



INTERNATIONAL CIVIL AVIATION ORGANIZATION



الهيئة العامة للطيران المدني
CIVIL AVIATION AUTHORITY

ICAO Regional Seminar on MRTDs, Biometrics and Border Security

دوندوة الايكاو الإقليمية عن وثائق السفر المقروءة آلياً، والأدوات البيومترية وأمن الحدود
الدوحة، قطر *

31 October - 2 November 2011, Doha, Qatar

٣١ أكتوبر إلى ٢ نوفمبر ٢٠١١



ICAO's Role in Setting Global MRTD Specifications and Overview of Document 9303

Mr. Mauricio Siciliano, MRTD Officer
ICAO MRTD Programme

Structure of Presentation

- MRTD Programme at a glance
- Mandate: the Chicago Convention and 37th ICAO Assembly Resolutions
- Structure of ICAO Document 9303 – Machine Readable Travel Docs
- Strategic Review: toward a new ICAO MRTD Strategy
- **Broadening** the MRTD programme
 - Evidence of Identity and related areas
 - Border controls and related areas
- **Deepening** the MRTD programme
 - Future SARPs
 - Assistance to States and capacity-building
 - Vocational training
- ICAO Leadership on MRTDs and eMRTDs

MRTD Programme

- Aimed at producing standardized and interoperable specifications for issuance and verification of travel documents
- Build confidence in the reliability of travel documents
- Effective inspection procedures
- Facilitating inspection formalities for the majority of travellers
- Last but not least: aiming at enhancing both security and facilitation

HOW WE GOT HERE

ICAO's mandate for standards
development:

The Convention on International
Civil Aviation

Assembly Resolutions

The Chicago Convention 1944

The main international legal instrument re: civil aviation and ICAO's role

☀ Provisions include requirements:

–Art 13: persons travelling by air and crews to comply with immigration, customs and passport regulations

–Art 22 & 23: States to facilitate border clearance formalities and prevent unnecessary delays – and to collaborate on these matters

–Art 37 (j): States to develop and adopt int'l standard procedures for immigration and customs clearance

☀ Creates ICAO's mandate and responsibilities regarding Standards and Specifications for MRTDs and eMRTDs

The Chicago Convention 1944

- Annex 9 – Facilitation
 - CHAPTER 1. General Principles
 - Information exchange and sharing
 - Develop effective information technology – increase efficiency
 - Develop procedures for pre-arrival lodgement of data - expedite
 - CHAPTER 3. Entry and departure of persons and their baggage
 - Documents required for travel
 - Security of travel documents
 - Travel documents – Doc 9303
 - Inspection of travel documents
 - Entry procedures – Transmission of data – API and PNR

ICAO 37th Assembly Resolution A36-15

- Requests the Council to ensure that its specifications and guidance material in Doc 9303 **remain up to date in the light of technological advances and to continue to explore technological solutions aimed at improving clearance procedures**
- Urges States to intensify their efforts to safeguard **the security and integrity of the breeder documentation**
- Requests the Council to take appropriate measures to establish **guidance on breeder documentation**

ICAO 37th Assembly Resolution A36-15 contd.

- Urges States to intensify their efforts to safeguard the security and integrity of their passports, to protect their passports against passport fraud, and to assist one another in these matters
- Urges States requiring assistance in implementing MRTD standards and specifications to contact ICAO without delay
- Requests the Council to continue working on enhancing the effectiveness of controls on passport fraud and developing guidance material to assist States in maintaining the security and integrity of their passports and other travel documents

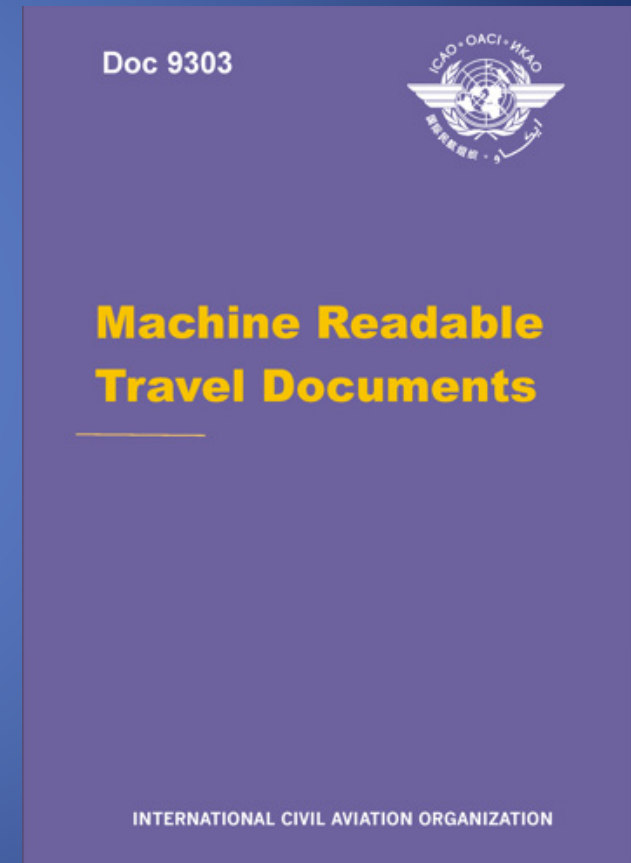
ICAO 37th Assembly Resolution A36-15 contd.

- Urges all States issuing ePassports **to join the ICAO PKD**; and all receiving States to verify the digital signatures
- Urges all States to provide routine and timely **submissions of lost and stolen passport data to Interpol's SLTD database**
- Urges States, in their **use of electronic data sharing systems**, to ensure that their passenger data requirements **conform to international standards** adopted by UN agencies

ICAO MRTD Programme at a glance

Doc 9303 – MRTDs specifications

- First edition 1980
 - now in 3 Parts
- Developed and maintained by the TAG/MRTD and Working Groups
- ISO References



Document 9303 Structure: 3 parts – in 5 volumes

Part 1 Passports

**Volume.1
MRP**

**Volume 2
eMRP w/
biometric
capability**

6th edition 2006

Part 2 Visa

3rd edition 2005

Part 3 ID cards

**Volume 1
MRTD**

**Volume 2
eMRTD w/
biometric
capability**

3rd edition 2008

Including Supplements (on the ICAO MRTD website)

ICAO MRTD standards and specs



Part 2 - Visa

Doc 9303

ISO : SC17 WG3

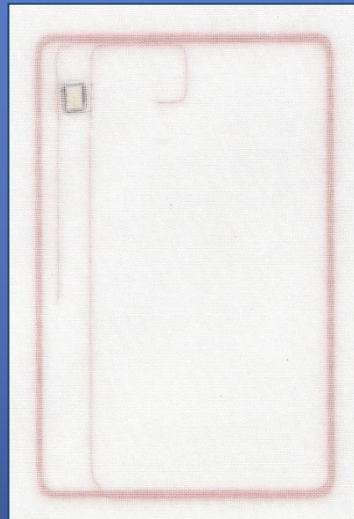
ISO/IEC 7501



Part 1 – Passport ePassport



Part 3 - Official Travel Document



Technical Advisory Group on MRTDs – TAG/MRTDs

TAG/MRTD

New Technology
Working Group

NTWG

Implementation & Capacity
Building Working Group

ICBWG

ICAO MRTD Programme Strategic Review

- Setting agenda for the future – formulating a new ICAO MRTD Strategy
- Reasons: how to enhance the relevance and benefits to States, our primary constituents
- Focus on enhancing both security and facilitation benefits
- A consultative process involving MRTD and border security stakeholders (States and their agencies, industry, the aviation community, experts, think tanks, the public, etc.)

MRTD Programme Strategic Review – CONTD.

- Initiated by the Chairs of TAG/MRTD and working groups in early 2011
- Draft Strategy expected by the end of 2011
- To link strategic MRTD objectives, resources, implementation modalities, institutional arrangements and performance management
- Further momentum – the High-Level ICAO Conference on Security (incl. exploring the role of travel documents, data sharing and border security in the broader context of a comprehensive aviation security vision)

Key considerations in developing a new ICAO MRTD Strategy

- How to make it relevant to the needs and expectations of stakeholders
- In practical terms – how to maximize security and facilitation benefits to respond to current and tomorrow’s challenges
- Two key aspects under consideration:
 - Broadening, and
 - Deepening

of the MRTD programme

- These considerations not “official” yet but part of the working and development process

Why considering broadening?

- **Strengths**
- **Mandatory standards**
- Solid and comprehensive specifications how to manufacture and personalise MRTDs
- Sustainable mechanism to maintain Doc 9303 current and integrate new technologies – TAG/MRTD NTWG
- **Challenges**
- Criminal focus shifting to lesser developed areas:
- Evidence of Identity
- Issuance process
- Travel document fraud
- Identity fraud at the border
- **Unless addressed, weakens the core MRTD programme!**

Broadening the MRTD Programme

Scope: 3 pillars

Evidence of Identity issues

- Breeder documents
- Civil registries
- Integrity of the issuance process
- Preventing irregularities in issuance

Manufacturing and personalisation of MRTDs and eMRTDs

Doc 9303

The core programme

Border control issues

- Document inspection at the borders
- Combating travel document fraud
- Data sharing
- New technologies for border controls and border security

Deepening the MRTD Programme

Main directions being considered:

- Developing new SARPs related to MRTDs and border controls
- Providing assistance to States and capacity-building (ICBWG and ICAO TCB)
- Vocational training under development:
 - Management of TD issuance processes
 - Travel document security verification
 - ICAO PKD

WHAT ELSE DO WE DO

Assistance, Development,
Implementation, Capacity Building

Implementation of MRTDs depends on:

- Access to the necessary expertise
- Access to adequate, necessary and functional equipment for edition, organization and implementation of MRTDs
- Capacity of manpower of States to operate equipment, training and maintain this capacity
- Management of the stakeholders and the process-associated risks

ICAO Assistance and Technical Cooperation

- Mobilize resources
- For a single country or a sub-region
- ICAO and requiring State assess the needs
- Identification of experts, trainers
- Identification of suitable donors

Benefits for States

- UN agency establishes standards and specifications
- Identify expertise and technology
- Long and proven experienced Technical Cooperation Bureau
- Compliance with Annex 9 and Doc 9303
- Neutrality, objectivity and transparency
- Ensure use of convenient, updated information and technology
- Cost-effective, involvement of recipient State

Benefits for States

- Regional and sub-regional arrangements
- ICAO advantages in procurement
- ICAO coordinates with donors and funding organizations
- Convenient funding modalities

Benefits for States

- ✱ ICAO is accountable for results of project under its responsibility
- ✱ Special attention will be given to full coordination other AVSEC or National Security projects and requirements

WHAT CAN WE DO

International cooperation to advance
implementation of the Standards
Regional and International Partners

ICAO Leadership on MRTDs

- Standards, specifications and best practices
 - Mandatory, global, current, relevant, encompassing
- Provide the basis and essence to create credible and successful international and regional programmes on travel document security - ICAO is the key expert partner before constituents and Donor States
 - INTERPOL, OSCE, OAS CICTE, IOM, ICMPD
- Support and Assistance on Implementation and Capacity Building
 - Coordinating mechanism - ICBWG

WINNERS: States and their citizens

- Better systems for securing borders against illegal migration, transborder crime, terrorism.
- Better systems for securing nations against fraud.
- Facilitating travel

ICAO MRTD Team

THANK YOU!

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