



# 2025 TO DO S I U M

MONTRÉAL, CANADA | NOVEMBER 4 - 6

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# MRTD to DTC: The Current Landscape of Travel Document Issuance



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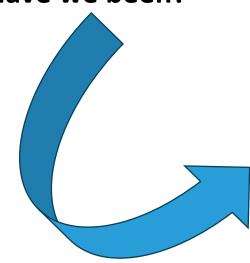




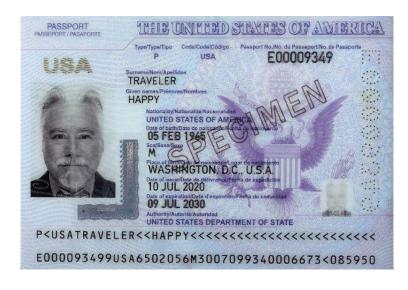




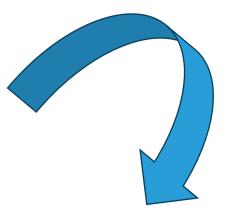
#### Where have we been?



# **Presentation Questions**



Where are we now?





Where are we going?

# ICAO 1

### ICAO Technological Advancements for Travel Documents



2003

#### **eMRTD Technical Specifications**

The first technical specifications for **eMRTD**, or **ePassport**, were published in **2003**. **The issuance of eMRTDs is** <u>NOT</u> **an ICAO standard**, however, over 160 member states issue ePassports. Additionally, 107 countries have joined the Public Key Directory (PKD).









#### **MRTD Specs Introduced**



The first technical specifications for machine-readable travel documents, or MRTDs, were published in 1980, which became an ICAO standard in 2010, mandating all hand-written passports expire by 2015.

#### 2027

#### **PACE Standard for eMRTD Issuers**

All ICAO member states issuing eMRTDs must transition their chip security protocols from Basic Access Control (BAC) to Password Authenticated Connection Establishment (PACE) by **01 January 2027**.

## DTC Pilots in the European Union

Case Study #1

- EU Commission-funded DTC Pilots
  - The Netherlands
  - **Finland**
- Pilots Informing Technical Specifications for Future ICAO-compliant DTC
- Phase 2 of EU DTC Pilots Forthcoming





## Digital Prioritization in the USA

Case Study #2

- **Prioritization of Modernization Efforts**
- Challenges in Online Services
  - Decentralized Breeder Document Issuance
  - 56 Unique Jurisdictions
- Active Participation in DTC Conversations







# Papua New Guinea ePassport Implementation

Case Study #3

- Consulting with Subject Matter Experts
  - Australian Home Affairs
  - ICAO Implementation and Capacity Building Working Group (ICBWG)
  - Biometrics Institute
- Utilizing ICAO Guidance Materials
  - Evidence of Identity
  - Secure Handling and Issuance

PIDC Biometrics & ePassport Workshop



**TRIP 2025** 

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#### **Context Matters: MRTD States**

#### Case Study #4

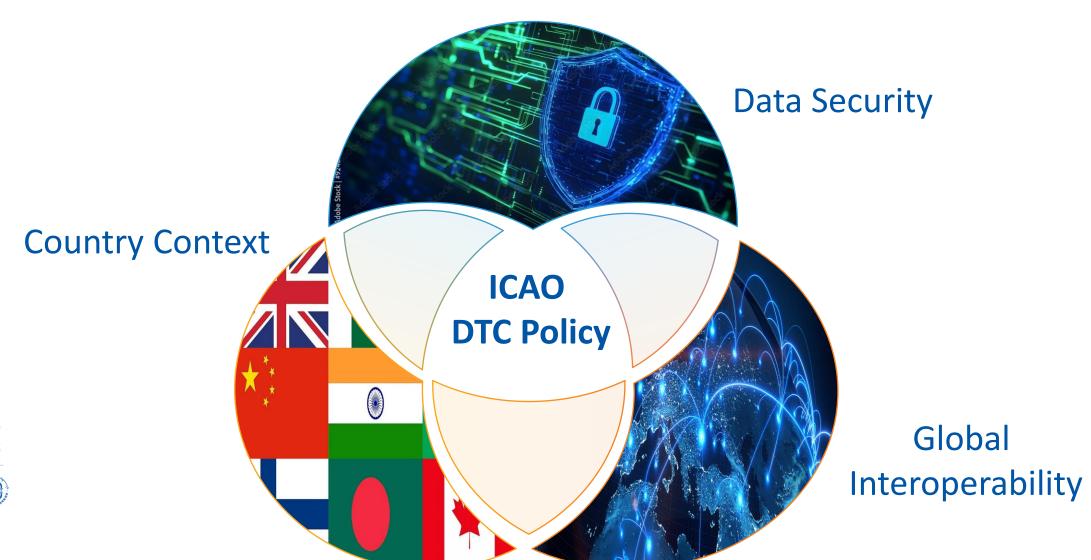
- ePassport Considerations
  - Production and Maintenance Costs
  - Technological Upgrades
  - Low Passport Volumes
  - Subject Matter Expertise
  - Increased Costs to Citizens
- ePassport ≠ More Visa-free Travel





# | ICAO TRIP 2025

## Understanding the Current Landscape: Why does it matter?



### Resources and Guidance

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#### **U.S. Passport International Affairs**

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# Thank You

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