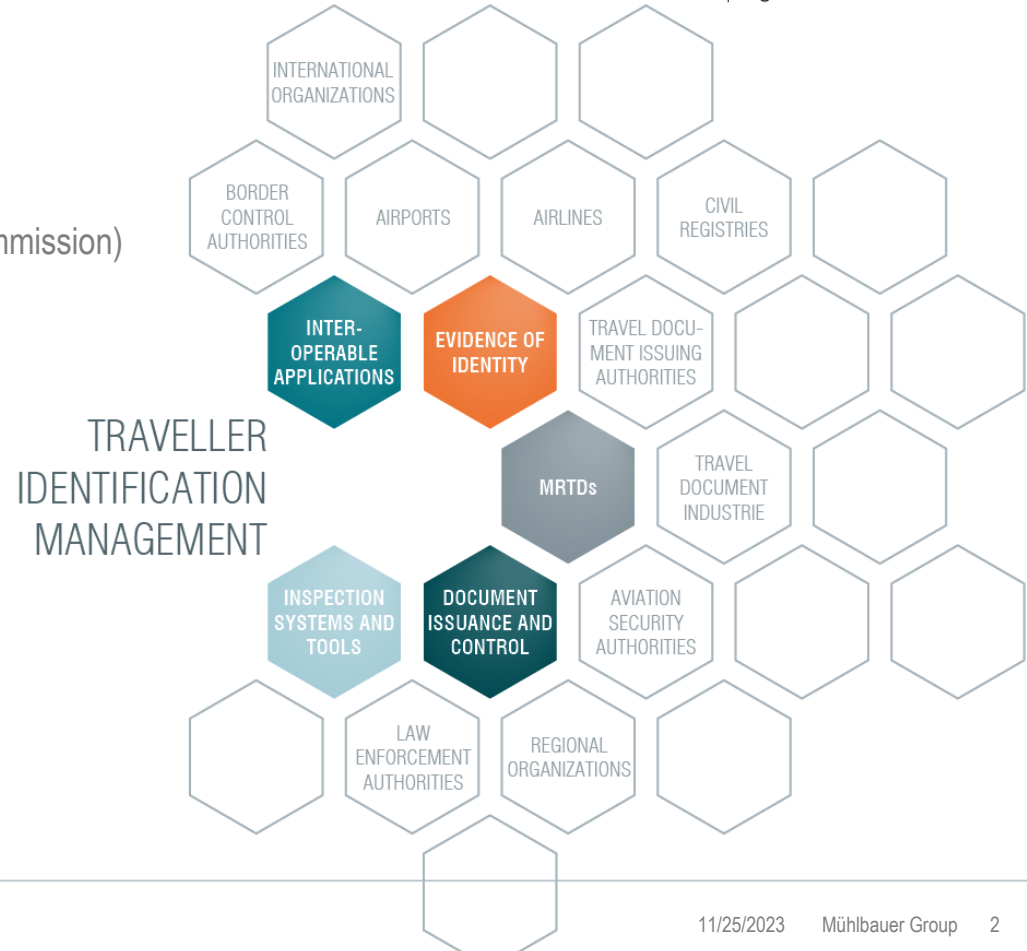


IDENTITY DOCUMENTS – NEW DEVELOPMENT TRENDS

Smart eGovernment Conference, 23 November 2023



- ICAO (International Civil Aviation Organization)
 - Traveler Identification Program Strategy
- ISO / IEC (International Organization for Standardization / International Electrotechnical Commission)



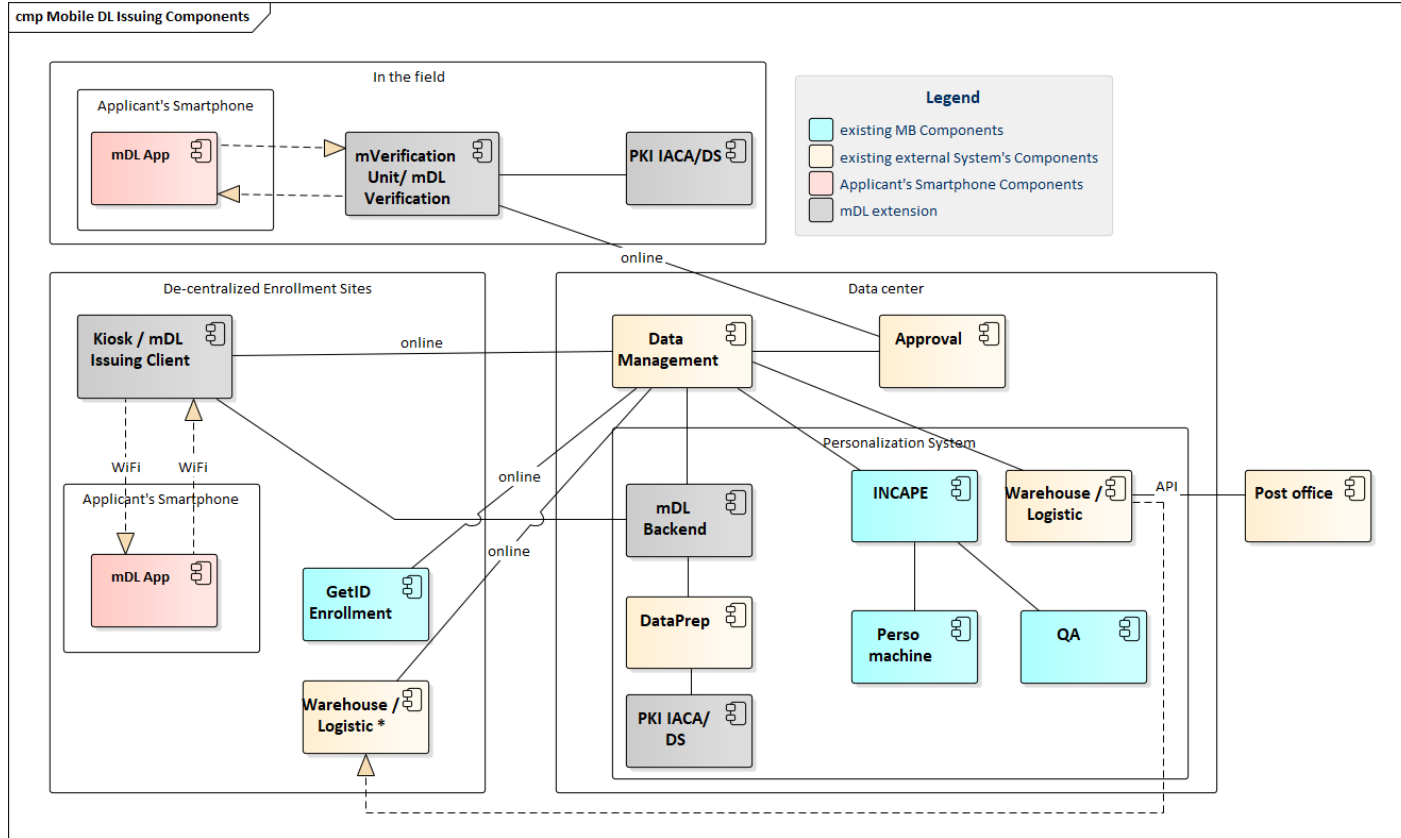
- mobileID, mobileDL
- Available on PlayStore and AppStore
- Follow the ISO 18013-5;
 - Data structures
 - Communication protocols



SECURITY MEASURES AND PROTOCOLS

- Data to be digital signed by issuing authority
- Current market of mobileDLs is the United States of America
- Legal framework to be in place





DOCUMENT HOLDERS

- refers to utilization, access control, privacy, selective information sharing
- optional for the document owner

ISSUERS

- refers to standardized utilization, management and fines / restrictions control, reduced costs and risk of reproduction, better assistant in lost / stolen DL
- produce revenue with mainly single investment

VERIFIERS

- refers to process reliability, reduced privacy-violation risks, better QC by eliminating the human factor during issuing
- reduce identity frauds and risk of use expired / invalid DL



- Current status – launching DTC Type 1
- Policies - ICAO, ISO & NIST (National Industry of Standards and Technology) as the roof framework organizations are responsible that multiple more standardizations will be considered



- Airline's challenges with non-standardized Visas
- eVisa current status
- DTA conceptualization scope and benefits

eVisa Printout Verification

CHALLENGES

- Lack of verifiable security feature
- No harmonization of display, barcodes not interoperable
- Carrier's liability with Doc Check
- Checking website > Not supported
- Time-sensitive Check-In Process
- No automation or digitalization of Doc Check possible

SOLUTIONS

- Interactive Advance passenger Information (iAPI)
- ICAO Digital Travel Authorization (DTA)
- Common Objectives
- IATA
 - Similar Data fields
 - Secure element: digitally signed barcode
 - Harmonized display

Digital Travel Authorization	Issued By: IFO	Version: 1	DTA Number: M156728
PERSONAL INFORMATION			
Name of the Holder: Anna Maria Eriksson	Date of Birth: 1982-03-11	Nationality: USA	Sex: F
Passport Number: L098801C			
DIGITAL TRAVEL AUTHORIZATION			
Place of Issue: PeaceTown	Valid From: 2021-06-08	Valid Until: 2026-06-08	
Duration of Stay: 5 years, 0 months, 0 days	Number of Entries: Multiple	Type/Class/Category: Tourist	
Additional Information: Employment Prohibited			
			



The Image is based on: Challenges Airlines Face with Non-Standardized eVisas, Karine Boulet-Gaudreault, Senior Manager, Passenger Facilitation, Infrastructure and Customer Experience, IATA
<https://www.icao.int/Meetings/TRIP-Symposium-2023/Pages/Presentation.aspx>





ISO 18013-5
ISO 23220



DTC
LDS 2.0



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Thank you for your attention!

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