

Doc 9303 and Introduction of New Specifications

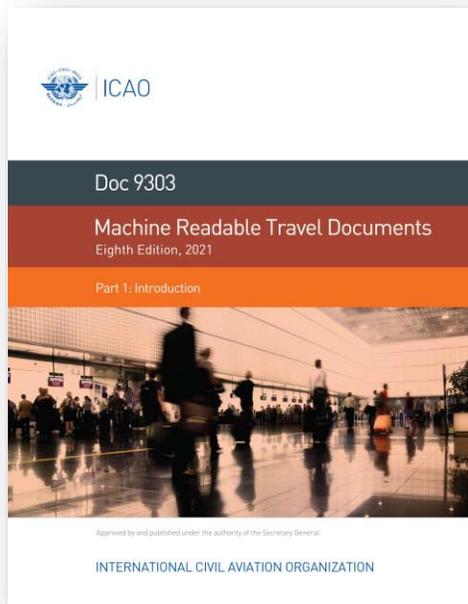
R Rajeshkumar

ISO SC17-WG3/TF5 Leader



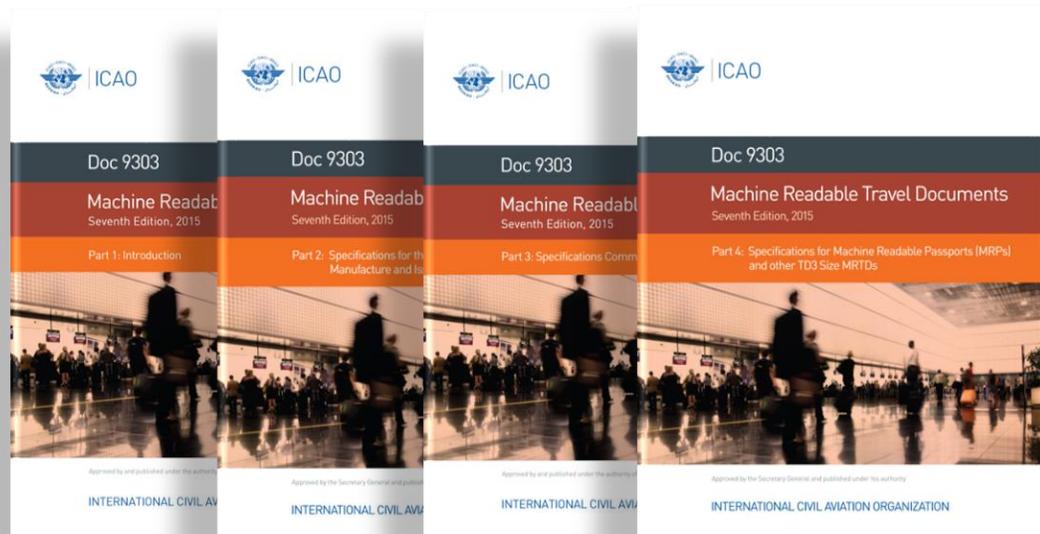
eMRTD specifications

Doc 9303 – 8th edition



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. Emergency Travel Documents
9. The Deployment of Biometric Identification and Electronic Storage of Data in MRTDs
10. Logical Data Structure for storage of Biometrics and Other Data in Contactless Integrated Circuit (IC)
11. Security Mechanisms for MRTDs
12. Public Key Infrastructure for Machine Readable Travel Documents
13. Visible Digital Seal

How to use – Issuing MRTD



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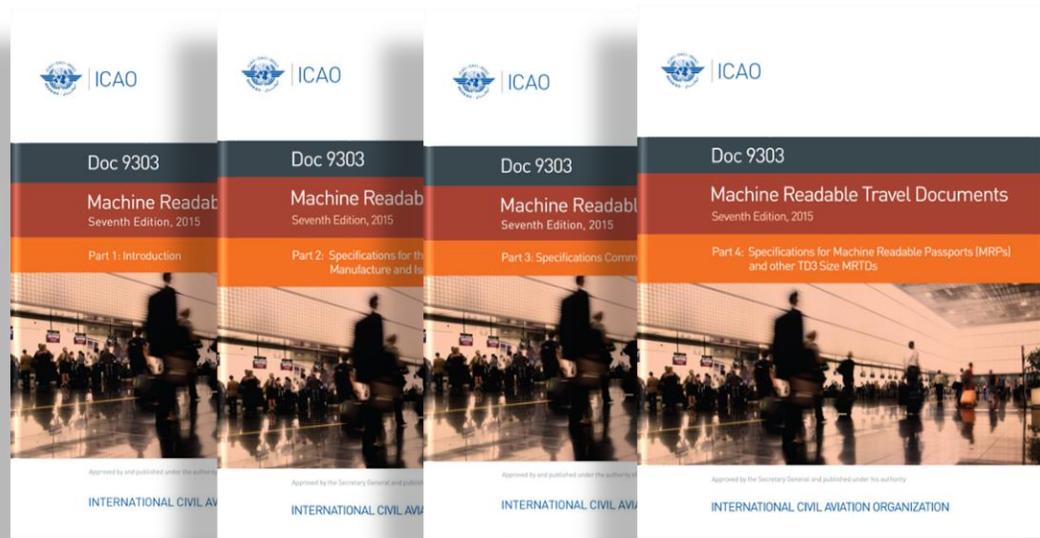
Part 1: Introduction

Part 2: Specifications for the Security of Design, Manufacture and Issuance of MRTDs

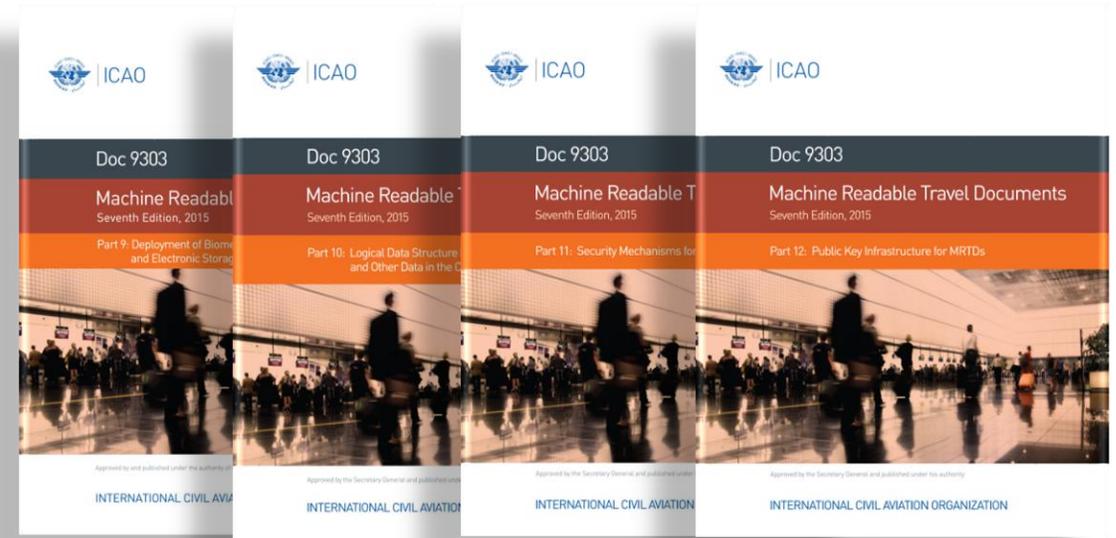
Part 3: Specifications common to all Machine Readable Travel Documents

Part 4: Specifications specific to TD3 size MRTDs, Machine Readable Passports

How to use – Issuing eMRTD

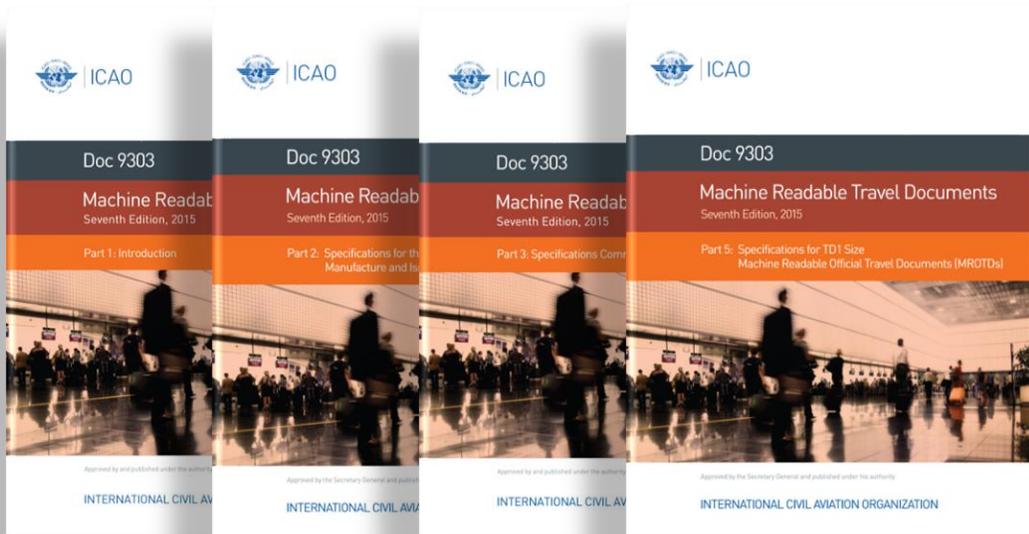


- Part 1: Introduction
- Part 2: Specifications for the Security of Design, Manufacture and Issuance of MRTDs
- Part 3: Specifications common to all Machine Readable Travel Documents
- Part 4: Specifications specific to TD3 size MRTDs, Machine Readable Passports



- Part 9: The Deployment of Biometric Identification and Electronic Storage of Data in MRTDs
- Part 10: Logical Data Structure for storage of Biometrics and Other Data in Contactless Integrated Circuit (IC)
- Part 11: Security Mechanisms for MRTDs
- Part 12: Public Key Infrastructure for Machine Readable Travel Documents

How to use – Issuing TD1 size card without chip



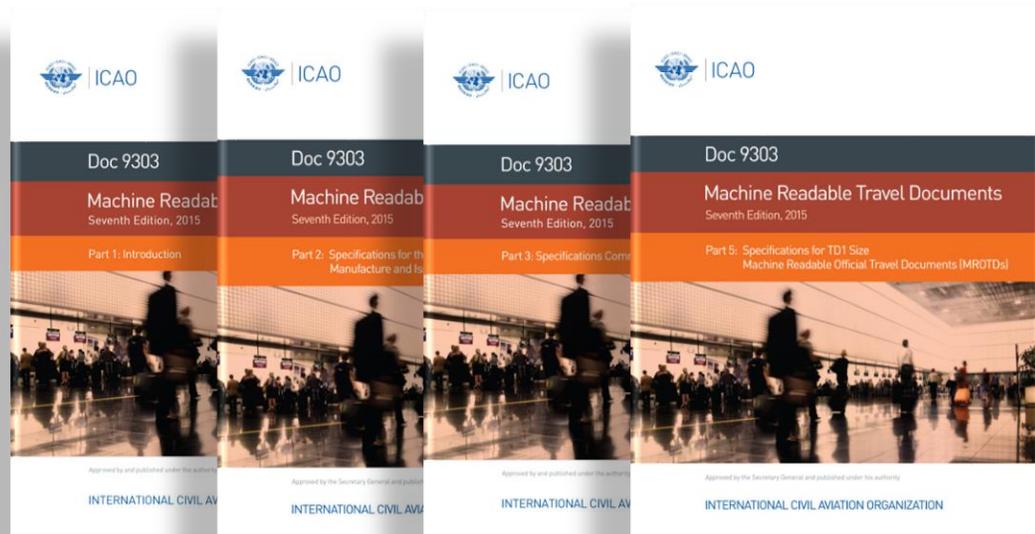
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Part 2: Specifications for the Security of Design, Manufacture and Issuance of MRTDs

Part 3: Specifications common to all Machine Readable Travel Documents

Part 5: Specifications specific to TD1 size MRTDs, Machine Readable Official Travel Documents

How to use – Issuing TD1 size card with chip

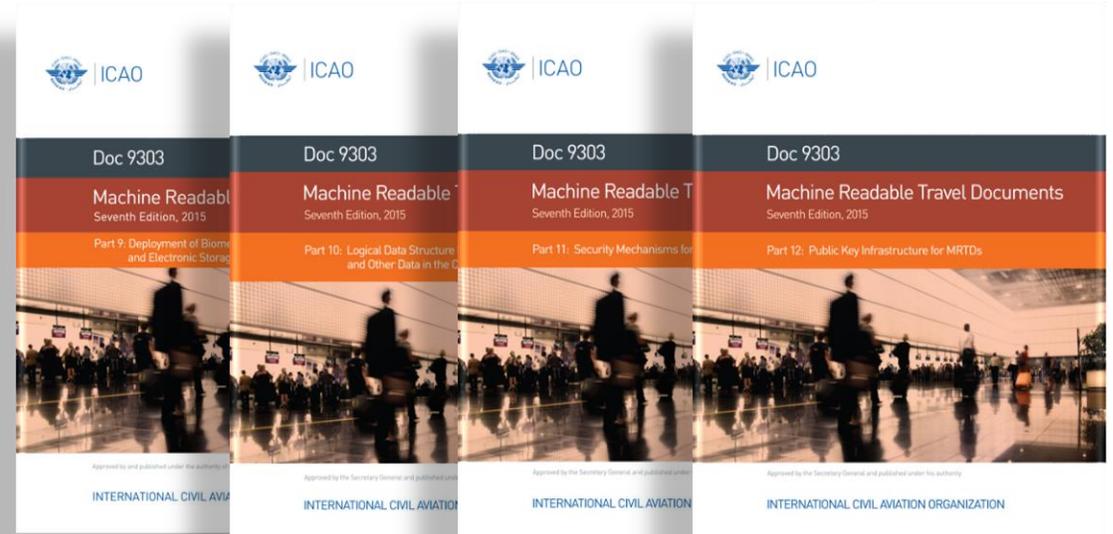


Part 1: Introduction

Part 2: Specifications for the Security of Design, Manufacture and Issuance of MRTDs

Part 3: Specifications common to all Machine Readable Travel Documents

Part 5: Specifications specific to TD1 size MRTDs, Machine Readable Official Travel Documents



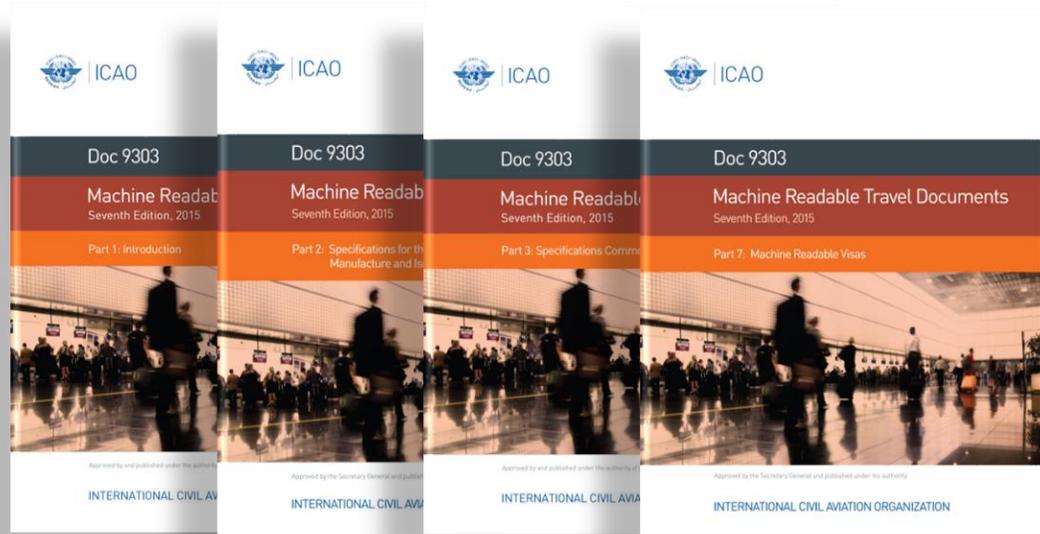
Part 9: The Deployment of Biometric Identification and Electronic Storage of Data in MRTDs

Part 10: Logical Data Structure for storage of Biometrics and Other Data in Contactless Integrated Circuit (IC)

Part 11: Security Mechanisms for MRTDs

Part 12: Public Key Infrastructure for Machine Readable Travel Documents

How to use – Issuing MRV



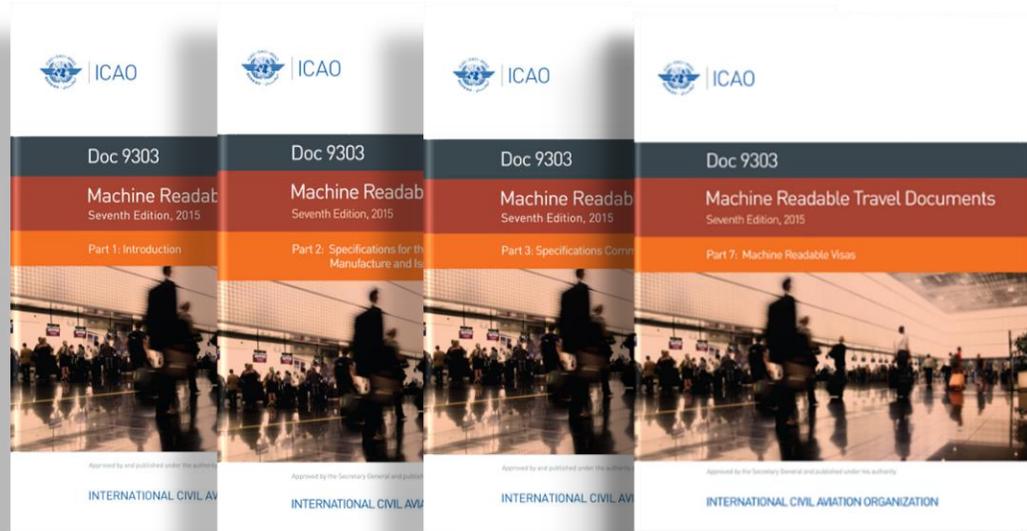
Part 1: Introduction

Part 2: Specifications for the Security of Design, Manufacture and Issuance of MRTDs

Part 3: Specifications common to all Machine Readable Travel Documents

Part 7: Machine Readable Visas

How to use – Issuing MRV with VDS

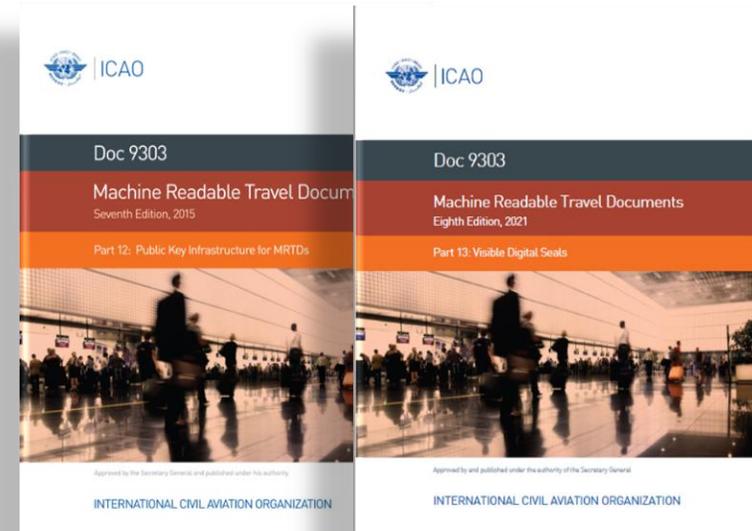


Part 1: Introduction

Part 2: Specifications for the Security of Design, Manufacture and Issuance of MRTDs

Part 3: Specifications common to all Machine Readable Travel Documents

Part 7: Machine Readable Visas



Part 12: Public Key Infrastructure for Machine Readable Travel Documents

Part 13: Visible Digital Seal

Structure of document

- Normative information – Mandatory

Any document claiming conformance to Doc 9303 MUST implement these specifications.

- Informative (Mostly in Appendices)

Either a guidance or could also refer to optional elements.

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Changes to Doc 9303

- Corrigenda – Correction of an error in the published document
- Amendment – A minor revision of the published document

Technical Reports

- New specifications developed after the publishing of a specific edition of Doc 9303
- Created by ISO, approved by NTWG and then endorsed by TAG.
- Once approved by NTWG and endorsed by TAG, it is published on ICAO website
- Considered to be part of the published version of Doc 9303 specifications

Next Edition of Doc 9303

- After a few technical reports are published, they are then incorporated directly into Doc 9303 to form the next edition.
- An editorial effort – **No new specifications are introduced during this process**
- On average, every 5 to 7 years – The technical reports are then retired in favour of the current edition of Doc 9303

Thank you!

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