



| ICAO

TRIP 2022

SEAMLESS AND CONTACTLESS

Sharing data to accelerate the recovery

13 - 15 SEPTEMBER 2022

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Convenor ISO/IEC JTC1/SC17 WG3

Traveller Identification



ICAO

TRIP2022



ICAO Doc 9303



What is 9303?



Specification

- Doc 9303 consists of 13 parts, specifying Machine Readable Travel Documents (MRTD) in multiple form factors
- Doc 9303 covers the full range of requirements for efficient and interoperable civil aviation operations (border control)

Partnership between ICAO-ISO

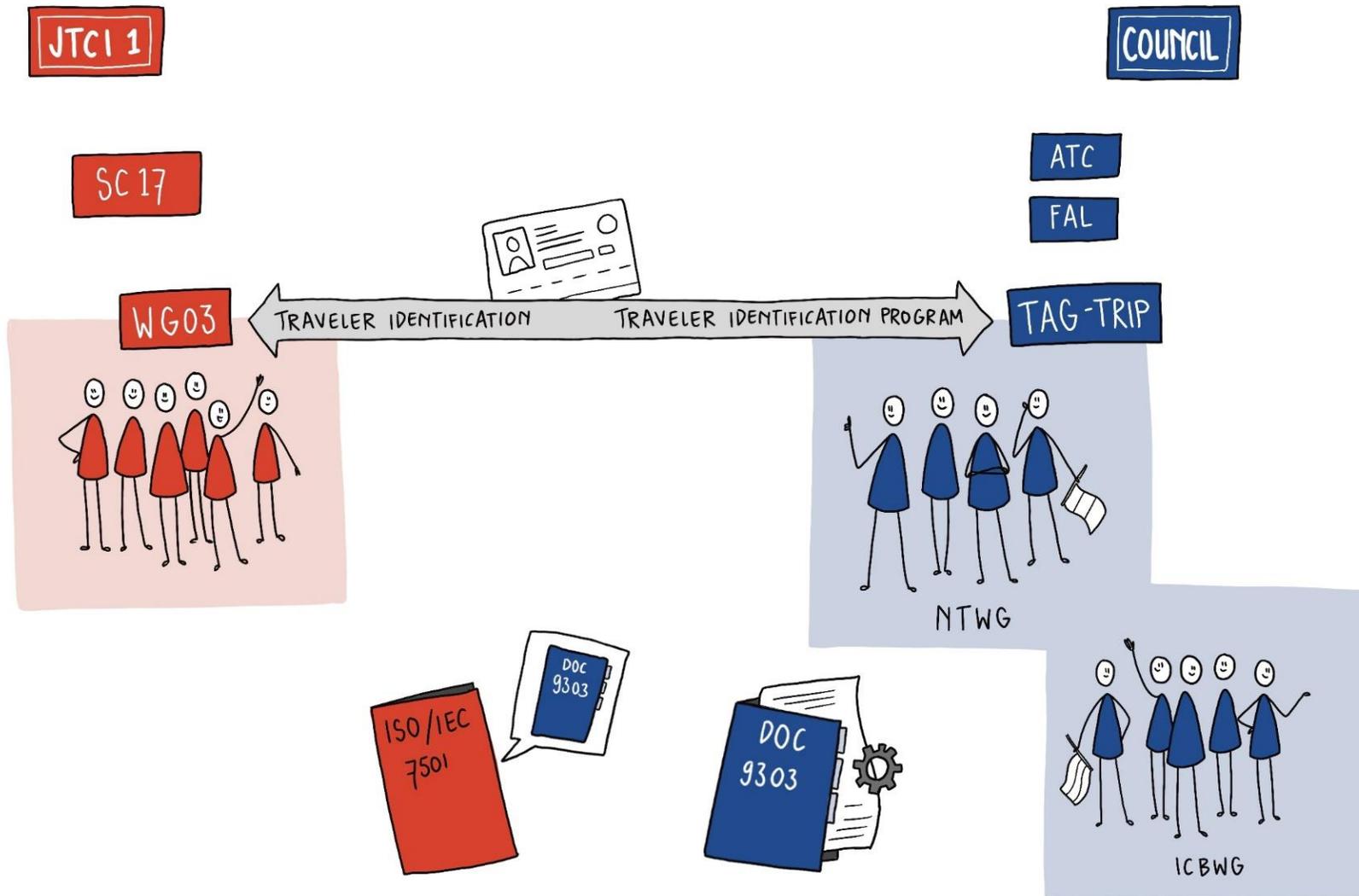
- Working group *SC 17 WG 3 Traveller Identification* provides the liaison with ICAO for the maintenance of ICAO Doc 9303
- Technical expert representatives participate in the ICAO Working Group meetings (NTWG, ICBWG) held to address the development and maintenance of the technical specifications contained in ICAO Doc 9303.

Parts of 9303

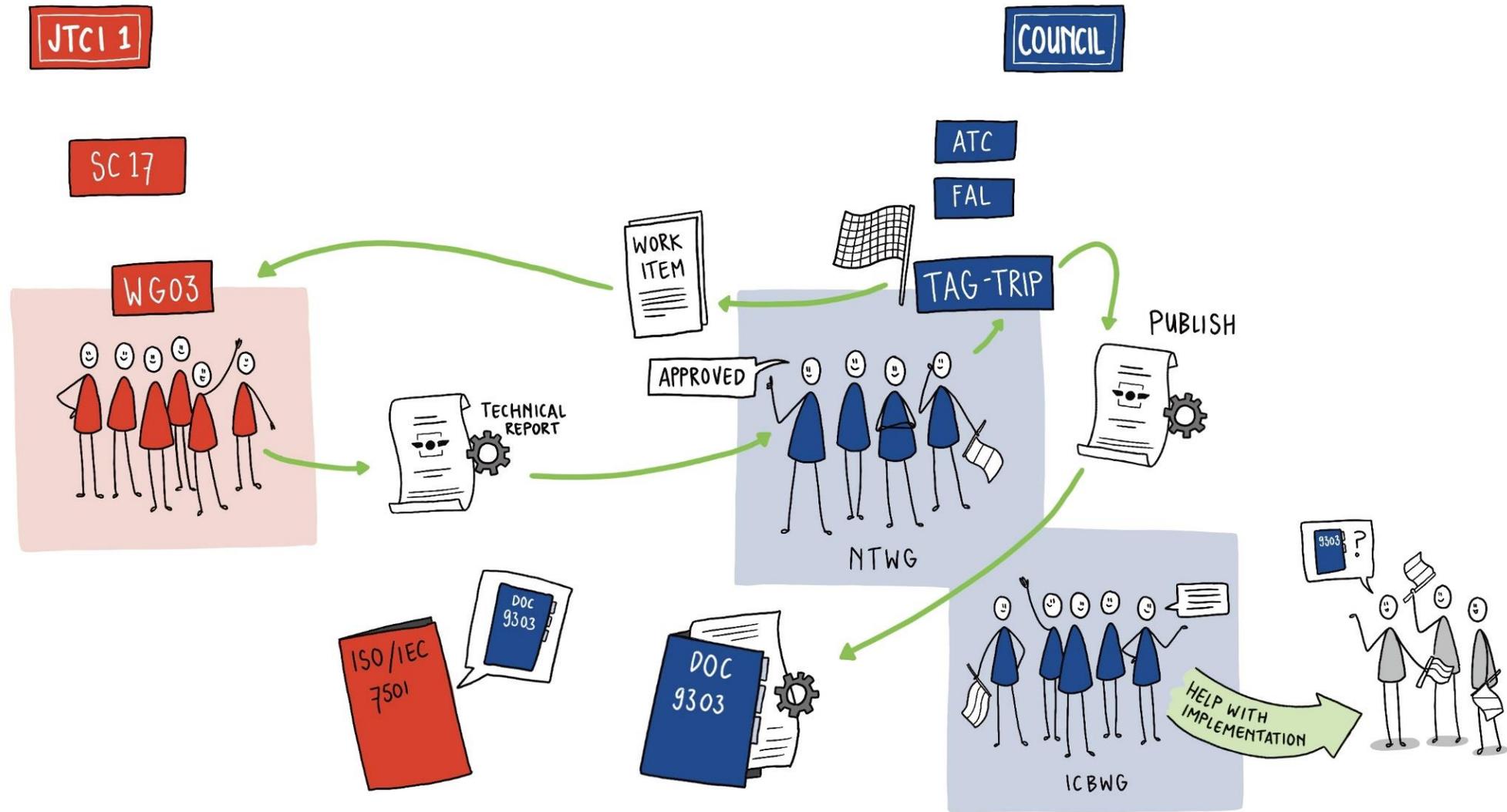
- Part 1: Introduction
- Part 2: Specifications for the Security of the Design, Manufacture and Issuance of MRTDs
- Part 3: Specifications Common to all MRTDs
- Part 4: Specifications for **Machine Readable Passports** (MRPs) and other TD3 Size MRTDs
- Part 5: Specifications for TD1 Size Machine Readable Official Travel Documents (MROTDs)
- Part 6: Specifications for TD2 Size Machine Readable Official Travel Documents (MROTDs)
- Part 7: Machine Readable Visas
- Part 8: Emergency Travel Documents
- Part 9: Deployment of Biometric Identification and Electronic Storage of Data in eMRTDs
- Part 10: **Logical Data Structure** (LDS) for Storage of Biometrics and Other Data in the Contactless Integrated Circuit (IC)
- Part 11: **Security Mechanisms for MRTDs**
- Part 12: **Public Key Infrastructure for MRTDs**
- Part 13: **Visible Digital Seals**



Partnership ICAO – ISO - TRIP



From Work Item to 9303





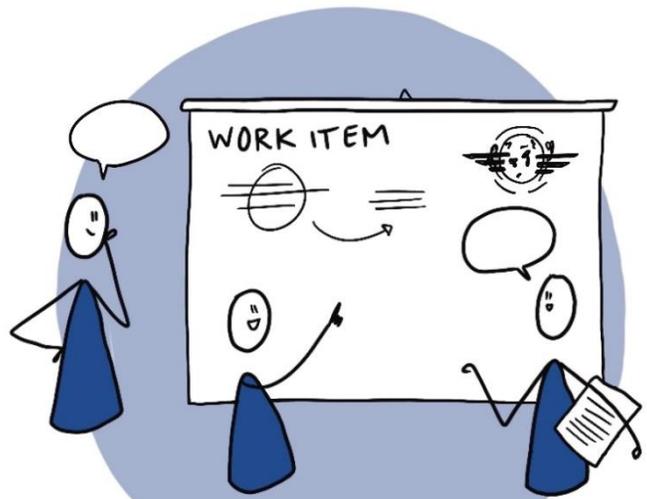
ICAO-ISO Scope of Work

Work Items

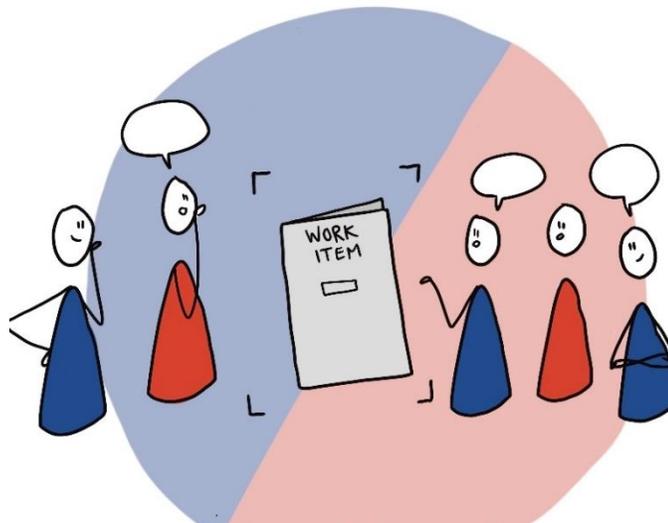
Focusing on work within the 5 Elements of Identification Management

1. Evidence of identity
2. MRTDs
3. Document Issuance & Control
4. Inspection Systems and Tools
5. Interoperable Applications

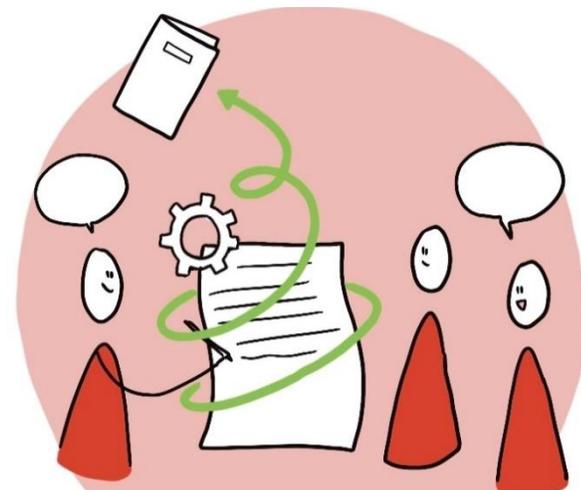
Working Process ICAO - ISO



WORK ITEM PROPOSAL
BY TAG



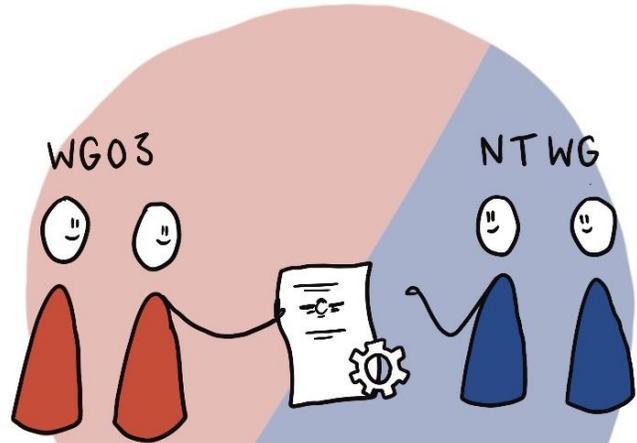
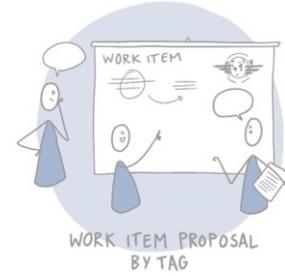
DISCUSSION WITH
POLICY SUBGROUP



EDITORS WORKING
ON THE ITEM



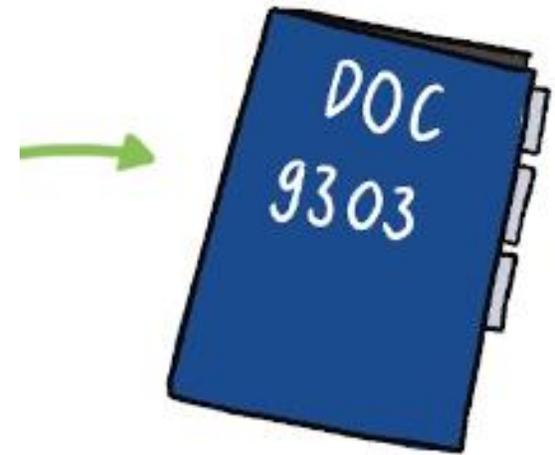
Working Process ICAO - ISO



CANDIDATE VERSION OF TECHNICAL REPORT DRAFT TO NTWG



INCORPORATION OF TECHNICAL REPORT IN 9303



ICAO 9303 8th Edition, 2021

What's new?

ICAO website:

[Doc Series \(icao.int\)](https://www.icao.int/docseries/)



LDS2 – updated data structure, specifying:

- Travel records
- VISA information



Machine Authentication, adding:

- Recommendation for document verification
- Best practises for machine authentication



Visible Digital Seal (VDS), adding

- Bar code specification
- Worked examples (VISA)



Portrait Quality, adding

- Best practice recommendation portrait capturing

Work Item highlights



Work items in progress

1. Digital Travel Credential (DTC-PC)
2. Conformity test to ICAO Doc 9303 8th edition
3. Transition from ISO19794 to ISO39794
 - image data format transition in Doc 9303

Candidates for 9th edition

1. Digital Travel Credential (DTC-VC)

Candidate Work Items

1. Health Proof (certificate of exemption)
2. ePassport Roadmap
3. New design of ID1 cards (larger portrait)



Thank You

