

Digital Solutions for Reviving International Travel

The Role on Interoperability &
Digital Travel Portals



Contributions from:

- Accenture
- Airports Council International (ACI World)
- Airlines for Europe (A4E)
- Airside Mobile
- Affinidi
- Amadeus
- CLEAR
- Critical Insights Consultancy
- Emirates
- Entrust
- Expedia
- Fédération Internationale de Football Association (FIFA)
- Global Rescue
- Government of the Bahamas
- Government of Rwanda
- GovTech Singapore
- International Air Transport Association (IATA)
- International Airlines Group (IAG)
- *International Border Management and Technologies Association (IBMATA)*
- International Chamber of Commerce (ICC)
- IDFC Foundation
- MSC Cruises
- Novus Health
- Organisation for Economic Co-operation and Development (OECD)
- SITA
- The Commons Project Foundation
- Trip.com
- University of Cambridge
- Vision Box
- World Economic Forum (WEF)

Achieving a Globally Interoperable Solutions

Operational Challenges



*“The expressed ambition for G7 Ministers to work together in promoting **international solutions and standards on COVID-19 certification for travel purposes**”*

*(G7 Leaders
Communique, 2021)*



*“We acknowledge the relevance of shared standards to ensure seamless travel, including testing requirements and results, vaccination certificates and the **interoperability and mutual recognition of digital applications....**”*

(G20 Leaders



*“Where digital certificates of COVID-19 status are used, **interoperable solutions should be sought to allow for cross border verification**”*

*(WHO Policy
Considerations
for Risk Based
Travel)*



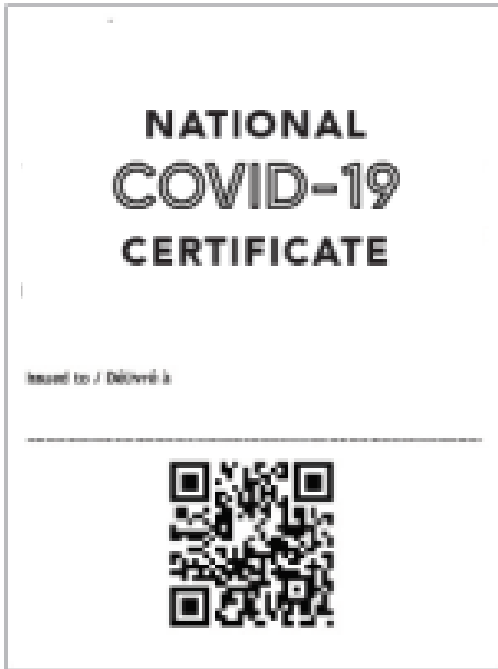
*“We commit to... **Accelerate the adoption and acceptance of digital health certificates for testing and vaccination to facilitate international air travel...**”*

*(ICAO HLCC
2021)*

WTTC Report : 4 Technical Recommendations & 4 Policy Recommendations

#1 : Digitally Verifiable COVID-19 Certificates

Vaccination & Testing



Digitally Enhanced
Paper Certificate



Digital Smartphone
Certificate

EU Digital COVID Certificate (EU DCC)
e.g. 40+ countries

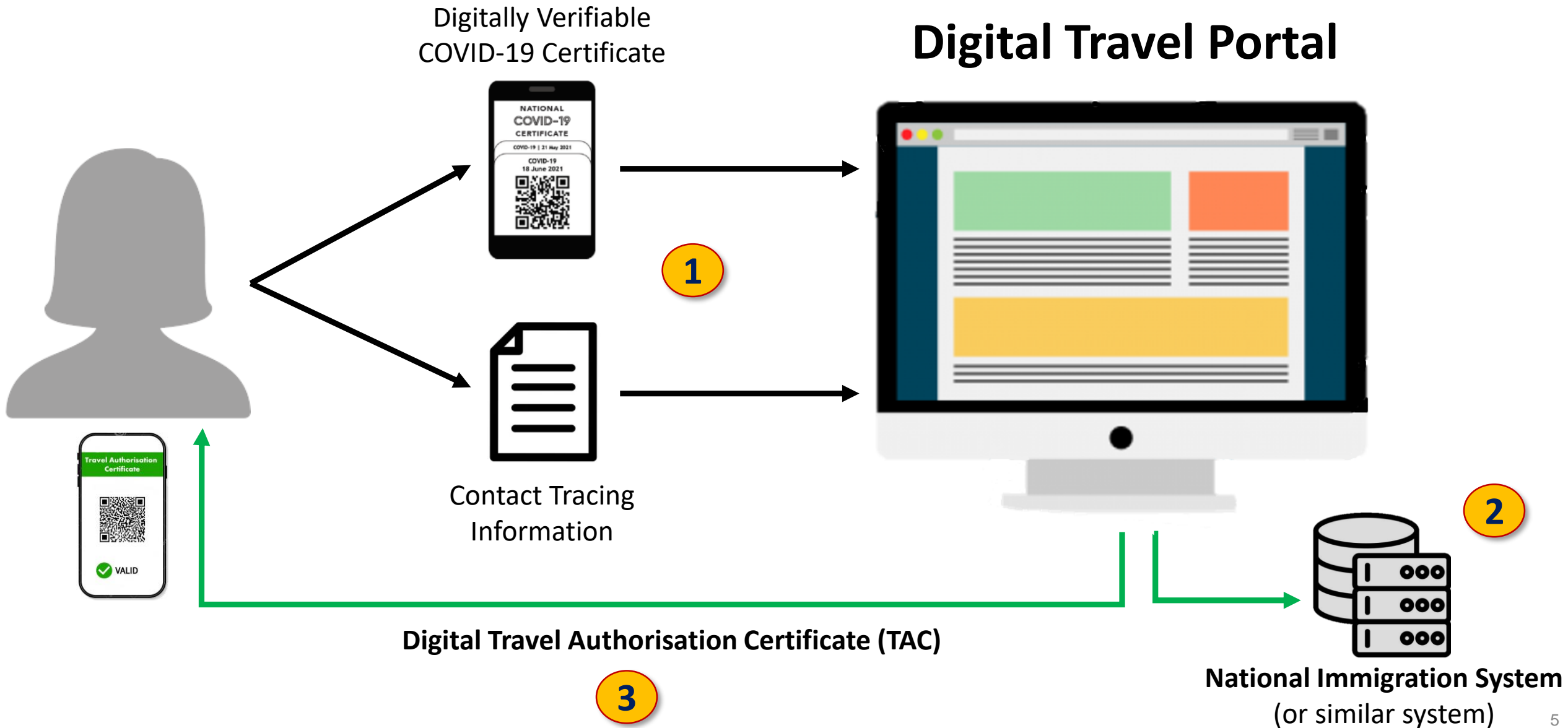
ICAO Visible Digital Seal (VDS-NC)
e.g. Australia

DIVOC
e.g. India, Philippines, Sri Lanka

SMART Health Cards
e.g. Canada, USA

Public Key Infrastructure

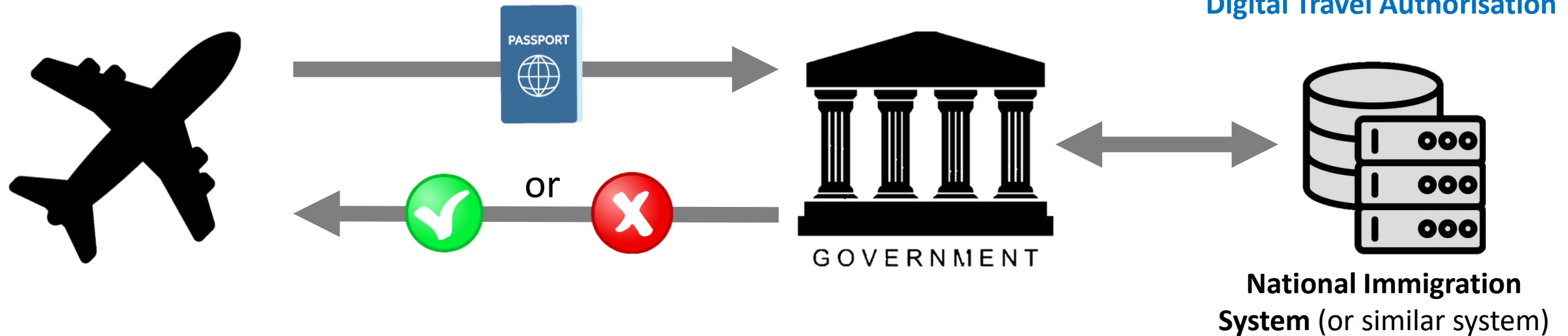
#2 : Digital Travel Portal



#3 : Digital Connections (between Gov & Industry)

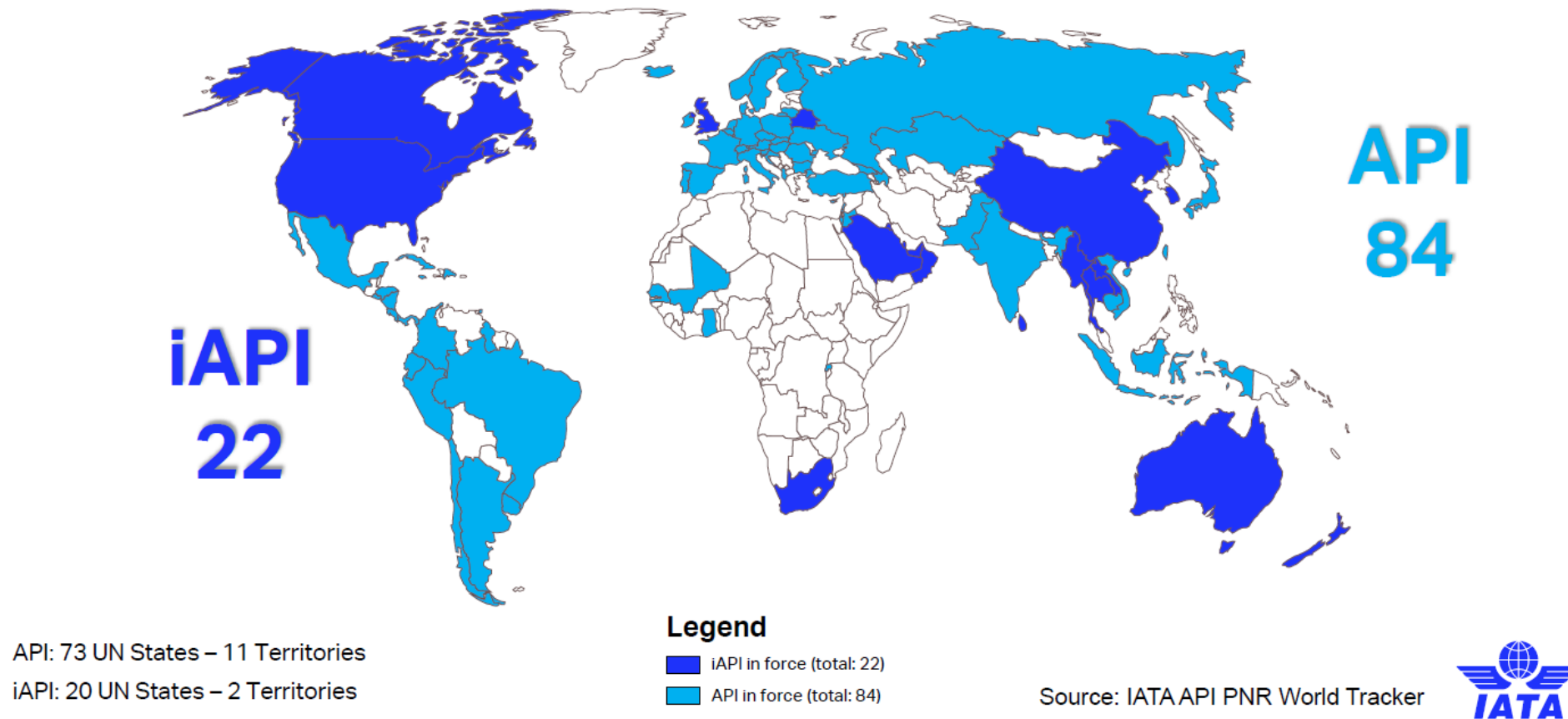
iAPI

(Interactive Advance Passenger Information)



#3 : Digital Connections (between Gov & Industry)

Global API / iAPI Implementation Status



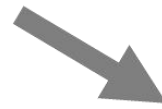
Map courtesy of IATA

#4 : Digital Travel Authorisation Certificates (TAC)

**Residents & Nationals
(& Regional People in case of the EU)**
(EU Digital COVID-19 Certificate)



Italian National



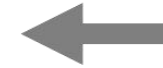
**COVID-19 Entry
Verification by
the Colosseum**



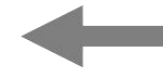
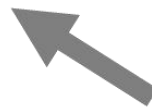
German Tourist



International Visitors
(Travel Authorisation Certificate)



American Tourist



Brazilian Student

#1 : Policy to Manage Fraud

Formulate a policy to **identify and manage fraud of COVID-19 certificates**

This could include:

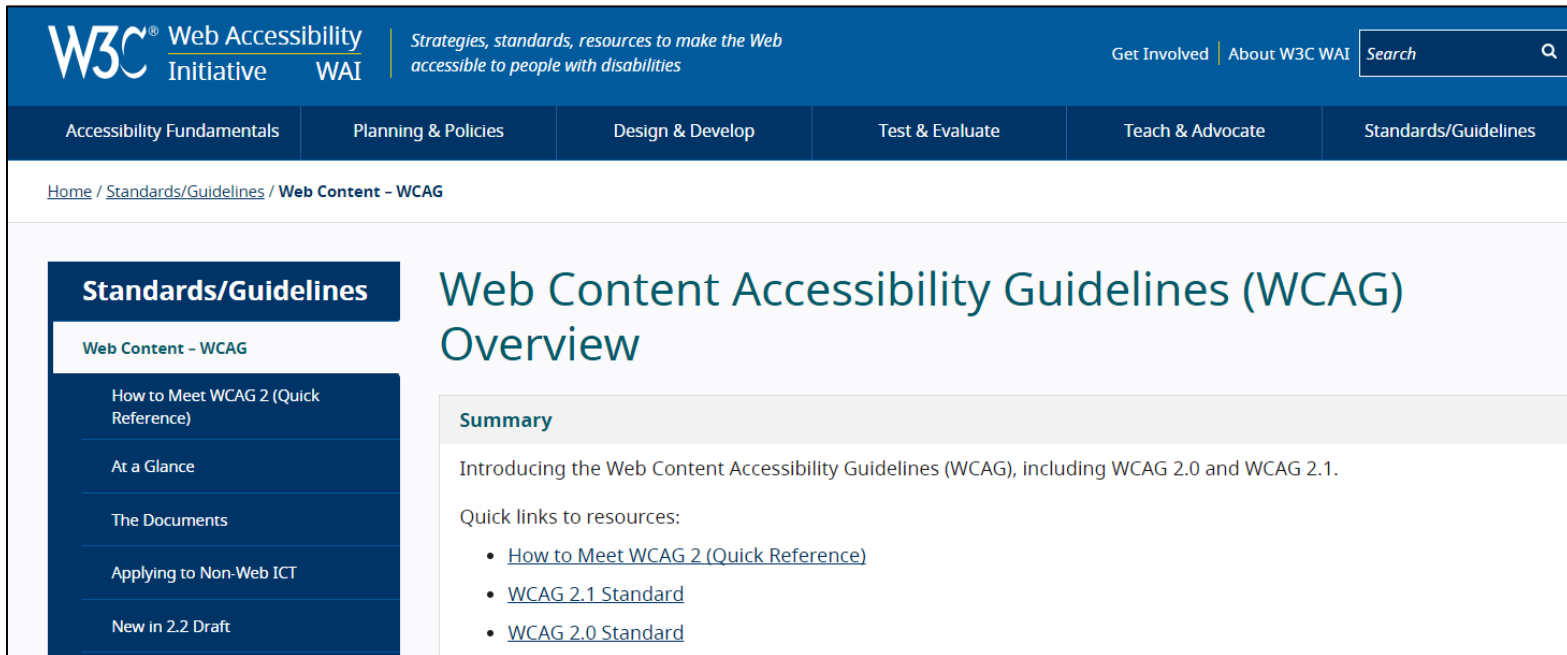
- Review of **existing laws and regulations**
- Establishment of an **investigation process**
- Assignment of roles and responsibility to **identify, investigate and pursue prosecutions**
- Establishment of processes for identified cases of fraud to be **shared promptly**



#2 : Policy for Digitally Accessible Travel

Develop a **policy for digital** (and physical) **accessible travel** including consideration of:

- 1) Assignment of a **Government role to act as an 'accessible travel champion'**
- 2) Compliance with the W3C standard for **Web Content Accessibility**
 - (also applicable to smartphone COVID-19 certificates)



The screenshot shows the W3C Web Accessibility Initiative (WAI) website. The header includes the W3C logo, the text "Web Accessibility Initiative WAI", and a tagline: "Strategies, standards, resources to make the Web accessible to people with disabilities". There are links for "Get Involved", "About W3C WAI", and a search bar. A navigation bar contains links for "Accessibility Fundamentals", "Planning & Policies", "Design & Develop", "Test & Evaluate", "Teach & Advocate", and "Standards/Guidelines". The main content area is titled "Web Content Accessibility Guidelines (WCAG) Overview" and includes a "Summary" section with the text: "Introducing the Web Content Accessibility Guidelines (WCAG), including WCAG 2.0 and WCAG 2.1." Below this, there are "Quick links to resources:" which include links to "How to Meet WCAG 2 (Quick Reference)", "WCAG 2.1 Standard", and "WCAG 2.0 Standard". A sidebar on the left lists "Standards/Guidelines" and "Web Content - WCAG" with sub-links like "How to Meet WCAG 2 (Quick Reference)", "At a Glance", "The Documents", "Applying to Non-Web ICT", and "New in 2.2 Draft".

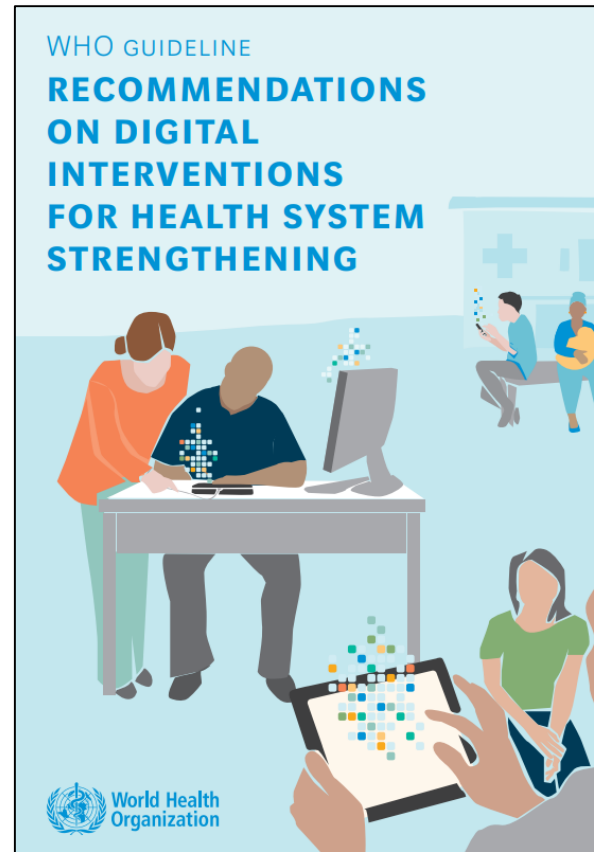


#3 : Digital Gov Services & Digital Healthcare Systems

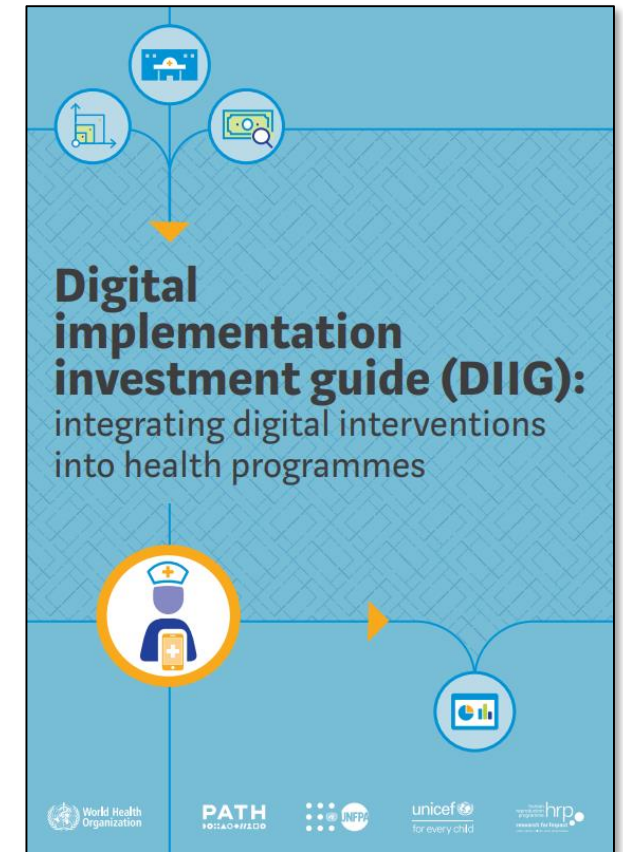
Develop **national digital strategies** (for Government Service & Healthcare) integrated with the travel process to **enhance the mitigation of future health risk at the border**



OECD Guidance : Digital Gov Services

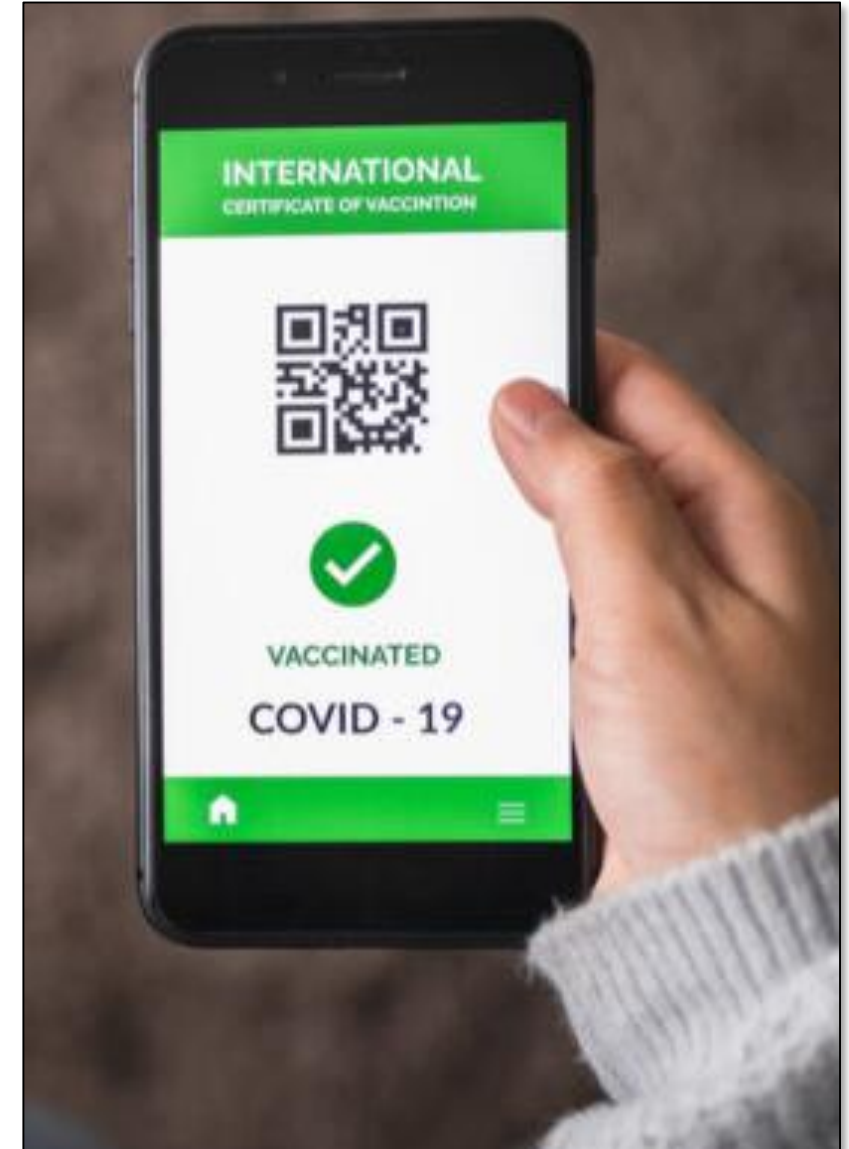


WHO Guidance : Digital Healthcare Systems



#4 : Identify & Monitor Lessons Learned

- Implement **monitoring approaches to identify and capture digital solution implementation lessons learned** (e.g. data analytics, benchmarking, passenger surveys)
- **Share lessons learned widely with Travel & Tourism stakeholders** to enable continuous improvement, best practices to be identified and rapid adaption to changing circumstances and risks



Summary

Many of the building blocks are already in place

1. **Digital COVID Certificates** → align to 1 of 4 standards (& work towards a single standard in mid term)
2. **Passenger Location Form (PLF) Portals & eVisa/eTA Portals** → build upon to make an integrated Digital Travel Portal
3. **API & iAPI systems** → utilise iAPI for COVID Status Checks & upgrade API systems
4. **National Verification Apps** → allow Digital Travel Authorisation Certificates (TAC) & define a standard for TAC's
5. **Supporting Policies** → Build on existing policies to implement Counter Fraud, Digital Accessibility, Digital Government & Healthcare Services and Lessons Learned Policies

Thank You

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