



Travel Pass



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

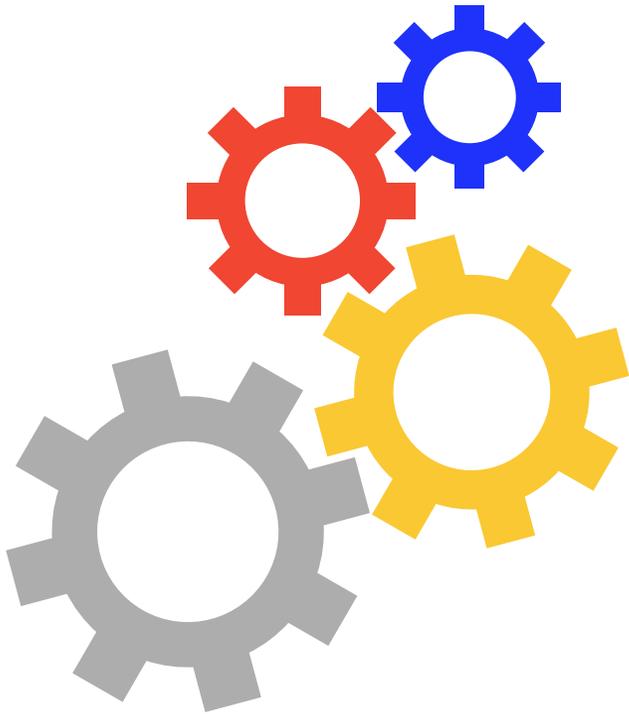
Governments

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



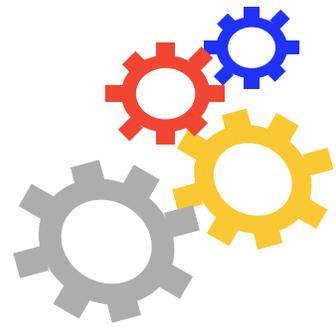
To address these challenges
IATA is launching:



...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

Registry of testing / vaccination centers

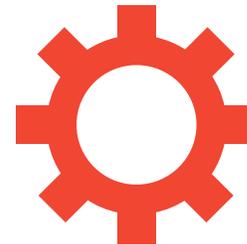
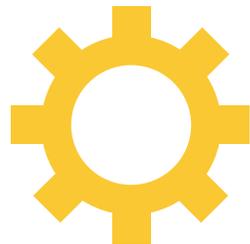
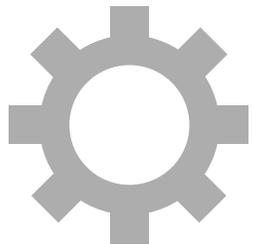
- Enables passengers to find testing centres and labs at their departure location which meet the standards for testing/vaccination requirements of their destination

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.



Timatic

Background



What:

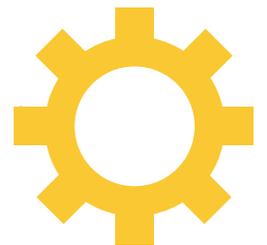
Leading travel rules and regulations database supported by an extensive sourcing network. Integrated into operational process of member airlines and travel agencies.

Passengers:

- Almost all airlines are using Timatic with 70+ using Timatic AutoCheck
- Processed 700million passengers in 2019
- IATA Travel Center positioned as the go-to source for COVID regulations
- Timatic Alerts developed to pro-actively push notification to subscribers of changes in regulations

Status:

- Timatic content expanded to include information for COVID-19 test requirements (currently in unstructured manner)
- Member airlines are requesting more granular COVID Test and Vaccine requirements
- Enhancement being done to Timatic to factor in the COVID test requirements into the decision process



Lab Registry

Background



What:

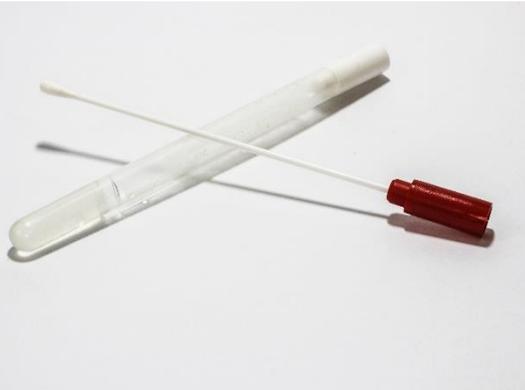
Portal for Labs (and Vaccine centers) to self-register with IATA providing verification. Designed to cater for airline and/or country specific requirements

Passengers:

- Leverages existing IATA tools and processes
- Builds on core IATA competency - 75000 travel agents maintained
- Leverage IATA worldwide network
- Build on existing IATA solutions

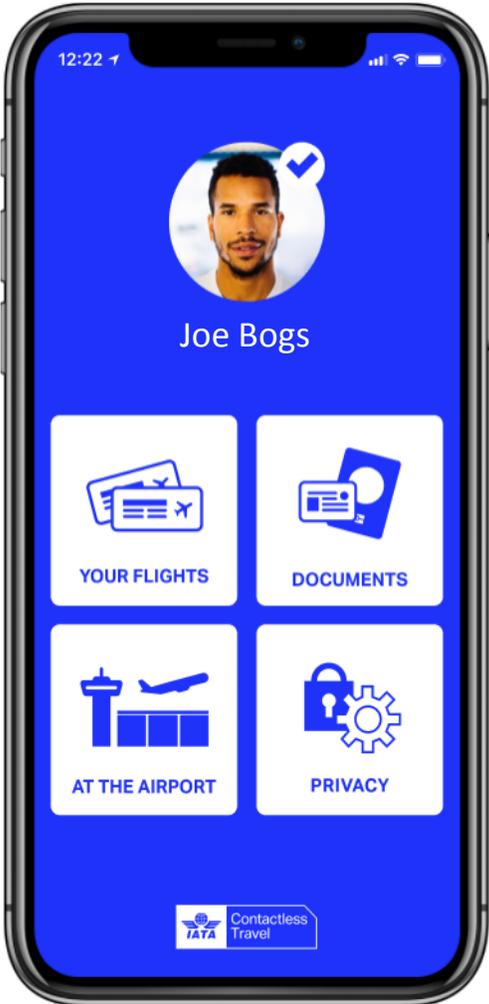
Status:

- Engagement with key test lab providers started
- Product development in progress
- We need support from pilot airlines to populate Lab Registry with test labs in their country/network



Contactless Travel

Background



What

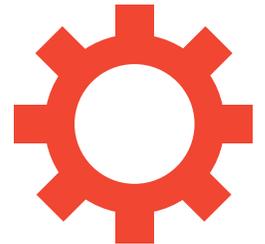
Enable Contactless Travel so that passengers can be processed in advance of arrival at the airport, and access control being facilitated using facial biometrics

Passengers:

1. Download IATA Contactless Travel App
2. Create digital version of their passport based on ICAO Digital Travel Credential (DTC) standard
3. Share their DTC with airlines, airports & border authorities
4. Airlines, Airports & Border control authorities integrate into existing & new One ID passenger offerings

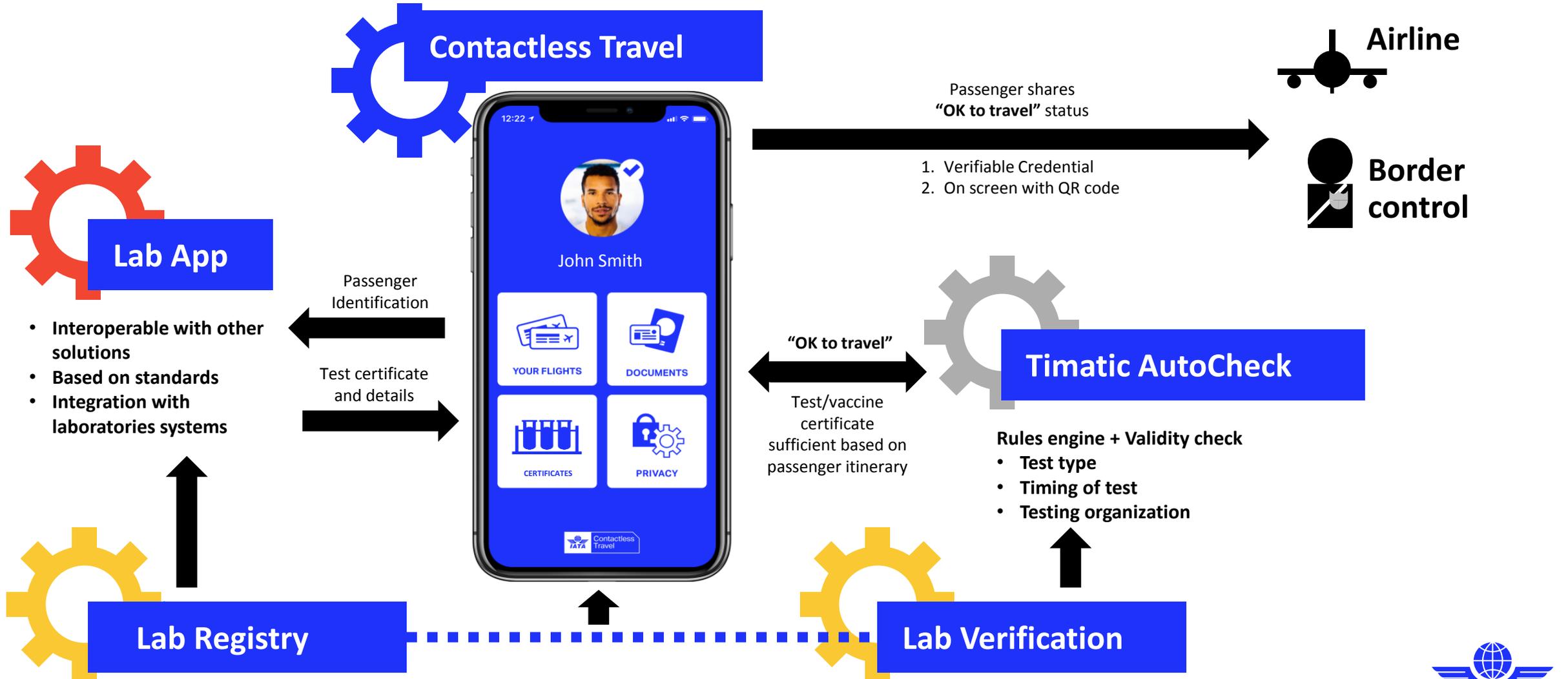
Status:

- Integration by airport. Trial in December.
- Airline App integration – Q1 2021
- Extremely positive feedback by airlines and immigration authorities
- Airlines want to expand to include COVID Test & Vaccine requirements



How the modules combine as an integrated service

Overview



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

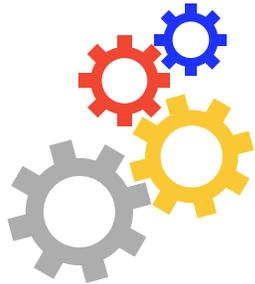
Compliance

Country regulations on access to passengers’ data will be respected (eg France & Germany)

IATA Travel Pass principles

Modular and interoperable with:

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



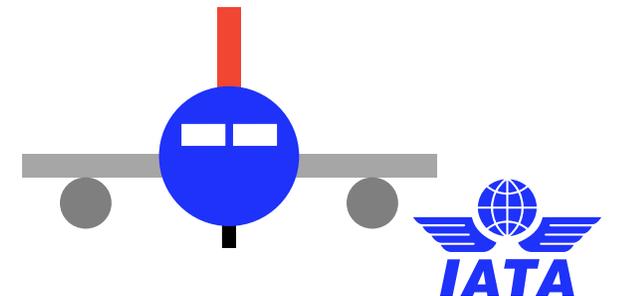
Based on standards:

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



Solution for everyone:

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

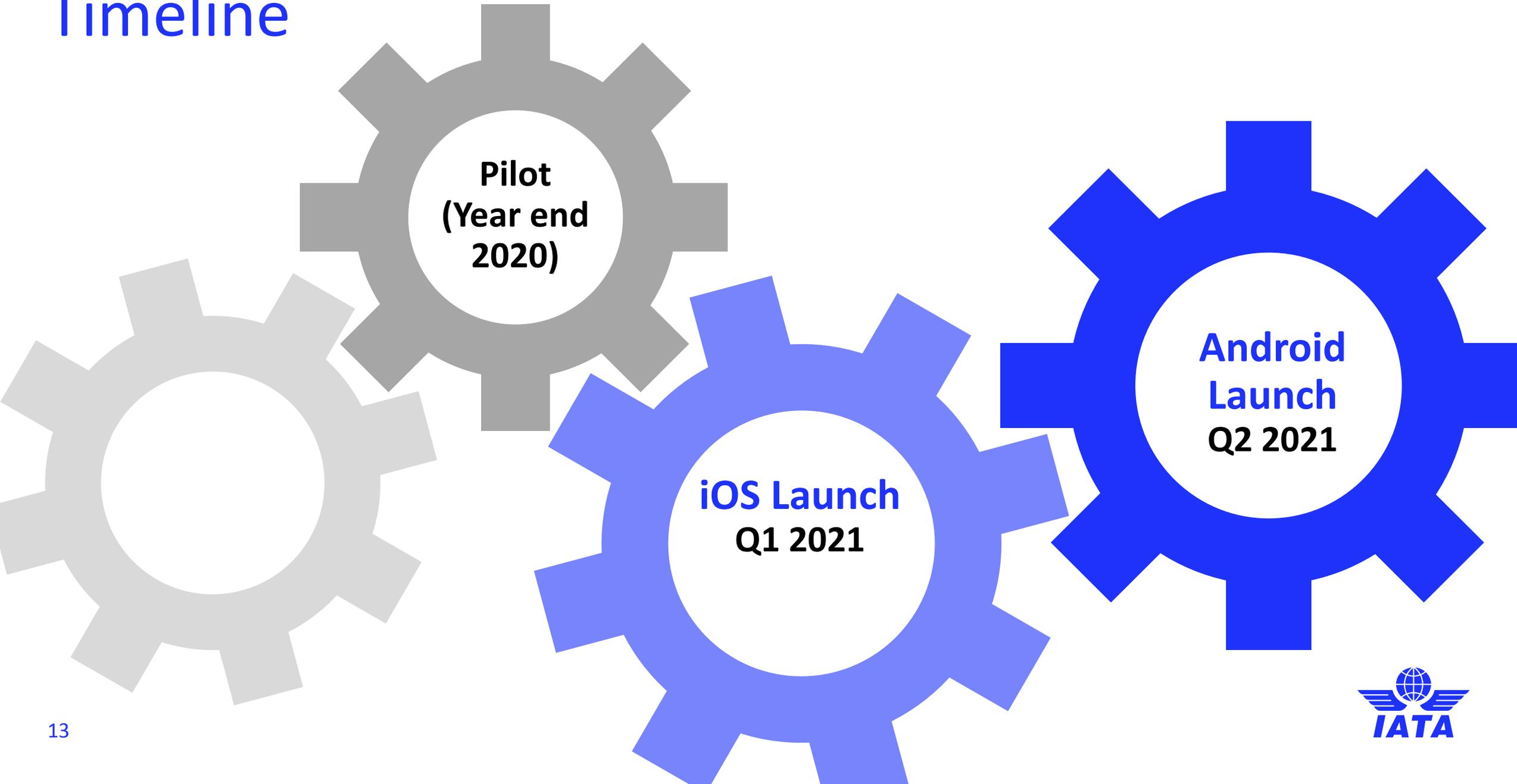


Benefits of IATA Travel Pass?

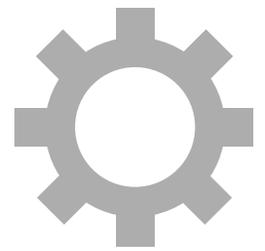
- **Universal:** built to meet passenger, government and airline needs
- **Proven:** based on existing IATA solutions
- **Modular:** airlines can choose modules supporting their strategy
- **Trust Framework:** partner for mutual benefit
- **Decentralized** technology: no central passenger database
-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



Timeline

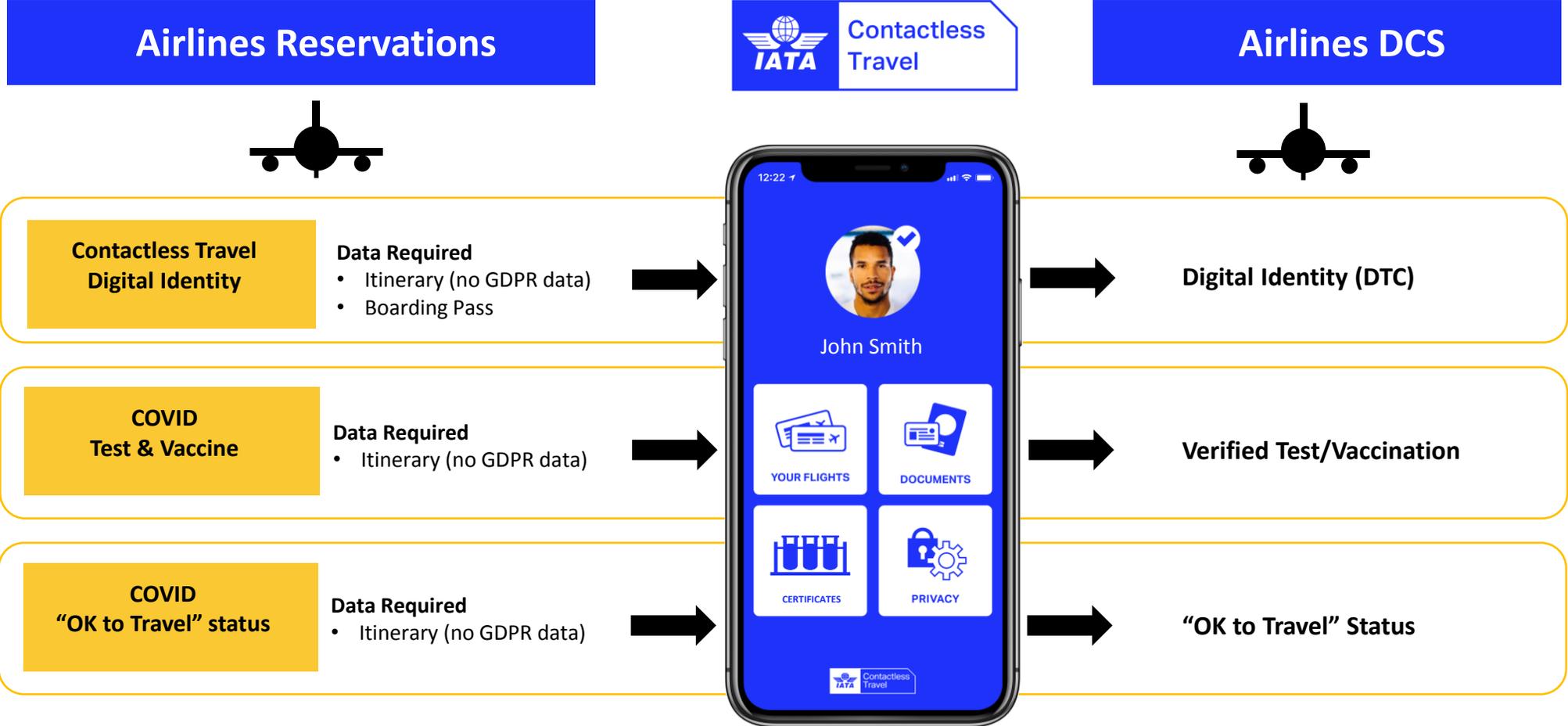


IATA Contactless Travel - 3 modules



	3 Modules	Deliverables	What it means	Benefits
	Contactless Travel based on OneID	Airlines/Airports receive: <ul style="list-style-type: none">• Digital ID based on DTC• Facial Biometrics	<ul style="list-style-type: none">• Passenger ID data verified• Timatic AutoCheck – Passport & Visa• Contactless Travel at airport – Passengers face becomes their passport and BP using biometrics	<ul style="list-style-type: none">• APIS 100% accurate• No queuing to show passport, visa or boarding passes• No physical exchange PP & BP
	COVID Test & Vaccine results/details	Airlines/Governments receive: <ul style="list-style-type: none">• COVID Test Results/Details	<ul style="list-style-type: none">• Passenger test/vaccine results/details provided before arriving at airport• Binds test to passenger identity	<ul style="list-style-type: none">• No queuing to show test results• No physical exchange test results• Eliminates fake tests
	COVID “OK to Travel status”	Airlines/Governments receive: <ul style="list-style-type: none">• “OK to Travel” Status per Itinerary based on Timatic	<ul style="list-style-type: none">• “OK to Travel” provided before PAX arrives at airport• Ensures test(s)/vaccination meets immigration/emigration regulations	<ul style="list-style-type: none">• No need for agent to verify test meet requirements in Timatic

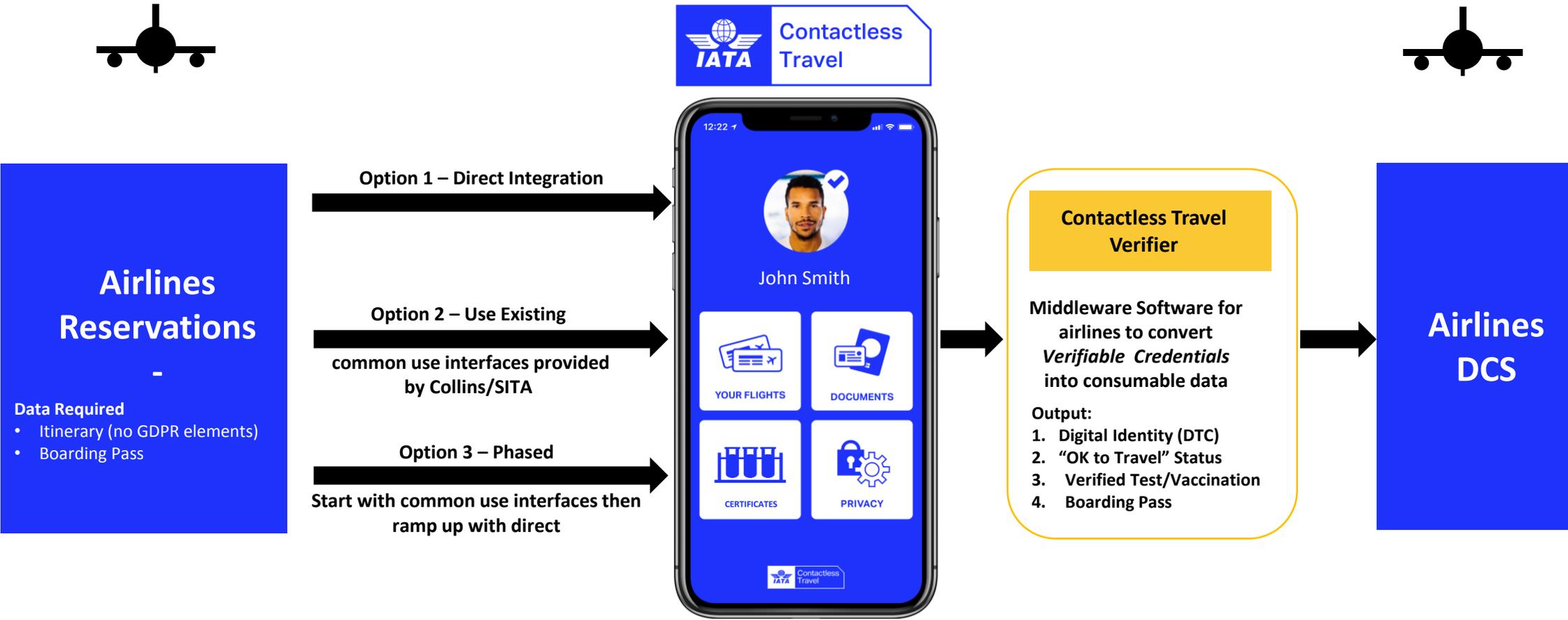
Airline Data Flows – End Goal



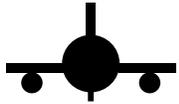
Airline Data Flows – Pilot



Airline Data Flows – Technical Integration



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

IATA Contactless Travel

12:22

John Smith

YOUR FLIGHTS

DOCUMENTS

CERTIFICATES

PRIVACY

IATA Contactless Travel

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



IATA Travel Pass

