Restarting air travel and technology

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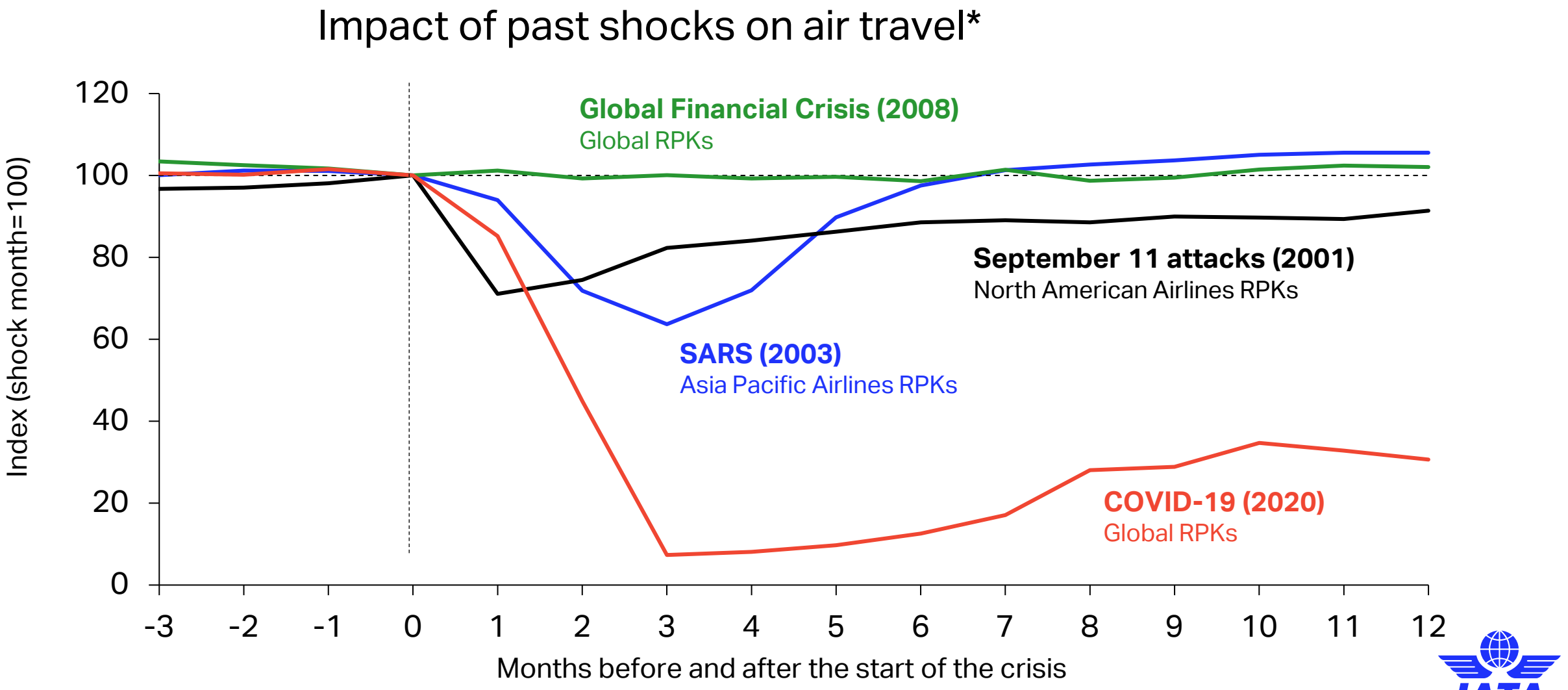
COVID-19 has been an unprecedented shock

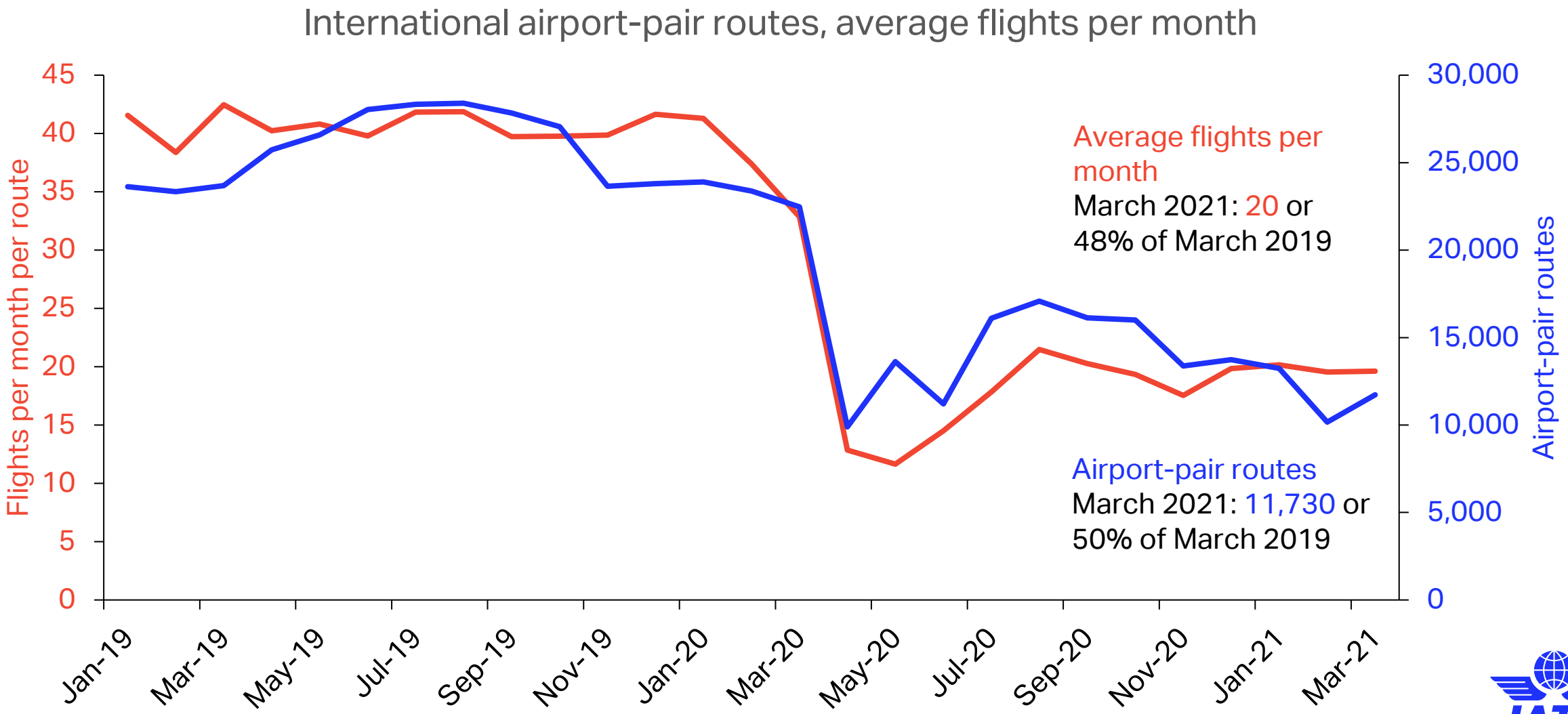
This shock to air travel has been larger and longer lasting than others



Source: IATA Economics using data from IATA Statistics, **RPKs seasonally adjusted*

International air services remain low

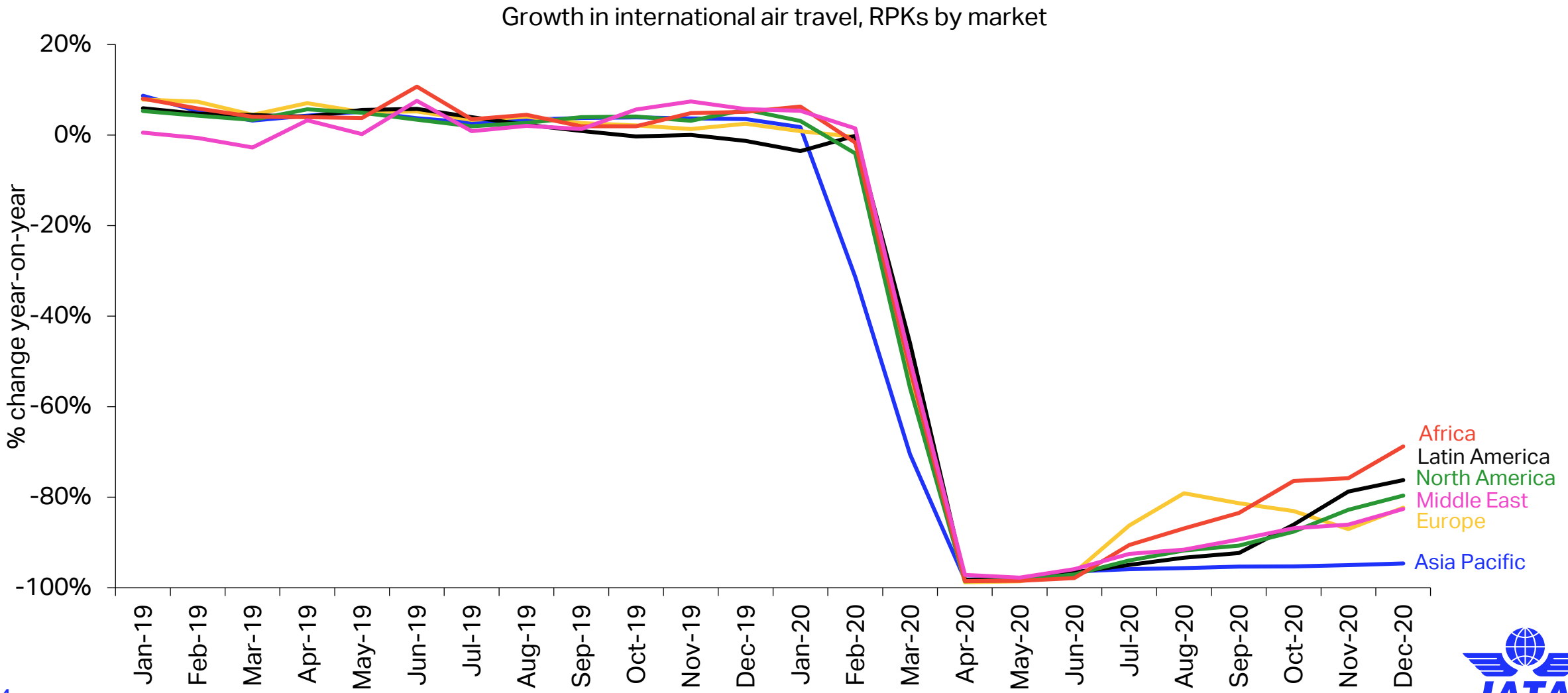
March 2021 routes only 50% of normal, frequencies only 48% of normal



Source: IATA Economics using data from SRS Analyser

International traffic in Asia Pacific worst performing

Resurgence of COVID-19 stopped further progress

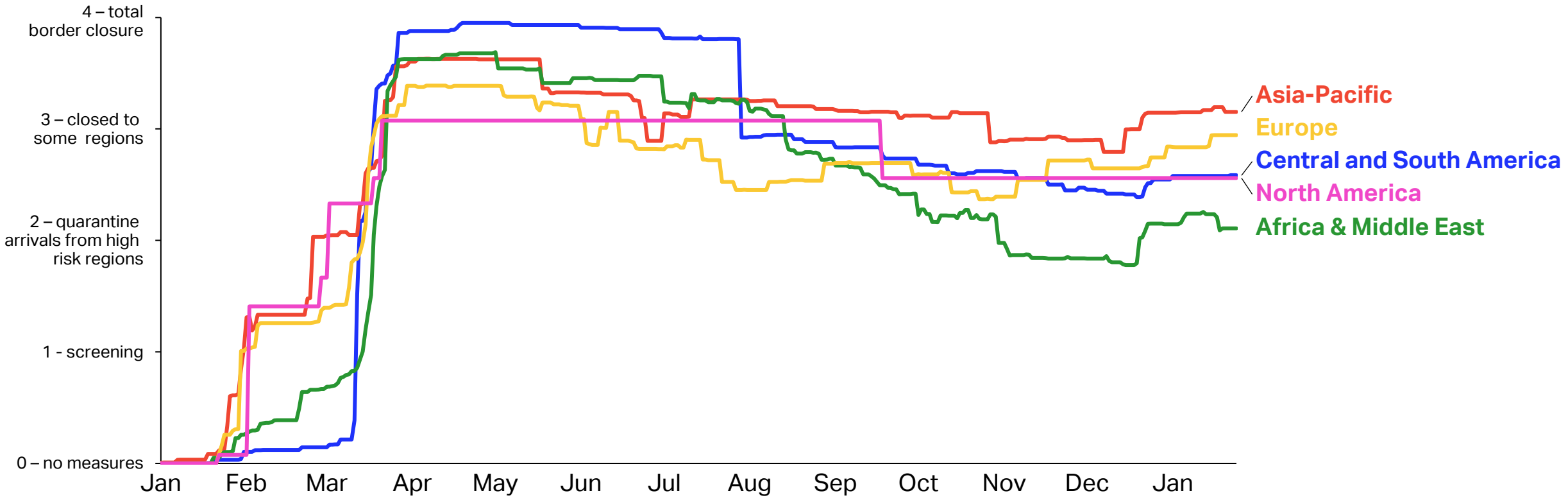


Source: IATA Economics, IATA Monthly Statistics

Travel fell as governments imposed tighter restrictions

International travel restrictions up, and domestic restrictions also rose

International travel stringency index weighted by population (Jan 2020-Jan 2021)



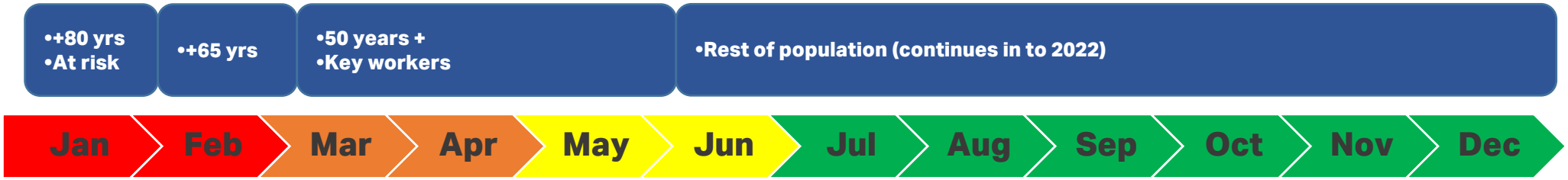
Source: IATA Economics using data from Oxford University

Key challenges for reopening borders

- Need for clear **Roadmap** from governments on the steps towards easing travel restrictions
- Harmonizing of **Testing Certificates** in accordance with recommendations of the *ICAO Manual on Testing and Cross-Border Risk Management Measures*
- Establishing standards for **Vaccination Certifications**
- Solution for the verification of COVID-19 test and vaccine status of travelers – **IATA Travel Pass**

Sample Roadmap

National Vaccination Plan



Level 4 – High (Current)

Example general situation

- National lockdown until end-February (schools closed, non-essential businesses, work from home)
- Aggressive vaccination campaign – vulnerable & health workers as priority.

Example Aviation-specific measures

- Pre-departure testing @ STD-72hrs
- Travel corridors suspended
- Mandatory 10-day quarantine
- Travel/flight ban from highest risk countries

Level 3 – High/Moderate

- Pre-departure test retained for all arrivals @ STD-72hrs Vaccinated pax exempt.
- IATA Travel Pass digital health wallet App for verification of vaccine and/or test results
- Travel Corridors reinstated. Option of taking rapid test on arrival and immediate release if negative OR mandatory quarantine reduced to 5 days from departure (non-vacc pax)
- Travel/flight ban retained for highest risk countries

Level 2 – Moderate/Low

- Pre-departure test retained for arrivals STD-72 with vaccinated passengers exempted.
- IATA Travel Pass Digital health wallet expanded
- Travel Corridors expanded
- Removal of 5-day quarantine requirement for non-travel corridors countries
- Travel/flight ban option for highest risk countries

Level 1 - Low

- No predeparture test
- IATA Travel Pass Digital health wallet commonplace
- No travel corridors
- No quarantine requirement removed
- No travel or flight bans

Aspirational target: Lift all restrictions including quarantines by 31 December 2021

IATA Travel Pass

What do I need to enter the country?

How do I send my COVID-19 test certificates to the airline?

How can we ensure passengers have the correct COVID-19 requirements?

Where do I get a test?

Do I need a vaccine?

Do travelers have the correct COVID-19 requirements?

Are the COVID certificates being presented legitimate?

Do I need a paper or digital certificate?

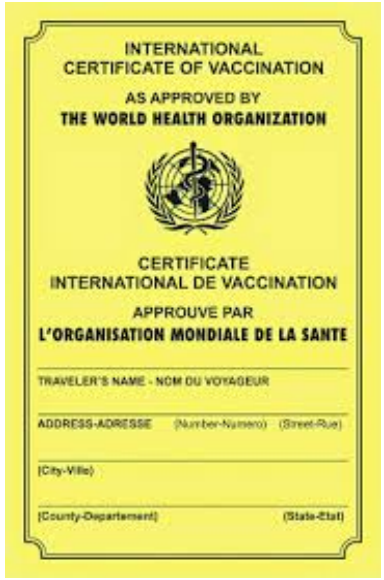
How do we let passengers know what they need to travel?

How can we be sure the COVID-19 test or vaccine belongs to the traveler?

What about for re-entry?

How can we cope with the amount of paper processing that will be required for paper testing and vaccine certificates?

Risk of fraud with paper certificates



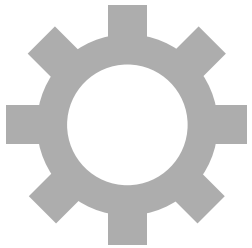
Digital apps for aviation should meet key critical criteria

1. Secure and private
2. Accurate
3. Verifiable
4. Link with travel processes current and future

IATA Travel Pass **4 modules**

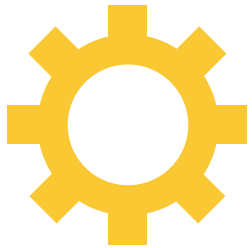
Registry of Health Requirements
powered by Timatic

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



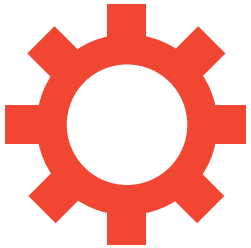
Registry of testing / vaccination centers

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

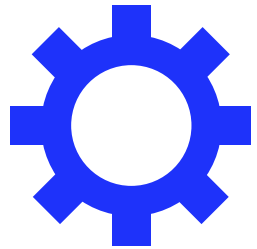
Enables authorized labs and test centers to securely send test results or vaccination certificates to passengers.



IATA Travel Pass App

Enables passengers to
(1) create a 'digital passport',
(2) verify their test/vaccination meets the regulations, and
(3) share 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.



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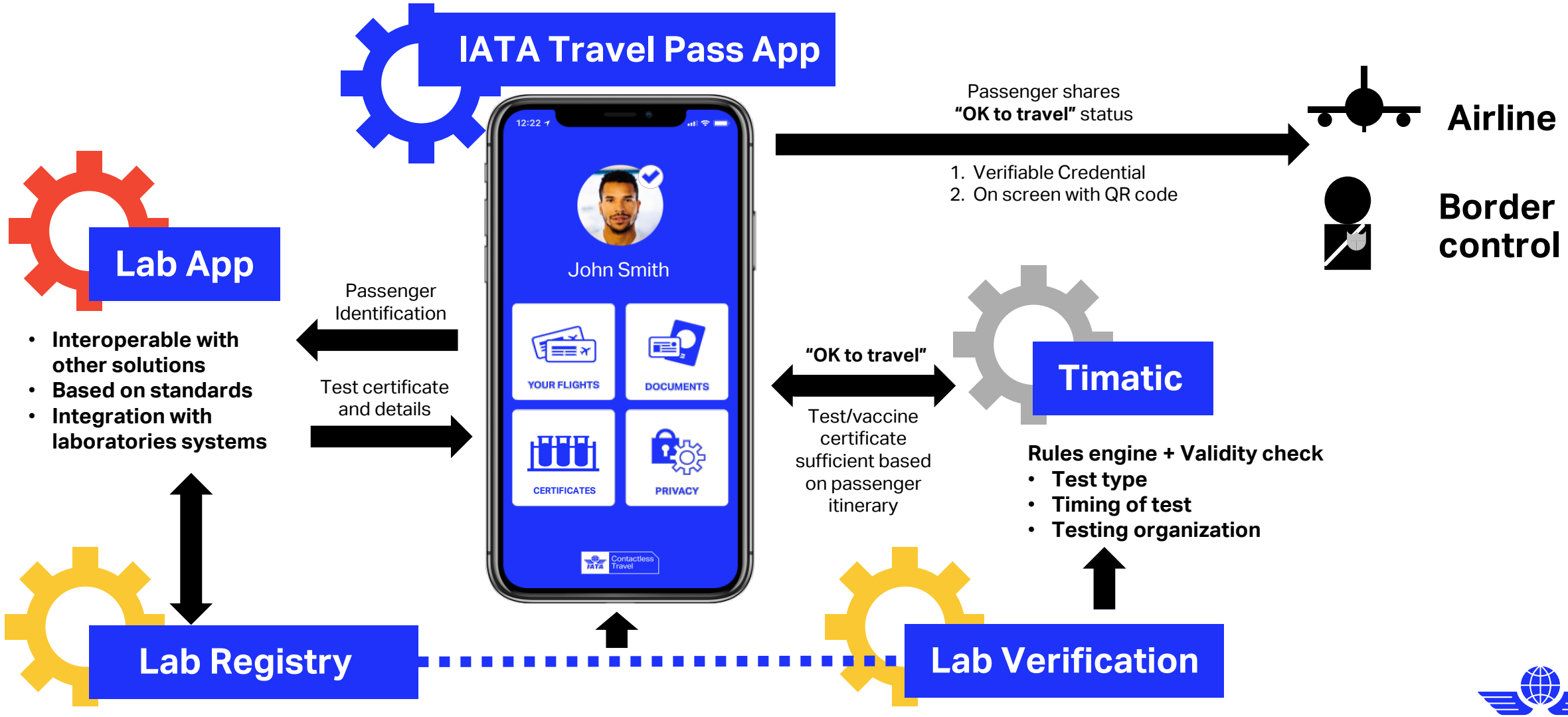
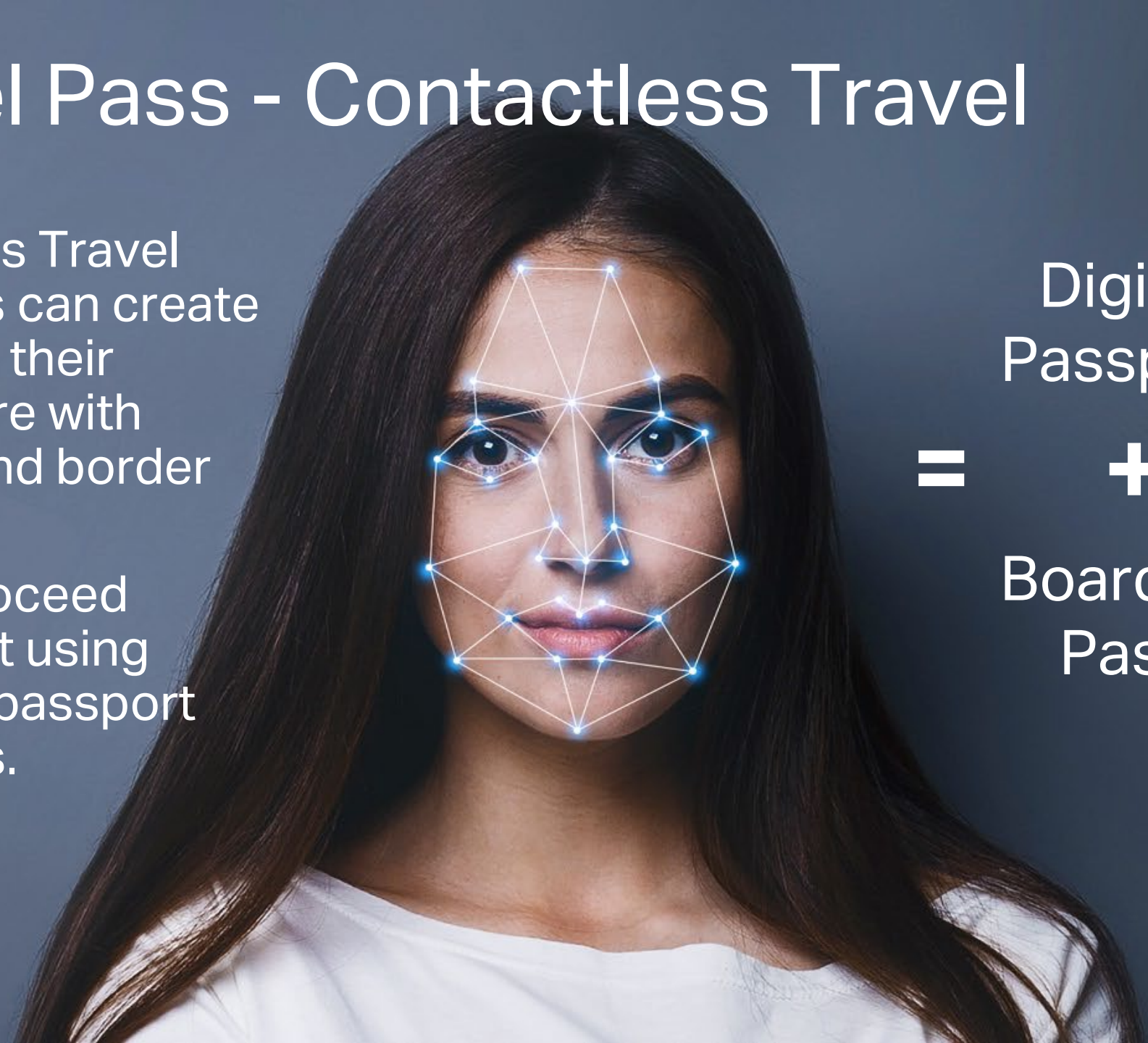
Overview


IATA Travel Pass App
Lab App
Interoperable with other solutions
Based on standards
Integration with laboratories systems
Passenger Identification
Test certificate and details
12:22
John Smith
YOUR FLIGHTS
DOCUMENTS
CERTIFICATES
PRIVACY
Contactless Travel
Passenger shares "OK to travel" status
1. Verifiable Credential
2. On screen with QR code
Airline
Border control
"OK to travel"
Test/vaccine certificate sufficient based on passenger itinerary
Timatic
Rules engine + Validity check
Test type
Timing of test
Testing organization
Lab Registry
Lab Verification

IATA Travel Pass - Contactless Travel

Enable Contactless Travel where passengers can create a digital version of their passport, and share with airlines, airports and border authorities.

Passenger can proceed through the airport using their face as their passport and boarding pass.



Digital Passport

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Boarding Pass

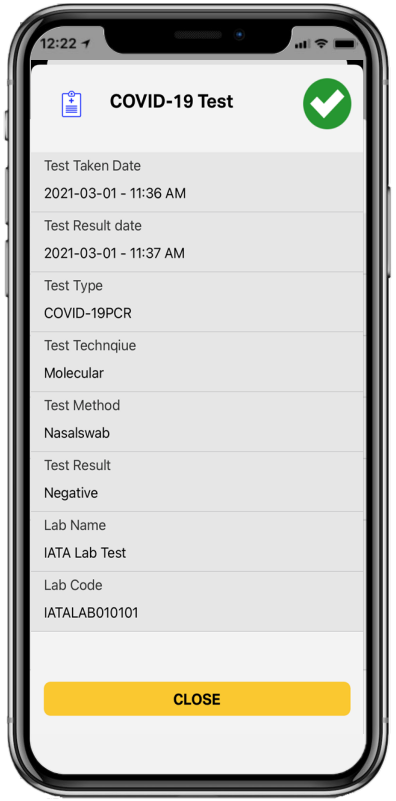
IATA

Government's support needed

Enable the acceptability of IATA Travel Pass framework in the country and endorse the Travel Pass

Government's support needed:

- Remove regulatory/operational obstacles; Receive and issue digital certificates; Accept the test result display on the Travel Pass app
- Agree on the roadmap / long-term goal: receive information (digital identity, test/vaccination info) directly from passengers in advance
- Coordinate/cooperate with other government agencies, Health, Immigration, etc. as required



IATA will continue to work with airports to restart aviation

- IATA is committed to partnering with airports to safely restart aviation
- Ensuring strict bio-safety measures are implemented throughout the travel process, in line with ICAO CART take-off guidance
- Cooperating on passenger facilitation across check-in, boarding and arrival touchpoints which tend to become bottlenecks due to additional checks related to COVID requirements
- IATA Travel Pass and contactless processes at the airport – joint efforts needed for long term changes

Thank you

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