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Regional Seminar on MRTDs and Traveller Identification Management
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AThe Spanish Approach to National PKD and SPOC

Directorate General of the Spanish Police
General Commissariat for Aliens and Borders
Central Unit Against Illegal Immigration Networks and False Documents





Introduction

- New Technologies Working Group (NTWG) of the Technical Advisory Group on Machine Readable Travel Documents (TAG/MRTD) ICAO.

+/-500 MILLIONS OF ePassports in circulation

>115 STATES ISSUING e-Passports





- ***WHAT IS AN ePassport?***
- Doc 9303, Part 1, Volume 1, Page II-3, ICAO
- Not all ePassports issued, comply with ICAO specs.
- Issuance ePassports is not currently mandatory by ICAO
MRPs for ICAO member States are. ICAO Doc 9303, Part 1, Volume 1
(Annex 9 to the Chicago Convention, Standard 3.10).



- Information on the chip, is only useful if the data can be validated quickly and securely.
- In addition to the ePassport holder's information, the chip also stores a country specific digital security feature, known as a 'digital signature', which is derived from the country's security certificates, the Document Signer Certificates and the Country Signing Certification Authorities (CSCA) Certificates.



- Digital signature informs border authorities the passport is authentic, was issued by the given country and has not been tampered.
- Distribution of the certificates and Certificate Revocation Lists (CRLs).
- Bilaterally exchanging.
- Non access to these certificates, ePassports must be treated as non-electronic passports at the border.





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- ICAO-PKD certificate sharing

PKD does not contain any passport holder's personal information nor does it provide access to ePassport secondary biometrics.

BAC-PA



- EU-SPOC



2^o Generation ePassports 2009
EAC-fingerprints



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Contact Details:

Inspector Fernando Alvarez Moriano
alvarez.moriano@policia.es

