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ICAO MID DGCA/ 6 Meeting

1st -3rd Nov 2022 Abu Dhabi - UAE

Developments in the ICAO Facilitation Programme

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THREE INTERRELATED FACILITATION PROGRAMMES

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ICAO Annex 9 – *Facilitation*

AMENDMENT 29 TO ANNEX 9 - *FACILITATION*

Contains new and revised Standards and Recommended Practices related to public health emergencies, security of travel and health proofs, relief and repatriation flights, air transport facilitation of persons with disabilities, assistance to aircraft accident victims and their families, trafficking in persons

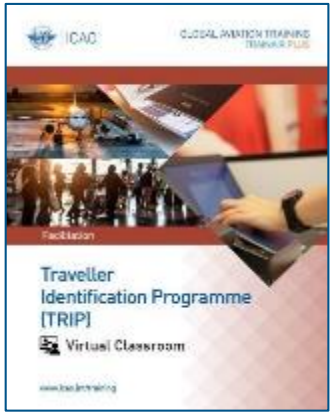
Amendment 29 became effective 18 July 2022 and will become applicable on 18 November 2022

Amendment 29 Main Changes

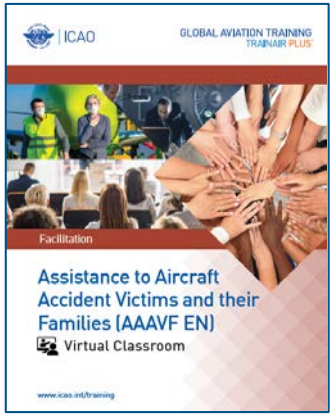
- **Chapter 1**
  - New Definitions
  - Standard 1.2 and Recommended Practice 1.6 amended
- **Chapter 2**
  - Disinsection and Disinfection: New and revised Standards and Recommended Practices
- **Chapter 3**
  - Security of Travel Documents: Recommended Practice 3.9 upgraded to a Standard
- **Chapter 5**
  - Deportees: Revised Standard 5.19
- **Chapter 6**
  - International Airports – Facilities and Services for Traffic: New and revised Standards 6.39, 6.40, 6.41, 6.42 and Recommended Practices 6.2, 6.36, 6.37
- **Chapter 8**
  - Relief flights and Repatriation flights - New and revised Standards and Recommended Practices
  - Facilitation of the Transport of persons with disabilities – Recommended Practices 8.22, 8.29, 8.30, 8.32, 8.40 elevated to Standards 8.23, 8.30, 8.31, 8.33 and 8.41.1, respectively
  - Assistance to Aircraft Victims and their Families - Recommended Practice 8.46 elevated to Standard 8.47 and new RP 8.48
  - Wildlife Trafficking – New Recommended Practice
- **Chapter 10 - Establishment of a new chapter on Public Health**
  - International health regulations and related matters
  - Inspection of health-related documentation
  - Prevention and mitigation of communicable diseases

Training Courses and Workshops Developed/Integrated in iPacks

ICAO Annex 9 Facilitation: virtual & classroom course



ICAO Traveller Identification Programme (TRIP) Strategy: Virtual & Classroom Course



Assistance to Aircraft Accident Victims and their Families

Strengthening National Air Transport Facilitation Committees for the Restart and Resilience of Civil Aviation

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PRIORITIES AND OUTCOMES FOR 2023-2025 TRIENNIUM

- STREAMLINING ANNEX 9 SARPS
- MONITORING IMPLEMENTATION OF ANNEX 9 SARPS
- ASSISTANCE AND CAPACITY BUILDING
- RESPONSE TO NEW AND EMERGING ISSUES
- INNOVATION IN TECHNOLOGIES

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ICAO TRIP Strategy:

Building Trust in Travel Document Security

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Key Concepts - ICAO TRIP Strategy

Globally interoperable applications that provide for timely, secure and reliable linkage of MRTDs and their holders to relevant data in the course of inspection operations, e.g. **API, PNR, SLTD**

Credible evidence of identity, involving the tracing, linkage and verification of identity

Manufacture of standardized **MRTDs**, that comply with ICAO specifications (**Doc 9303**)

Processes for document issuance by appropriate authorities, and controls to prevent theft and loss

For the efficient and secure reading and **verification of MRTDs**, e.g. **ABC, PKD**

Objective: All Member States can uniquely identify individuals

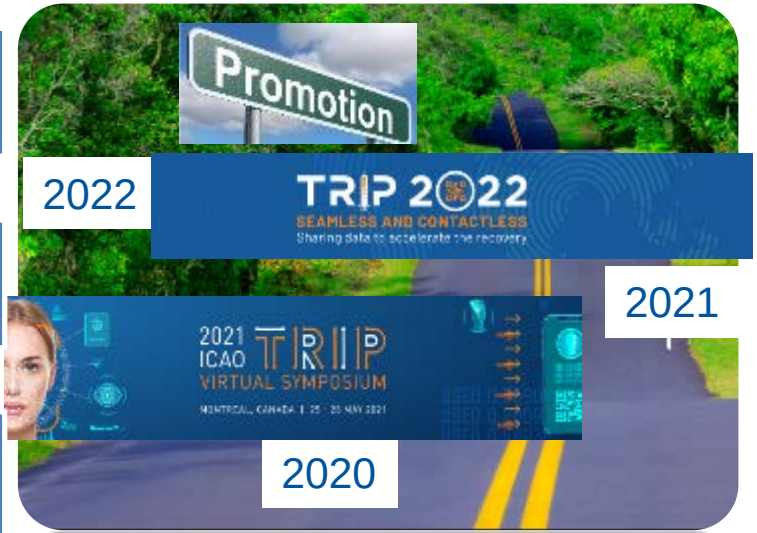
Developments in ICAO TRIP Strategy

Health QR code: ***Visible Digital Seal for non-constrained environments (VDS-NC).***

Virtual forms of traveler identification:
Digital Travel Credential (DTC 1) parameters

Guidance material:
Publication of 8th Edition of Doc 9303, MRTD

Assistance to States:
Support API/PNR implementation (UNOCT) & ABC deployment



Update of the ***TRIP Implementation Roadmap*** in line with related Annex 9 SARPs

Requirements for health proof certificates

Integrity	Could the data have been altered after issuance?
Authenticity	Can issuance by a trusted authority be confirmed?
Trustworthy/Verifiable	Are my systems capable of verifying integrity and authenticity?
Convenient to use	Will the certificate be efficiently read within existing processes and infrastructure?
Data protection	Compliant with legislation in State of use and State of nationality of the traveler
Interoperability	Will cross-border verification be possible?

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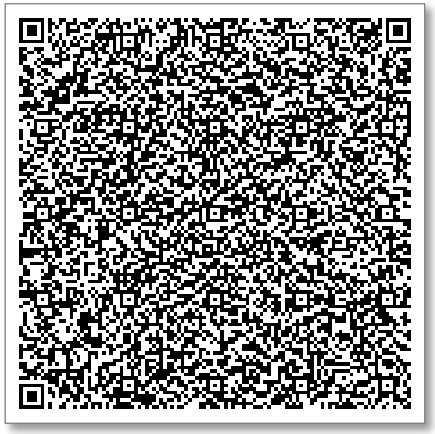
ICAO Visible Digital Seal for Non-Constrained Environments (VDS-NC)



- Encodes minimum dataset for tests, vaccinations and recovery certificates
- Machine readable using standard barcode scanners (e.g. at check-in, bag drop, boarding gates)
- Digitally signed (optional for testing certificates), using the same infrastructure as used by more than 145 States issuing ePassports

Technical Report published

https://www.icao.int/Security/FAL/TRIP/PublishingImages/Pages/Publications/Visible%20Digital%20Seal%20for%20non-constrained%20environments.pdf

ICAO Traveller Identification Programme (TRIP) Strategy

PRIORITIES AND OUTCOMES FOR 2023-2025

ALL TRIP ELEMENTS:

- Follow-up the level of implementation of the ICAO TRIP Roadmap : Compliance to Annex 9 SARPs
- Enhanced recognition of ICAO leadership on the ICAO TRIP Strategy
- Promotion and communication to States of the five elements of the ICAO TRIP Strategy

PRIORITIES AND OUTCOMES PER TRIP ELEMENT FOR 2023-2025

Passenger Data exchange: Advance Passenger Information (API) and Passenger Name Record (PNR) data

Development of Best Practices and Guidance Material from Credible evidence of identity

- Innovation: VDS and DTC
- update of MRTDs specifications, & guidance material
- ePassport Standard Roadmap

- Development of the Doc 9303 Compliance Scheme

- ICAO Doc 9303 Compliance Programme
- Guidance on DTC for integrated border operations

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ICAO Public Key Directory (PKD)

The ePassport

More than 150 ICAO Member States are issuing ePassports

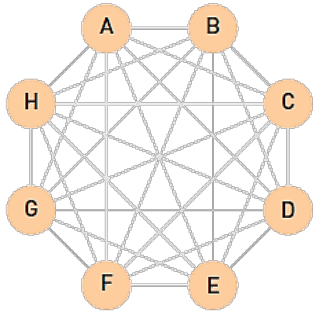
Recipients must verify the digital signature on the ePassport chip to ensure:

Authenticity

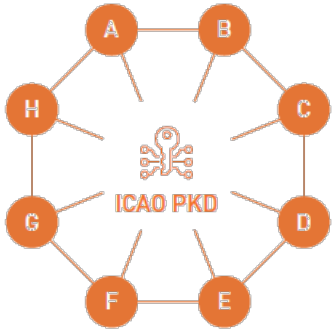
- Issuance by genuine authority

Integrity

- Data hasn't been changed since issuance (including the facial image)



Without the PKD



With the PKD

Syrian Arab Republic
Lebanon
Iraq
Jordan
Islamic Republic of Iran
Kuwait
Egypt
Saudi Arabia
Qatar
United Arab Emirates
Oman
Sudan
Yemen

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ICAO Public Key Directory (PKD): Regulatory updates

- Assembly A41 Resolution – consolidated statement on facilitation:

"*The Assembly…urges* all Member States to join the ICAO PKD, upload relevant information from their own State to the PKD, and to use the information available from all States in the ICAO PKD to authenticate eMRTDs at border control"

- Annex 9 Standard 3.9.2 (Amendment 28):

"*Contracting States that participate in the ICAO PKD shall upload the public key data necessary for authentication of all electronic passports that they issue to the PKD.*"

An increasingly compelling case to participate

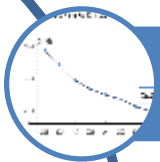
More need for PKD capabilities

More electronic documents – ePassport, DTC, VDS etc.

More demand for seamless/contactless travel

More need for agility in capabilities (robustness to pandemics etc.)

More value being provided at lower cost



Reduced fees

More data content, e.g. the ICAO Master List

Enhanced services and community sharing, e.g. the PKD Data Quality Coach initiative

New Services

Enhanced content

- New “Master List” (2020) - easier to share key ePassport certificates.
- New “Health Master List” (2021) to support verification of vaccination and test credentials.

Improved capacity building

- Data Quality coach initiative: Participating States are mentored by an experienced coach from the PKD
- Costs (travel etc.) borne by the PKD

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Thank You