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Overcoming Challenges when Joining the ICAO PKD

Simon Deignan

OSCE – Programme Manager - Travel Document Security

ICAO TRIP: Making Air Travel more Secure and Efficient

TOWARD BETTER TRAVELLER IDENTIFICATION MANAGEMENT
FOR ENHANCED BORDER CONTROL INTEGRITY



Thirteenth Symposium and Exhibition on ICAO Traveller Identification Programme



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SECURITY & FACILITATION



Administrative

1. Laws and regulations

2. Registration with ICAO PKD Secretariat, Montreal

5. Project Management

Technical

3. Planning of the National – PKD

4. Integration with ICAO PKD Service Provider



Thirteenth Symposium and Exhibition on ICAO Traveller Identification Programme



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SECURITY & FACILITATION

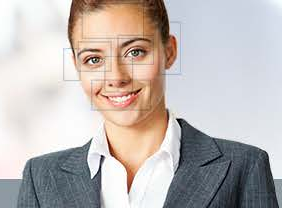


1. National laws and responsibilities

Chapter 1: Organizational Structure



- Who is the responsible Travel Document Issuance Authority (TDIA)?
- Who is the responsible Border Control Authority (BCA)?
- Do these laws and/or regulations permit these to operate independently and carry out their mandate without interference?
- What is the legal basis for issuing e-passport and running an e-passport PKI?



1. National laws and responsibilities

Chapter 2: Country Signing Certificate Authority / Document Signer

- Ensure there is a Certificate Policy (CP) in place
- Stick to ICAO recommendations

Chapter 3: Operations of the Travel Document PKI

- Who operates the e-passport PKI and how is this done?

Chapter 4: Operations of the Border Control PKI

- Who operates the border control PKI (if existing at all) and how is this done?
- Passive Authentication and internet connectivity?



2. Registration with ICAO PKD

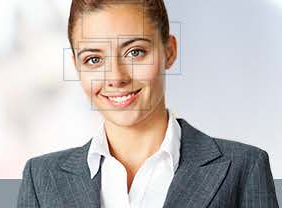
Chapter 5: Assignments

- Appoint a lead authority to lead through the registration process with ICAO headquarters
- Who in person shall represent the country with ICAO?
- Funding in place for fees

Chapter 6: Submission of CSCA

- Is the first (and subsequent) Country Signing Certificate available?

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3. Planning of National PKD infrastructure

Chapter 7: Purpose and scope of the National PKD

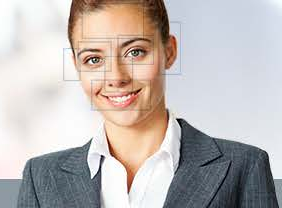
- Shall the National PKD solution be handling all exchanges?
- Are there any other Certificate Authorities to be involved in handling e-passport credentials?

Chapter 8: Infrastructure

- Is a reliable and fast connection to the internet available for running the National PKD system?
- Are the passport readers at the border control equipped with chip reading capabilities?

Chapter 9: Training

- Do you have employees with right skill set to be trained for operating the NPKD system?



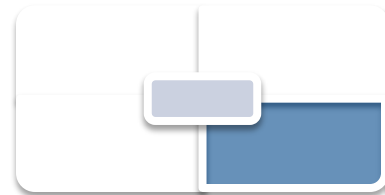
4. Integration with the ICAO PKD in Berlin

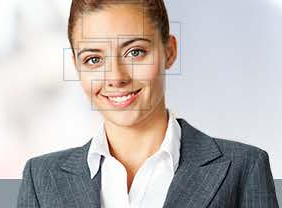
Chapter 10: Selection of an appropriate off-the-shelf NPKD solution or necessary components

- What shall the solution do beyond the basics:
 - Masterlists, Defect Lists, Backup solution etc. ?
- Are there any preferred suppliers to be addressed?

Chapter 11: Specification and planning of the integration process?

- What is the availability of existing IT infrastructure?
- Connectivity to Border Control





5. Project Management

Chapter 12: Project Management

- Scope: What shall be covered by the project?
 - Describe the objectives of your PKD project
- Stakeholders: Who needs to be involved?
 - Prepare a list of all authorities in the country who needs to be involved.
- Approach: How to manage the project?
 - Timelines and key success factors.





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