the DTACTION Principles:

Interoperable

Based on open standards

Offering a solution for everyone

At low costs

Benefits of IATA Travel Pass?

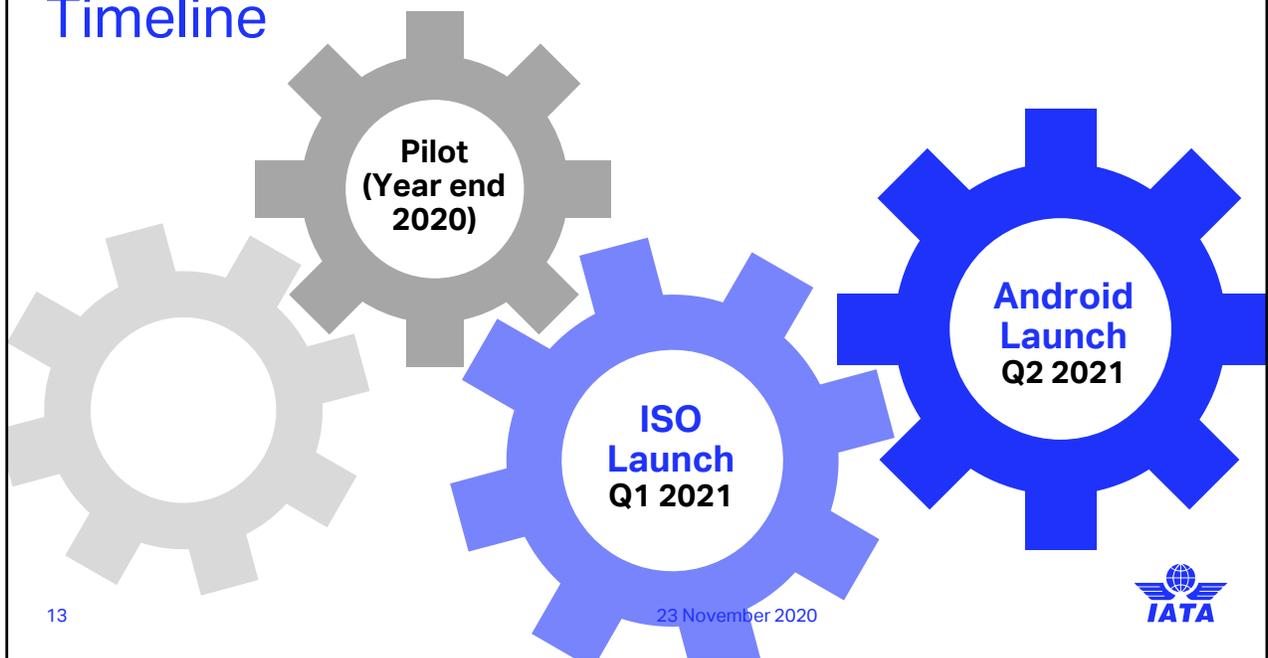
- **Universal:** built to meet passenger, government and airline needs
- **Proven:** based on existing IATA solutions
- **Modular:** airlines can choose modules supporting their strategy
- **Trust Framework:** partner for mutual benefit
- **Decentralized** technology: no central passenger database
- **Interoperable:** open standards and open networks
- **Sustainable:** additional data-sets required for travel can be easily integrated into app

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23 November 2020



Timeline



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23 November 2020



IATA will be piloting the solution with IAG next month

IATA Travel Pass

Questions

