The German Asylum Seeker Certificate - applying ICAO standards to urgent needs

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Strengthening Aviation Security through Improved Traveller Identification
Overview of the project

- As proof of an successful registration a harmonized “Ankunftsnachweis” will be issued to all asylum seekers arriving in D.
- The issuance takes place in the first registration office the asylum seeker encounters and started January 2016.
- The Asylum Seeker Certificate is the sole condition for welfare benefits. It is not an identity document nor the grant or proof for asylum.
- Project:
  - Principal: Federal Ministry of the Interior
  - Contractor: Bundesdruckerei GmbH
  - Physical documents: 2 million printed
  - Systems: 1.500 (800 Länder, 700 Federal)
  - Roll-out: 15.02.2016 until summer 2016
  - System modifications and support: 15.02.2016 until 31.12.2018
Elements of the integrated identity management system

**First time registration**

Individual and unique registration of all incoming refugees at the first POC based on biometrics

**Asylum seeker document**

Decentral issuance of secure, paper based

**Core data system**

Central storage of all enrolled identities and providing data for BAMF, BVA, BA and Security Agencies as well as municipalities

**Milestones 2016**

- **End January**
  - Pilot registration and print of document

- **Mid February**
  - Overall roll out, start in Berlin, Saarland and Mecklenburg-Vorpommern

- **February**
  - Providing interface for data retrieval from Länder systems

- **Summer 2016**
  - Ankunftsachweis completely rolled out

[Source: based on BAMF]
The challenge and ICAO TRIP solutions applied

- Fast and “inexpensive” but still secure solution needed → non-electronic paper document according to ICAO minimum security requirements [ICAO Doc 9303, 7th Edition 2015, Part 2]
- Machine readability required → MRZ according to [ICAO Doc 9303, 7th Edition 2015, Part 5]
- Machine authentication of issuance required → Visible Digital Seal according to [ICAO TR Visible Digital Seal for Non-Electronic Documents]
The Asylum Seeker Certificate is a paper based secure document in compliance with EU and ICAO minimum security standards:

- Secure substrate with watermark and melier fibres
- Security printing containing guilloche patterns & micro text
- UV luminescent guilloches and overprint
- Copy protection by a Kinegram®
- Letterpress numbering
- Secure personalisation by inkjet technology
- Authentication of issuance by Visible Digital Seal acc. ICAO TR
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The 2D Barcode contains:

- MRZ as plain text
- Digital signature of the MRZ
- Registration number (AZR-Nummer)
The digital seal can be used for:

- Scanning and opening the data file (offline)
- Scanning and input of biographical data (offline)
- Verification of signature (online and offline)

Verification via:

- Smartphone app
- Doc reader
- Barcode scanner

[Source: Bundesdruckerei]
Visible Digital Seal acc. to ICAO TR: Verification by full-page reader
Outlook: The next EU Visa may use the Visible Digital Seal as well (not decided yet)
Contact Details

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