Machine Readable Travel Document Standards

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Who is ICAO?

- UN Organization
- Responsible for standards for Machine-Readable Travel Documents
  - Passports
  - Visas
  - National Identity Documents used for cross border travel
ICAO – ISO Relationship

- Principle ICAO committee – New Technologies Working Group (NTWG) publishes ICAO 9303
- ISO liaison committee
  - ISO JTC1/SC17/WG3
  - Provides technical assistance to NTWG
Key Specifications

- ICAO Document 9303
  - Part 1 - Passports
  - Part 2 - Visas
  - Part 3 - Size 1 and Size 2 Machine Readable Official Travel Documents
Key Specifications

Technical Reports

- Logical Data Structure
- PKI for Machine Readable Travel Documents offering ICC read-only access
- Biometrics Deployment in Machine Readable Travel Documents
- Minimum Security Standards
Status of Specifications

Logical Data Structure

- Essentially stable for past 3 + years
- Editorial changes in October and January
  - Contactless IC only
  - Biometric template interoperability
  - PKI requirements
  - Editorial changes
Status of Specifications

PKI Requirements

- Mandatory
  - Static digital signatures for implemented data groups
  - Write protection of issuer data

- Optional
  - Dynamic document authentication
  - Read device authentication

ICAO Public Key Directory

- Document Signing CA Certificates
- Certificate Revocation Lists
Questions?