Moving Breeder Documents
From paper to digital
Impact on travel identification

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ICAO TRIP SYMPOSIUM MONTREAL JUN 2019

ICAO – background and context

- **Chicago Convention** on International Civil Aviation - drafted in 1944 by 54 nations. The core principles permitting international transport by air, and led to the creation of ICAO on 4 April 1947.

- Today - more than 12,000 international *standards and recommended practices* (SARPs), agreed by consensus by ICAO's now 191 Member States (Annexures).

- **Annex 9** to the Chicago Convention - SARPs and guidance material for facilitation of landside formalities - aircraft and passengers clearance - customs, immigration, health and agriculture.

Five elements of the TRIP strategy

- API and iAPI
- PNR
- PKI and ICAO PKD
- eMRTD biometric ID verification
- Interpol SLTDs
- International watchlists

- Visa and ETS
- Document Readers
- Biographic ID verification
- Biometric ID verification
- National Watchlists
- Entry and Exit databases
- Automated Border Controls

Area of major concern.

EVIDENCE OF IDENTITY

INTEROPERABLE APPLICATIONS

IDENTIFICATION MANAGEMENT

MRTDs

INSPECTION SYSTEMS AND TOOLS

DOCUMENT ISSUANCE & CONTROL

- ICAO Doc 9303
- ISO-IEC/JTC 1/SC 17/WG 3

- Guide for assessing the security of handling and issuance of Travel Documents
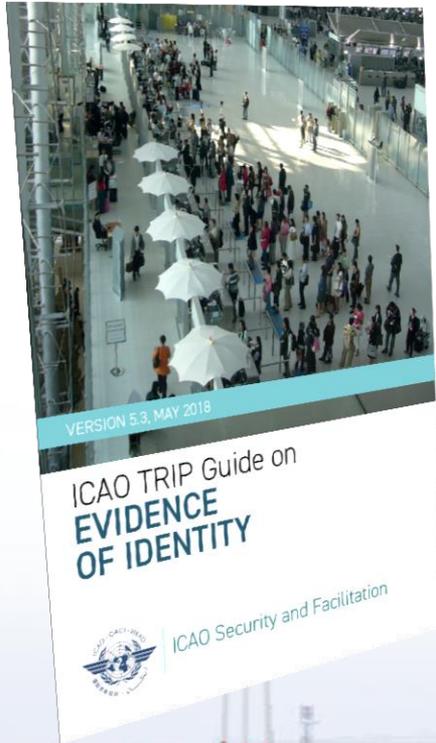
Don't worry – help is at hand!

- Why is EoI important ... and challenging?
- How does EoI work?
- Does EoI make you worried?

The ICAO TRIP Guide on **EVIDENCE OF IDENTITY**
Released in May 2018 and supported by ICBWG
Available at: **https://www.icao.int/Security/FAL/TRIP/Pages/Publications.aspx**

Download
https://www.icao.int/Security/FAL/TRIP/Documents/ICAO%20Guidance%20on%20Evidence%20of%20Identity.pdf

VERSION 5.3, MAY 2018

ICAO TRIP Guide on
**EVIDENCE
OF IDENTITY**

ICAO Security and Facilitation

Principles

Principle 1
Identity is genuine

Objective A
Identity exists

Objective B
Identity is living

Principle 2
Presenter links to Identity

Objective C
Person links to identity

Objective D
Identity is unique
Sole claimant

Objectives

Principle 3
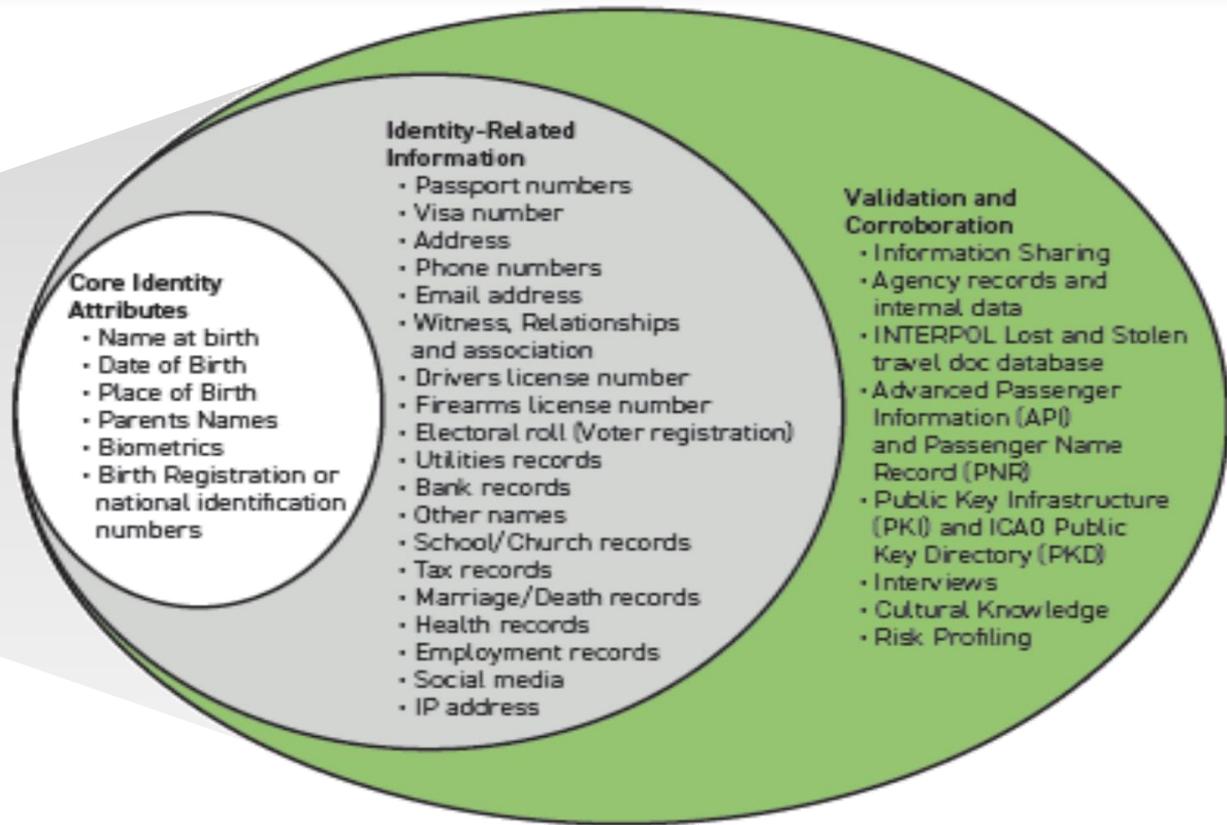**Presenter uses the claimed Identity**

Objective E
Identity is used in the community

New EoI ecosystem

Core Identity Attributes
- Name at birth
- Date of Birth
- Place of Birth
- Parents Names
- Biometrics
- Birth Registration or national identification numbers

Identity-Related Information
- Passport numbers
- Visa number
- Address
- Phone numbers
- Email address
- Witness, Relationships and association
- Drivers license number
- Firearms license number
- Electoral roll (Voter registration)
- Utilities records
- Bank records
- Other names
- School/Church records
- Tax records
- Marriage/Death records
- Health records
- Employment records
- Social media
- IP address

Validation and Corroboration
- Information Sharing
- Agency records and internal data
- INTERPOL Lost and Stolen travel doc database
- Advanced Passenger Information (API) and Passenger Name Record (PNR)
- Public Key Infrastructure (PKI) and ICAO Public Key Directory (PKD)
- Interviews
- Cultural Knowledge
- Risk Profiling

New EoI – process overview

CRVS

Functional

Foundational ID

INTEROPERABILITY

Interviews

Biographics

Social Footprint

Biometrics

Physical checks

LEGAL FRAMEWORK

Bond of Union by M.C. Escher
1956, lithograph

New EoI - circle of trust
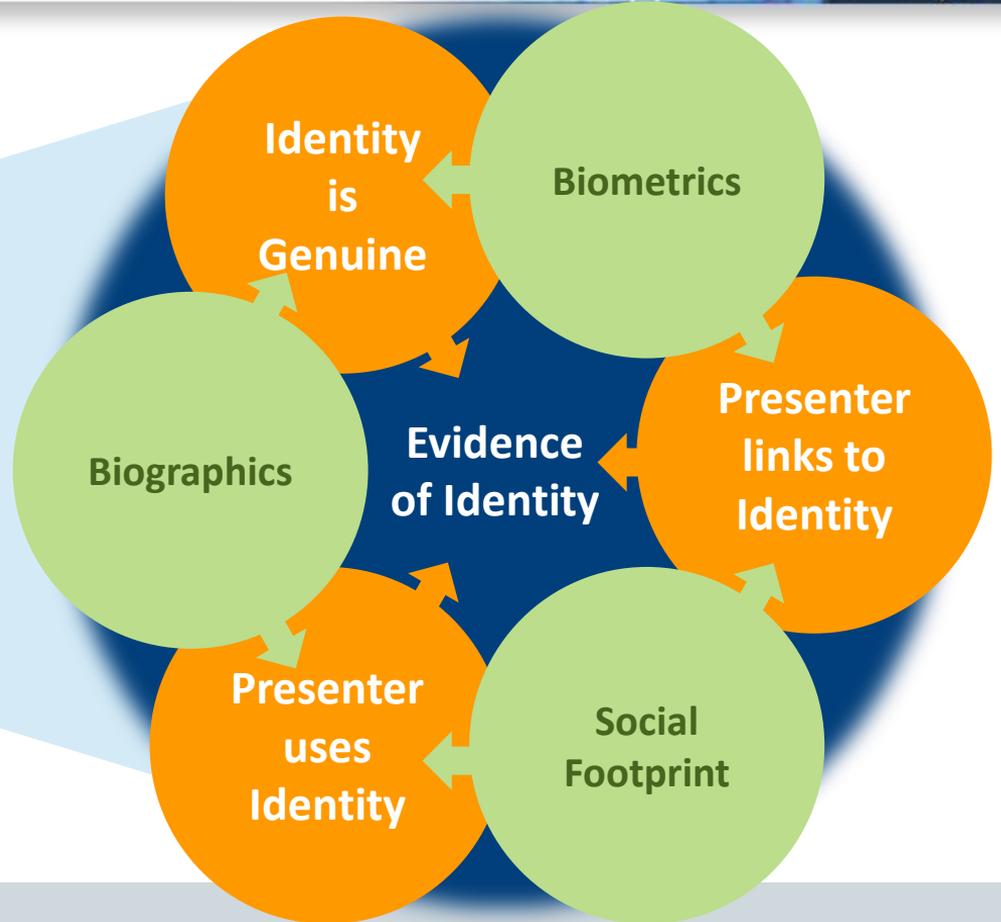
Manual

Digital Birth Certificate
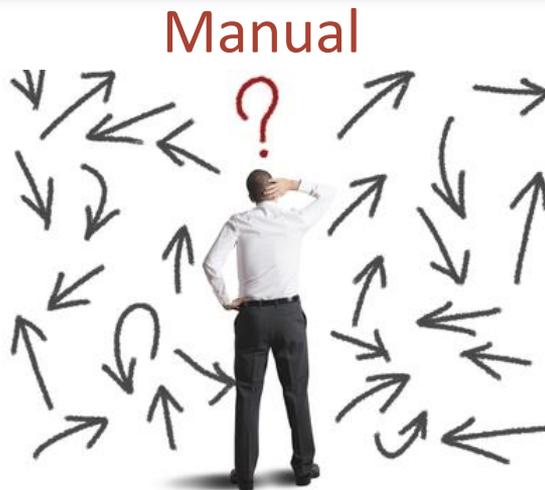
Digital

Digital Travel Credential

Security
Privacy
Non-repudiation
Traceability

Security
Privacy
Non-repudiation
Traceability

New EoI – Critical role

Civil Registration

- Birth
- Death
- Marriage
- Separation
- Adoption etc.
- Name change
- Naturalization
- Statelessness
- etc.

Issue Validate Renew **Travel Document**

Support for **Visa & ETA**

Watch List Validate **API & PNR**

Legal Framework

National
- Civil registration & Vital statistics
- Civil identification & biometrics
- Criminal justice
- Privacy & data protection
- Electronic transactions

International
- ICAO Annex 9
- UNSC resolutions

Must be consistent / in line with

- Travel documents
- Visa / Travel authorization
- API / PNR

Conclusion

- Digitalization will bring untold advantages
- EoI means both - security & facilitation
- Reap the benefits
- Change!

SECURITY & FACILITATION

ICAO

North American Central American and Caribbean (NACC) Office
Mexico City

South American (SAM) Office
Lima

ICAO Headquarters
Montréal

Western and Central African (WACAF) Office
Dakar

European and North Atlantic (EUR/NAT) Office
Paris

Middle East (MID) Office
Cairo

Eastern and Southern African (ESAF) Office
Nairobi

Asia and Pacific (APAC) Sub-office
Beijing

Asia and Pacific (APAC) Office
Bangkok

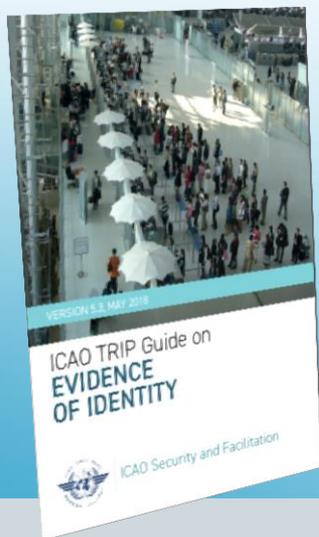*For further information, please contact:*

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THANK YOU