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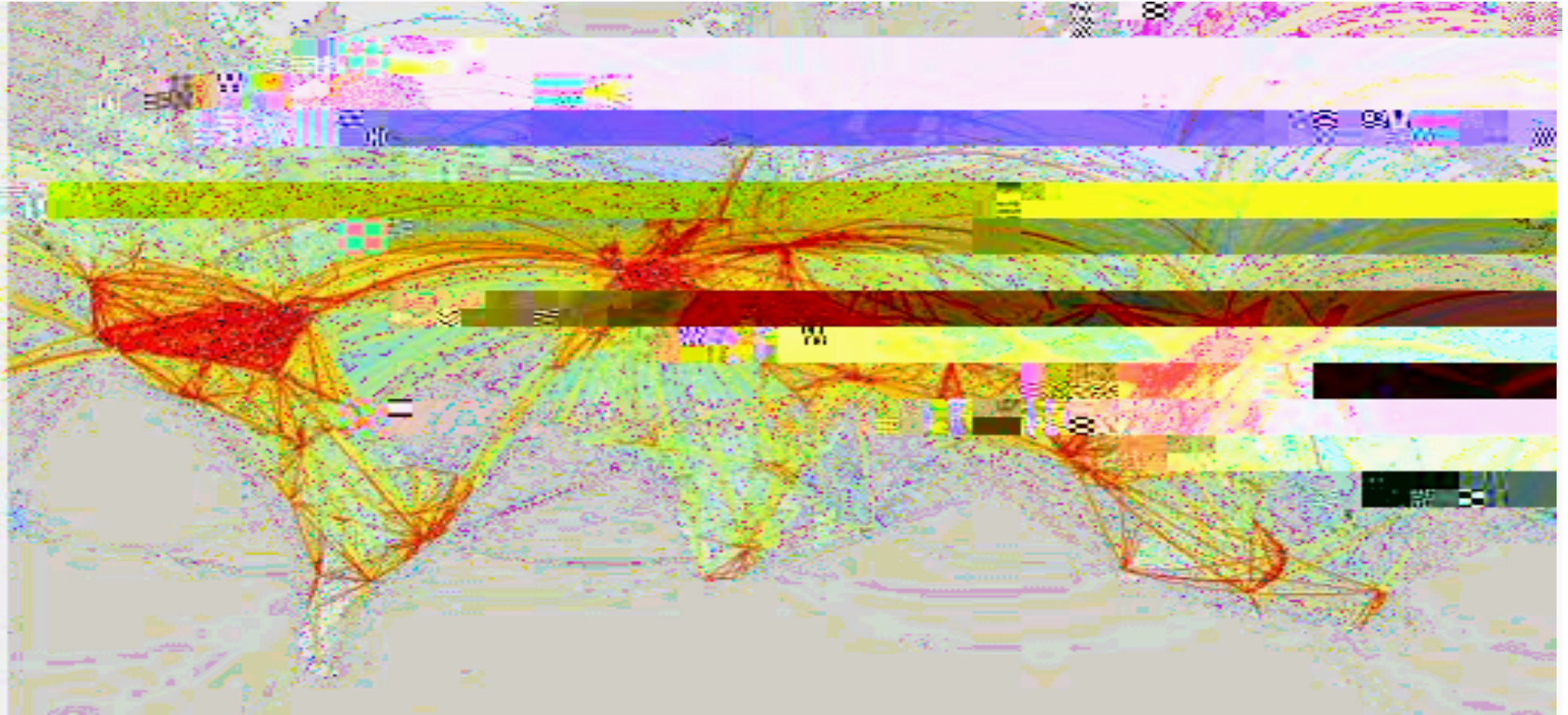
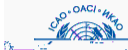
## Session III (b): Working Group on International Law Enforcement Cooperation

**Boubacar Djibo**

Director, Air Transport Bureau, International Civil Aviation Organization (ICAO)

CTED, "Enhancing International Cooperation in Countering Terrorism"

20 June 2017





3.5 billion passengers

51 million tonnes of freight

Over 1 400 scheduled airlines

More than 27 000 aircraft

More than 4 130 airports

173 air navigation centres

40 millions flights

.. and in 2030

6.6 billion  
passengers

- The Strategic Objective: Security and Facilitation reflects the need for ICAO's leadership in aviation security, facilitation and related border security matters





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# ICAO mandate for the 3 Facilitation programmes





# Benefits of TRIP

- Worldwide confidence in authentic identity documents
- Protection from identity theft
- Use of machine assisted systems
- Shorter lines

## SECURITY

### *Detect and Prevent...*

- Entry of terrorists and criminals
- Attacks and attempted attacks
- Use of crafts/vehicles, weapons
- Movement of weapons/explosives
- Criminal activity (especially when used to fund terrorism)
- Child abduction
- Human trafficking
- Illegal immigration

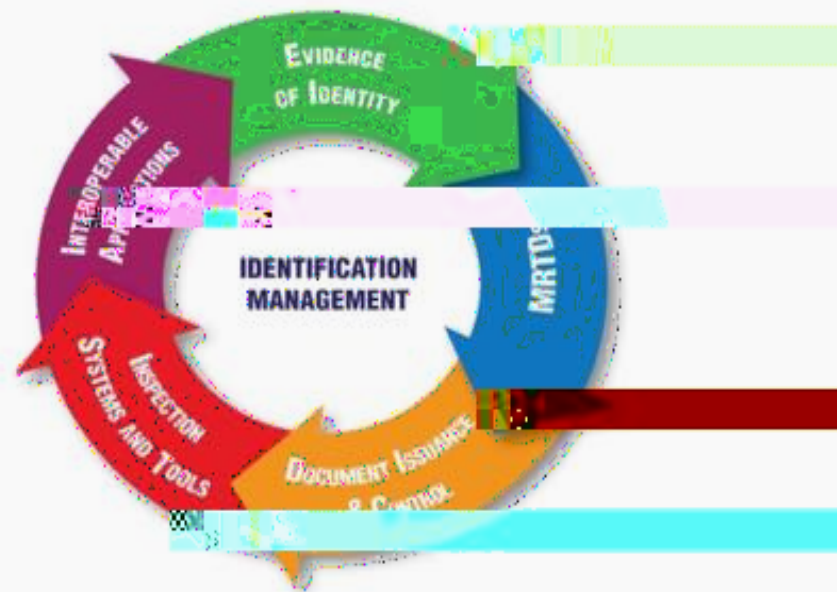
## FACILITATION

### *Support and Expedite...*

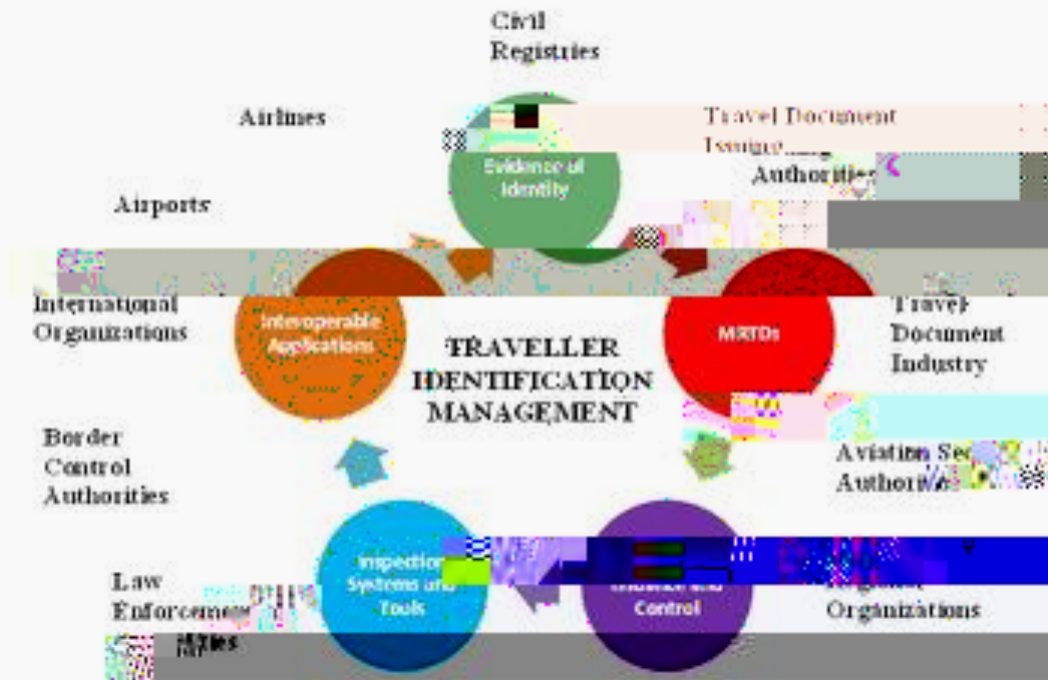
- Domestic and international travel
- Tourism
- Imports/exports and domestic trade
- Immigration/migration
- Treaty commitments and human rights — refugees, stateless persons, children
- Emergency response — identification of victims and survivors
- Crime detection — tracking of suspicious persons and behaviour

# Traveller identification (TRIP) strategy

- Holistic approach to

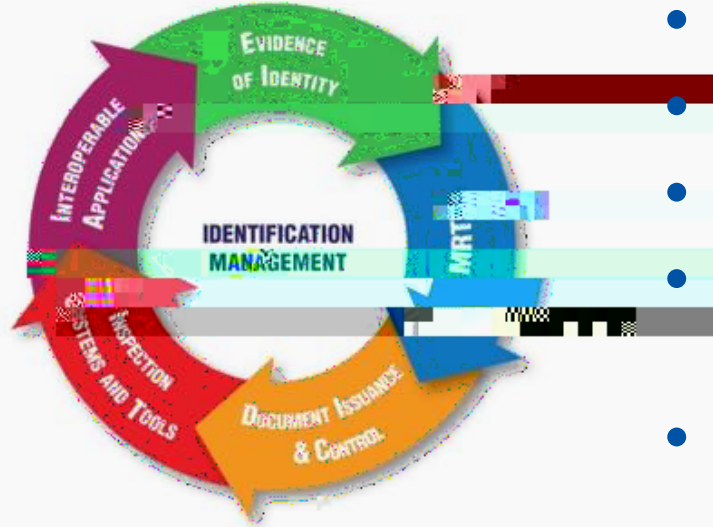


# Holistic approach to identification management



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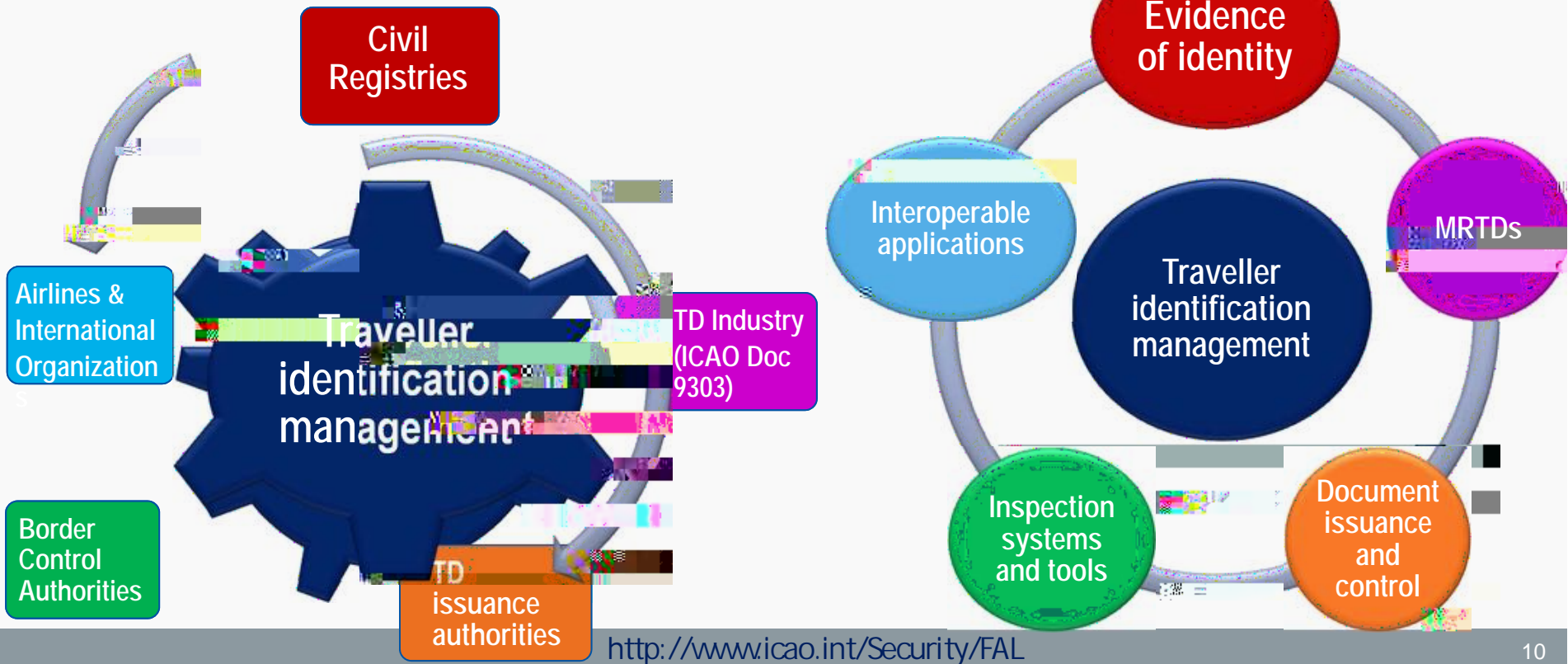




- **MTRD**
- API
- PNR
- PKD
- “Watch lists” Bilateral and multilateral exchanges
- “Trusted” or “expedited” travellers
- INTERPOL Data Bases



# ICAO TRIP Strategy: elements and actors



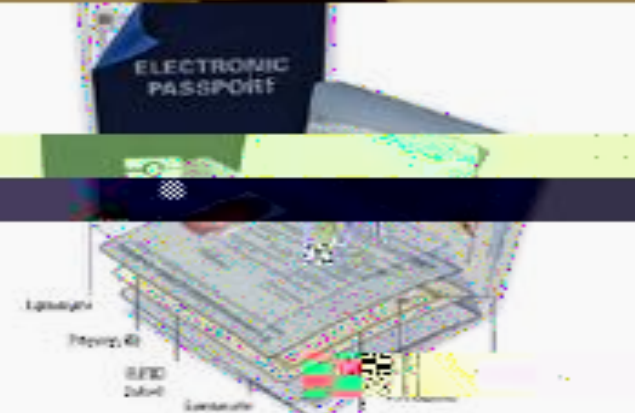


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# What is Facilitation?







Doc 9303

# Machine Readable Travel Documents

Seventh Edition

Part 1: Introduction



Published by the International Civil Aviation Organization

INTERNATIONAL CIVIL AVIATION ORGANIZATION

http://www.icao.int/Security/mrtd/Pages/Document9303.aspx



Part 2 Visa

## Doc 9303

ISO : SC17 WG3

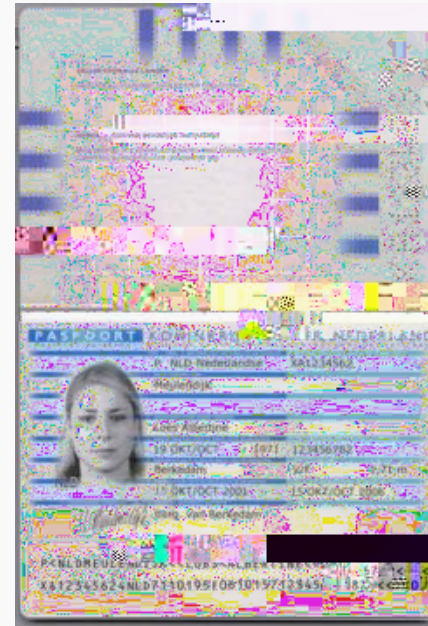
ISO/IEC 7501



Part 3 Official  
Travel Document



Contactless Chip



Part 1 – Passport  
ePassport



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# Passports Data page layout









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## From MRTDs to ICAO TRIP Strategy:

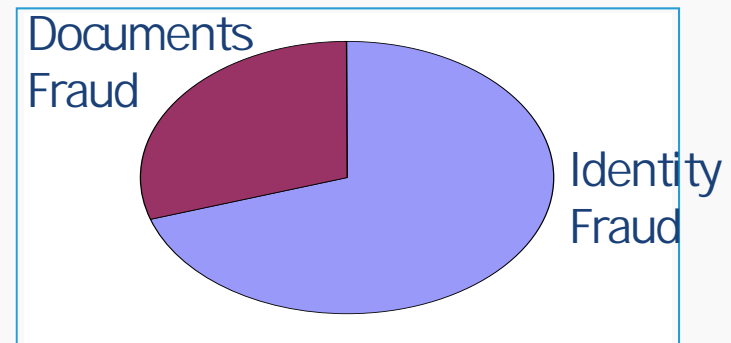
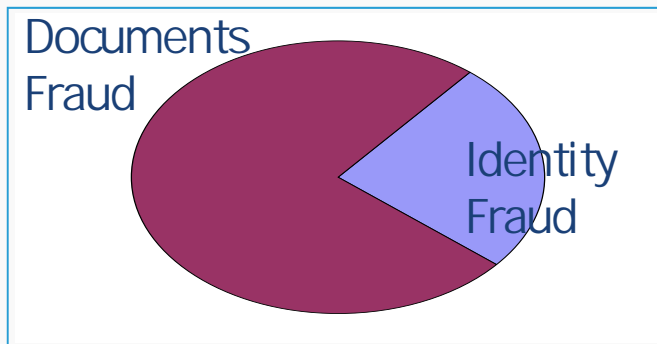
**2006**

Changes in Fraudulent methods

**2009**

- Identity Fraud= 31%
- Documents Fraud= 54%
- Others = 15%\*

- Identity Fraud = 71%
- Documents Fraud = 29%



\*Intergraph Study, 2010

**Current threat: Identity fraud**



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# Identification Management

- 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 and global trust!



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# API system overview

An electronic communications system whereby required data elements are collected and transmitted to border control agencies at the arrival prior to flight departure or arrival and made available on the primary line at the airport of entry.

Collected: Available in Departure Control Systems: flight "open" for check in (48hrs)



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# Why do States want API?

Improve **clearance** at border controls

Combat **illegal migration**

Identify passengers who are a **known** immigration or security **threat**

More **effective allocation** of border control and law enforcement **resources**



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## UNSC Resolutions 2178 (2014) and 2309 (2016)

- “Reaffirms that all States shall prevent the movement of terrorists or terrorist groups by effective border controls and controls on issuance of identity papers and travel documents, and through measures for



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# API



API





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WORLDWIDE AIR TRANSPORT ASSOCIATION



**GUIDE**  
**ON**  
**ADVANCE PASSENGER INFORMATION**  
**(API)**

**WCO/IATA/ICAO**

**2014**



UN SEC  
RES  
2178



Paragraph 9:  
" ..Calls  
upon...API..."



UN Council Presidential  
Statement:  
" ..strongly  
encourages...urges"



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## Passenger Name Record (PNR): standardization and support

3.47.1: States & Operators: provide 24/7 support

3.47.2: When requiring PNR data, States should consider the adoption and implementation of the PNRGOV message as a method of transferral of PNR data.

Note: The PNRGOV message is a standard electronic message endorsed jointly by WCO/ICAO/IATA . . .



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A central storage location, highly secure where States and other entities can input and retrieve the security information to validate the electronic information on the passport.





## The Role of The PKD

Minimizing the volume of certificate exchange:

Document Signer Certificates (DSCs)

Certificate Revocation Lists (CRLs)

Country Signing Certificate Authority (CSCA) Master List

Ensuring timely uploads

Managing adherence to technical standards

Facilitating the validation process



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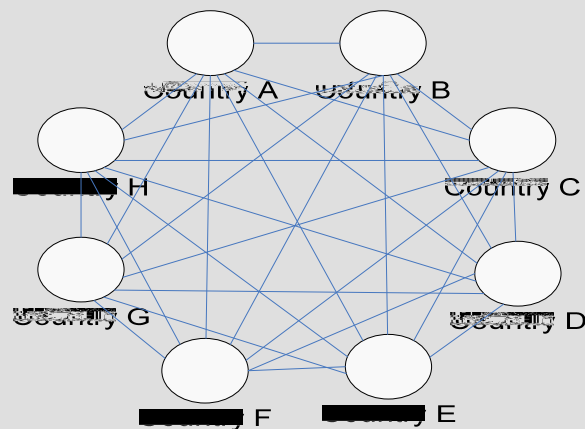
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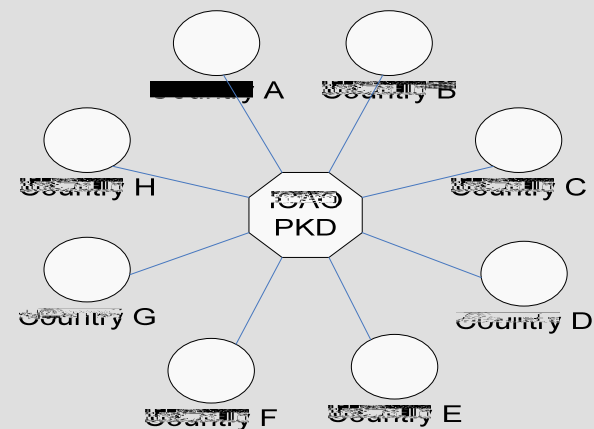
# ICAO PKD acts as a Central Broker

## Distribution of Certificates

via bilateral Exchange



via ICAO PKD



This example shows 8 States/non States requiring 56 bilateral exchanges (left) or 2 exchanges





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# Public Key Infrastructure (PKI): major role in eMRTD security

## Operational View

[ePassport Inspection \(Manual or Automated\)](#)







# Public Key Infrastructure (PKI)

- PKI plays major role in eMRTD security
  - Technology supporting political trust decisions
- National PKI deployment
  - Must be reliable, secure, ICAO 9303 compliant
- International Trust
  - Initial trust establishment out of band
  - Compliant electronic processing extends trust
  - Certificates of States must be accessible (PKD/websites)
- Benefits of PKI realized ONLY if issuing and receiving ICAO member states participate



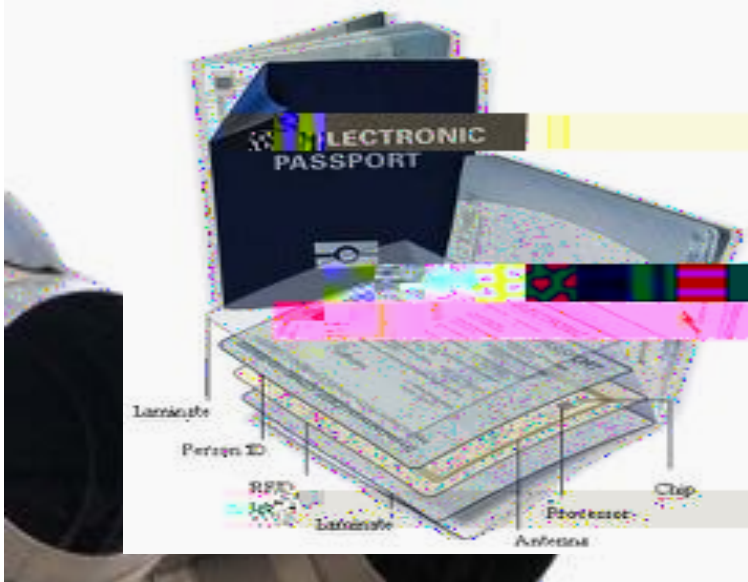
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# ePassport

- Enhance Security of the document
- Biometrics to confirm identity





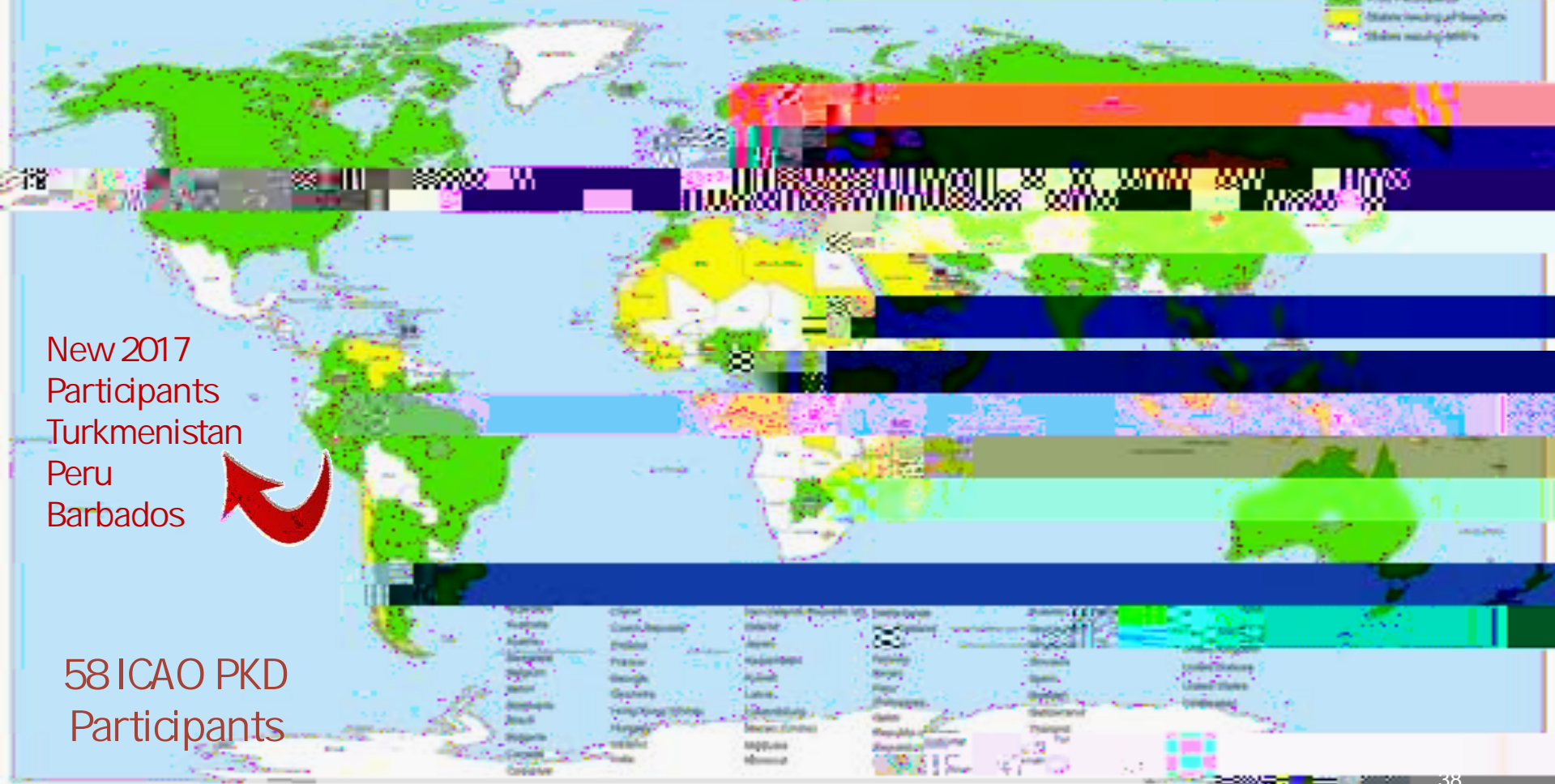
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# 58 PKD Participants and Passports Issuing States



New 2017  
Participants  
Turkmenistan  
Peru  
Barbados



58 ICAO PKD  
Participants



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Enhances the security of the ePassport validation process



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Over 120 States indicate that they are currently issuing ePassports (nearly half a billion ePassports in circulation world wide)

States are required to undertake a complex process to ensure that the data chip in ePassports is fully compliant with ICAO Doc 9303 specifications

ICAO and the International Organization for Standardization (ISO) are in the process of implementing a mechanism to make error codes available at each





S1



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# Regional Initiatives



ECOWAS  
CEDEAO

European Union

S1

why two slides on regional initiatives???

Susan, 14/05/2014



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# Regional Initiatives





- The new UN e-LP
- Joint TC project between UN and ICAO
- Specs designed by ICAO MRTD experts



### **Canada was the first Member State to fund technical projects to assist States in implementing the ICAO TRIP Strategy:**

- Strengthening Travel Document Security and Border Control in Central America (2011-2014)
- Strengthening Travel Document Security and Identification Management in the Sahel and neighboring States (2014-2016)
- Strengthening border controls in the Caribbean Region (2016-2018)





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# Forthcoming Event

13<sup>th</sup> TRIP (ex-MRTD) Symposium 2017 (24 – 26 October 2017)



The Symposium is a world class forum for the exchange of information on all aspects of traveller identification management, and the ICAO Traveller Identification Programme (TRIP) Strategy providing decision makers and technical experts with valuable insight on key current and emerging issues.







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# ICAO Publications of interest (Annex 9 related)





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# ICAO Publications of interest (TRIP related)

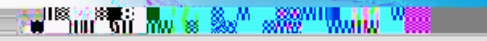


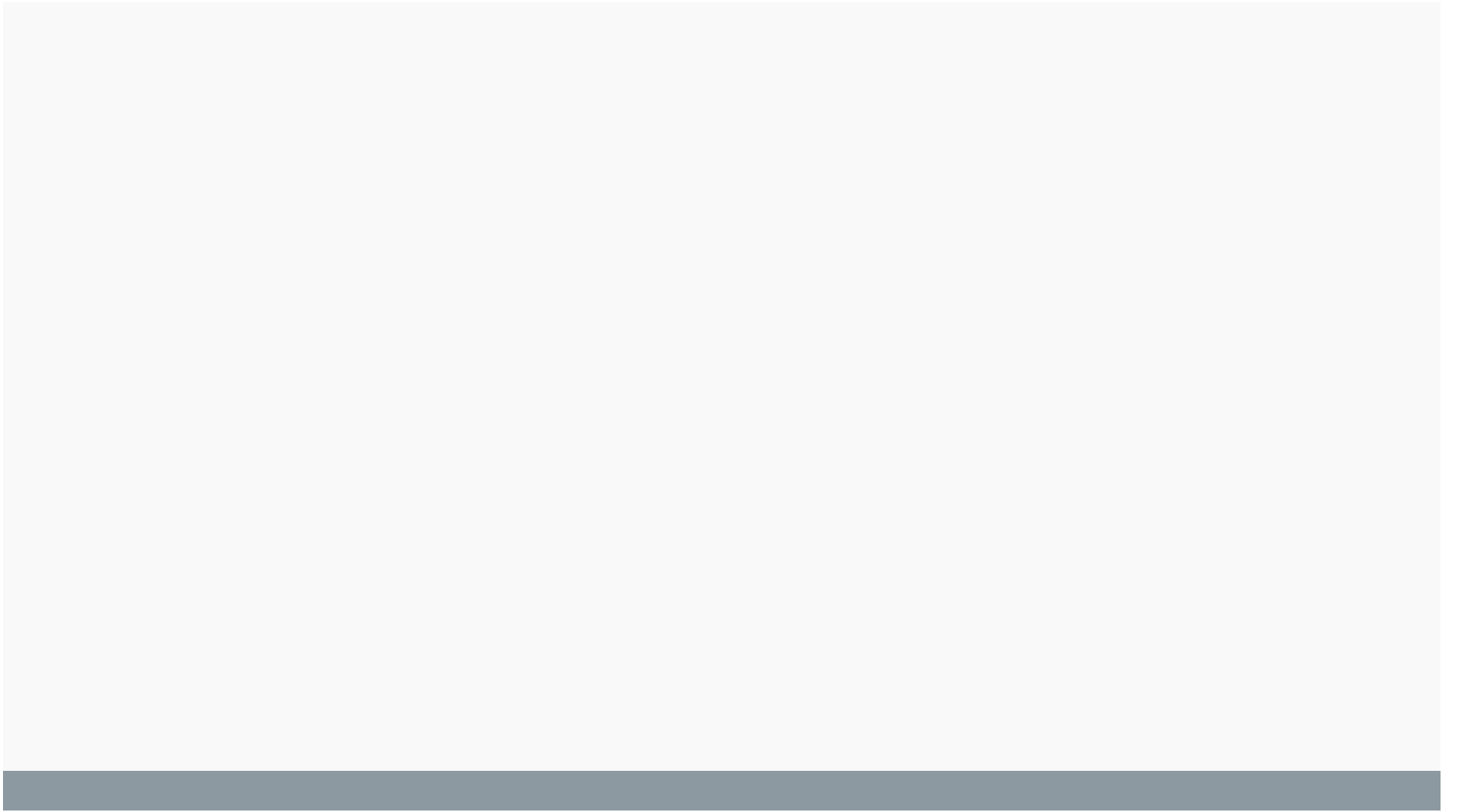


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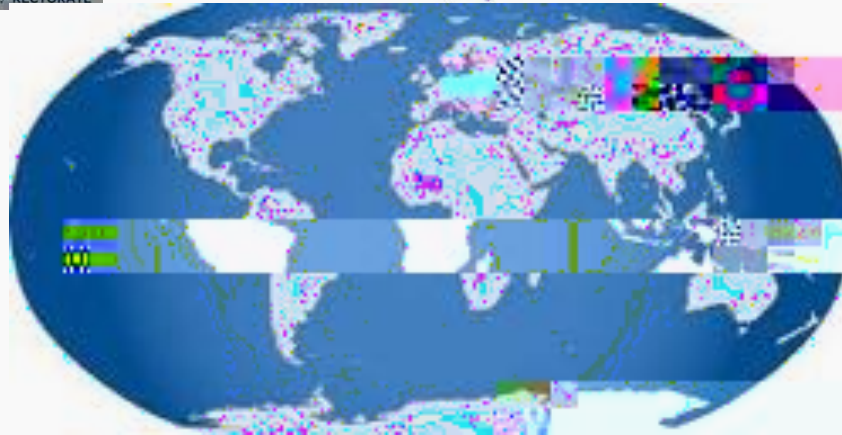
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# International cooperation: key for successful implementation



CTED

UNITED NATIONS SECURITY COUNCIL  
COUNTER-TERRORISM COMMITTEE  
EXECUTIVE DIRECTORATE



WFP GROUP



