



ICAO | UNITING AVIATION

Regional Seminar on MRTDs and Traveller Identification Management
Madrid, Spain, 25 to 27 June 2014

The 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

>110 STATES ISSUING e-Passports

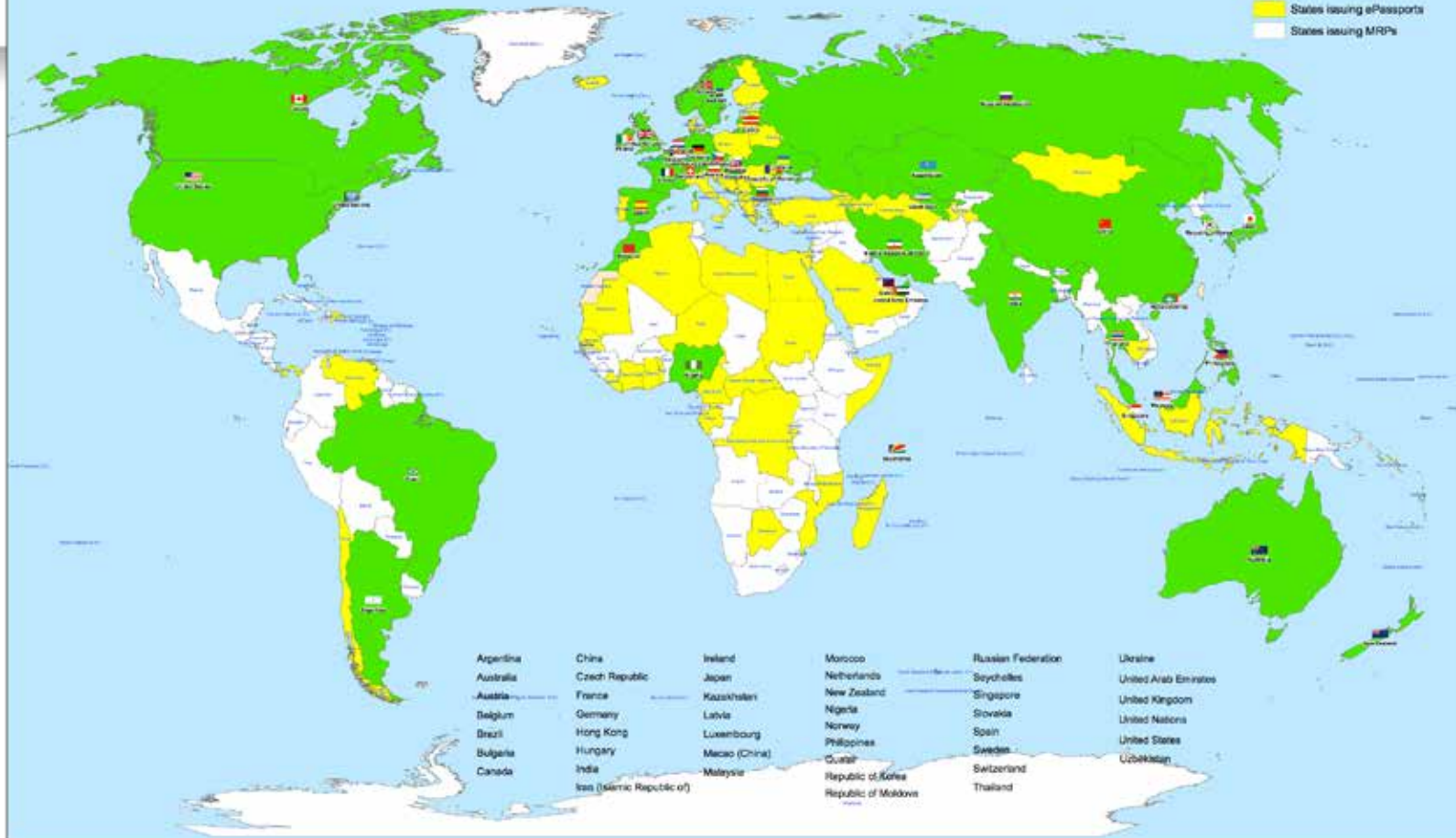




45 PKD Participants and ePassports issuing States

Legend

- PKD Participants
- States issuing ePassports
- States issuing MRPs





- ***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, Volume1
(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.





- 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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