Evolving ICAO MRTD Specifications
coming soon:
The New Seventh Edition of Doc 9303

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MRTD SPECIFICATIONS

Doc 9303

  o Volume 1 - Passports with Machine Readable data stored in OCR format
  o Volume 2 - Electronically enabled Passports with Biometric Identification Capability

• Part 2 - Machine Readable Visas, Third edition - 2005

• Part 3 - Machine Readable Official Travel Documents, Third edition - 2008
  o Volume 1 - MRtds with Machine Readable data stored in OCR format
  o Volume 2 - Electronically enabled MRtds with Biometric Identification Capability
MRTD SPECIFICATIONS

Supplement to Doc 9303

- Release 14 - May 2014
  - 176 pages
  - 253 issues
MRTD SPECIFICATIONS

8 Technical Reports

- TR - MRTDs: History, Interoperability and Implementation
- TR - CSCA Countersigning and Master List issuance
- TR - LDS and PKI Maintenance
- TR - Supplemental Access Control for MRTDs
- TR - Machine reading options for td1 size MRTDs
- TR - Transliteration of Arabic Script in MRTDs
- TR - Travel Document Deviation List Issuance
MRTD SPECIFICATIONS

Doc 9303

  - Volume 1 - Passports with Machine Readable data stored in OCR format
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- Supplement to Doc 9303
- 8 Technical Reports
Three Activities

• Re-structuring
• Supplement incorporation
• Technical Reports integration
1. Introduction;
2. Specifications for the Security of Design, Manufacture and Issuance of MRTDs;
3. Specifications common to all Machine Readable Travel Documents;
4. Specifications specific to TD3 size MRTDs, Machine Readable Passports;
5. Specifications specific to TD1 size MRTDs, Machine Readable Official Travel Documents;
6. Specifications specific to TD2 size MRTDs, Machine Readable Official Travel Documents;
7. Machine Readable Visas;
8. Reserved for future use (Emergency Travel Documents);
9. The Deployment of Biometric Identification and Electronic Storage of Data in MRTDs;
10. Logical Data Structure;
11. Security Protocols;
12. Public Key Infrastructure for Machine Readable Travel Documents.
# FOREWORD

# SCOPE

# GENERAL CONSIDERATIONS

3.1 ICAO’s Leadership Role
3.2 Relative Costs and Benefits of Machine Readable Travel Documents
3.3 Operations
3.4 Note on the Supplement
3.5 Endorsement by ISO

# DEFINITIONS AND REFERENCES

4.1 Acronyms
4.2 Terms and Definitions
4.3 Key Words
4.4 Object Identifiers
4.5 The use of Notes

# GUIDANCE ON THE USE OF DOC 9303

5.1 Doc 9303 Composition
5.2 Relationship between MRTD Form Factors and relevant Doc 9303 Parts

# REFERENCES (NORMATIVE)
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# File Structure Specifications

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Usage

- ePassport Book
Usage

• Non-chip TD1 size card
Differences

- All Appendices informative
- Consistent formatting titles/text/figures/tables/notes/even bullets
- Consistent terminology, f.i. form factor instead of type, document type, model, etc.
- MRTD/eMRTD (general), MRP/eMRP (TD3 passport book), MROTD/eMROTD (TD1 & TD2 official travel documents), MRV-A and MRV-B
- (Popular) term “ePassport” not formally used anymore
Maintenance

- Seventh edition - Revision 1
- Changes & Updates to individual parts → Revision 2
- No more Supplements
- Every 5 years new edition (as before)
- One ISO standard on editions ISO/IEC 7501
Timeline

• Project start - Mid 2011
• 3 Phases completed - Q3 2013
• Review cycles completed - Q1 2014
• Endorsed at TAG 22 - May 2014
• ICAO Editorial and Translation
• Publication - End 2014
DOC 9303 REVISION

Successful?

• Doc 9303 6th/3rd Edition
  1049 pages

• Doc 9303 7th Edition
  424 pages

Thank you for your attention