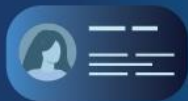




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2025 ICAO **TRIP** SYMPOSIUM

MONTRÉAL, CANADA | NOVEMBER 4 - 6



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MRTD to DTC: The Current Landscape of Travel Document Issuance



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UNITED STATES *of* AMERICA



ICAO Technological Advancements for Travel Documents



eMRTD Technical Specifications

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



2003

1980

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

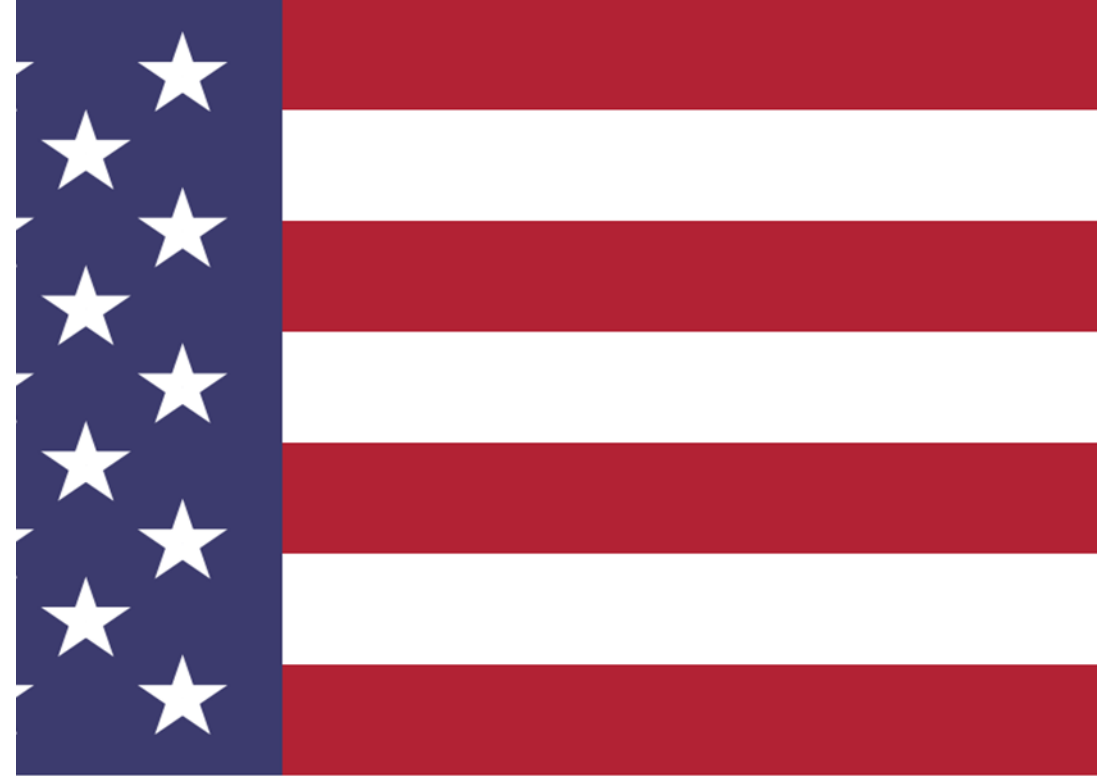
- EU Commission-funded DTC Pilots
 - The Netherlands
 - Finland
- Pilots Informing Technical Specifications for Future ICAO-compliant DTC
- Phase 2 of EU DTC Pilots Forthcoming



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



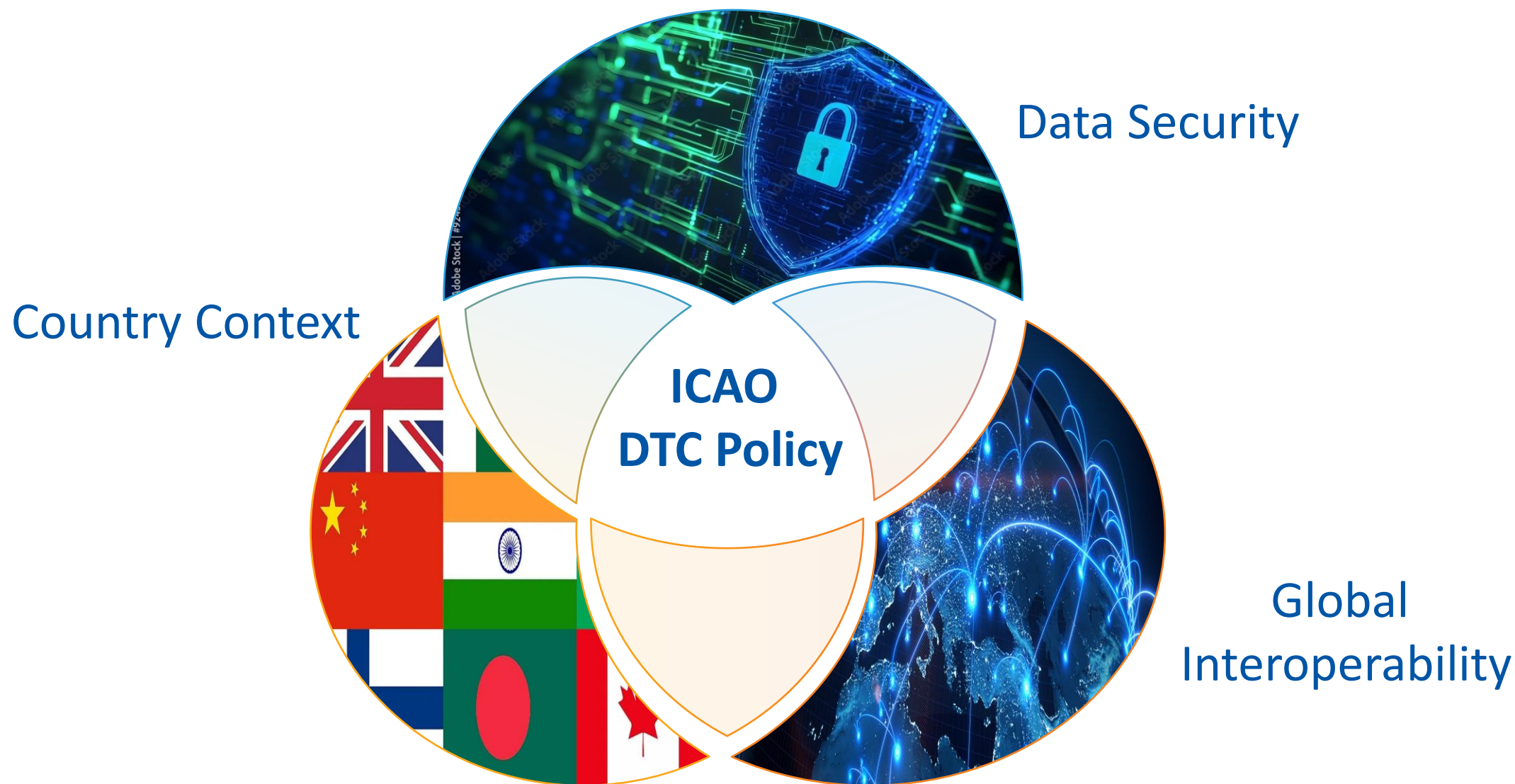
Context Matters: MRTD States

Case Study #4

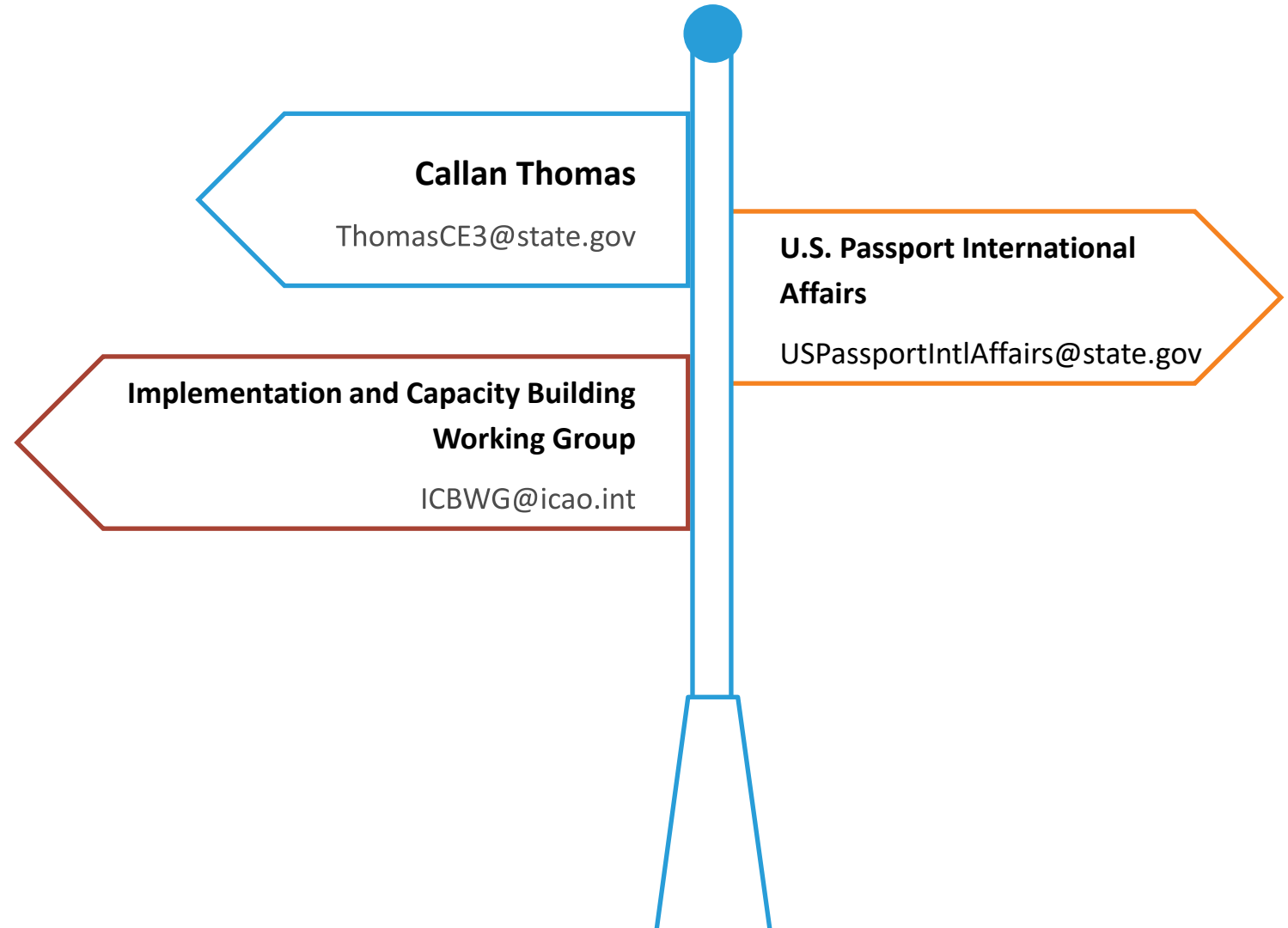
- ePassport Considerations
 - Production and Maintenance Costs
 - Technological Upgrades
 - Low Passport Volumes
 - Subject Matter Expertise
 - Increased Costs to Citizens
- ePassport ≠ More Visa-free Travel



Understanding the Current Landscape: Why does it matter?



Resources and Guidance



Thank You

