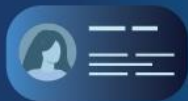




ICAO



2025 ICAO **TRIP** SYMPOSIUM

MONTRÉAL, CANADA | NOVEMBER 4 - 6



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Second DTC Pilot in Finland

Mika Hansson & Chris Bonn

Senior Advisor


Head of ID Centre

National Police Board

Immigration Service



Once upon a time: DTC from HEL 2023-2024



*Could the
DTC Type 1
work in
practice?*

Oh, it did
work!

Main results

- First ever use of DTC 1st September 2023
- ~8 sec border crossing
- Improved security – pre-clearance
- 90% positive responses from satisfaction survey
- Successful study on digital residence permit



*Interesting,
What's next?*

- New EU funded pilot
 - October 2025 – 2027
- Named: DTC 2 HEL
- Focus on DTC Type 1
- Live testing with real travellers
- ICAO specifications form the core for technical requirements



Does EU
legislation
support this?

Voluntary use of DTC

Travellers' may use a DTC for crossing external borders

How to get a DTC and use it?

eMRTD issuing authority in the EU can create it for you or you can self-derive it with the EU Digital Travel app

Legal framework for border checks

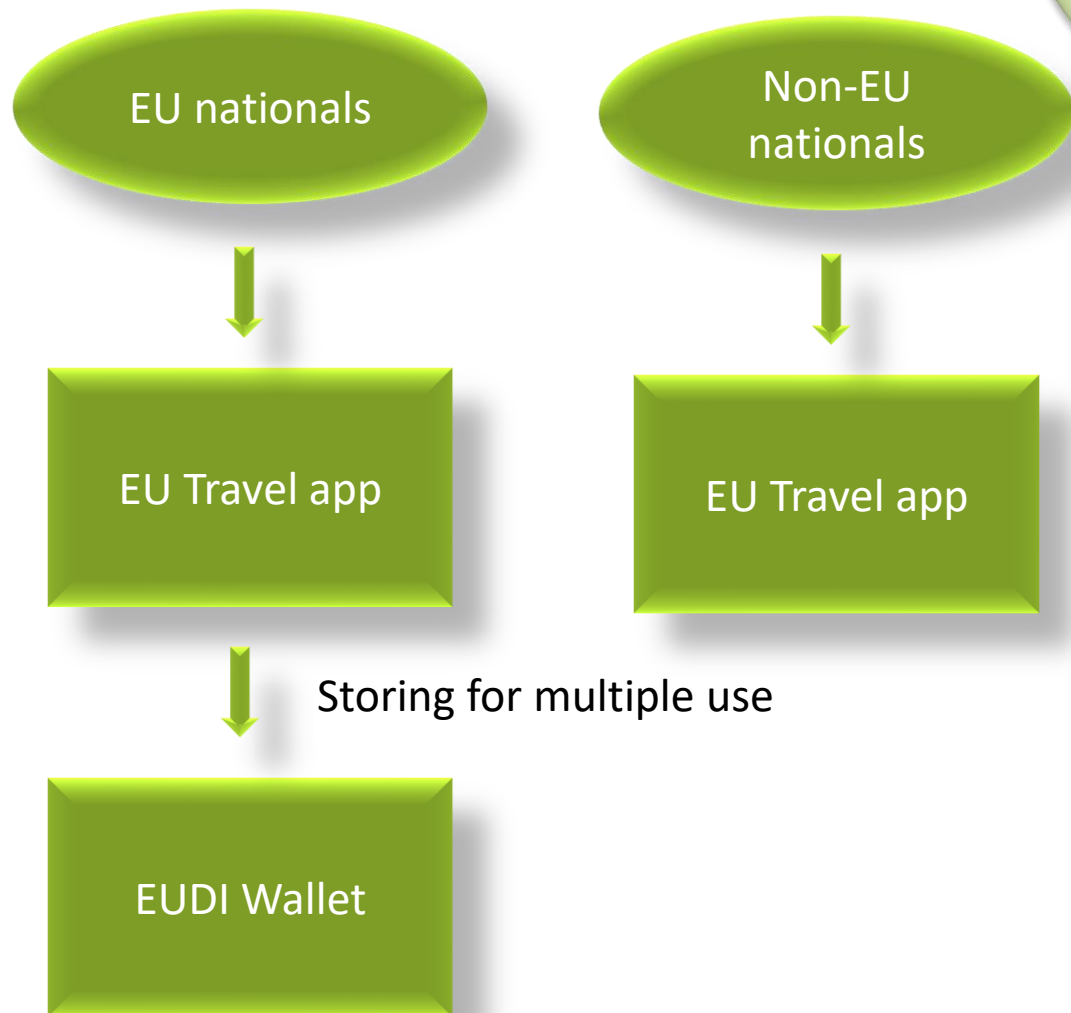
Establish the rules on how to carry out border checks based on DTCs

Global interoperability

ICAO standards as the foundation

TRIP 2025





*What does
this mean
in practise?*



Ok. So what
about DTC 2
HEL?

- Test different ways of enroll/derive DTC
- DTC transmission protocol establishment
- Test end-to-end transmission and use of DTC with other countries
- Test DTC use cases other than border control
- Explore exit at the border using facial image only
- Develop a generic IDB 2D barcode reading and verification app



*Different
ways of
derivation?*

Phase 1. Chip reading
derivation using DTC wallet



Phase 2. (extremely) simple
derivation using DTC wallet



Press for DTC



*Transmission
protocol?*

- Test of transmission protocol (yet to be developed)
- Test end-to-end transmission and use of DTC with partnering states



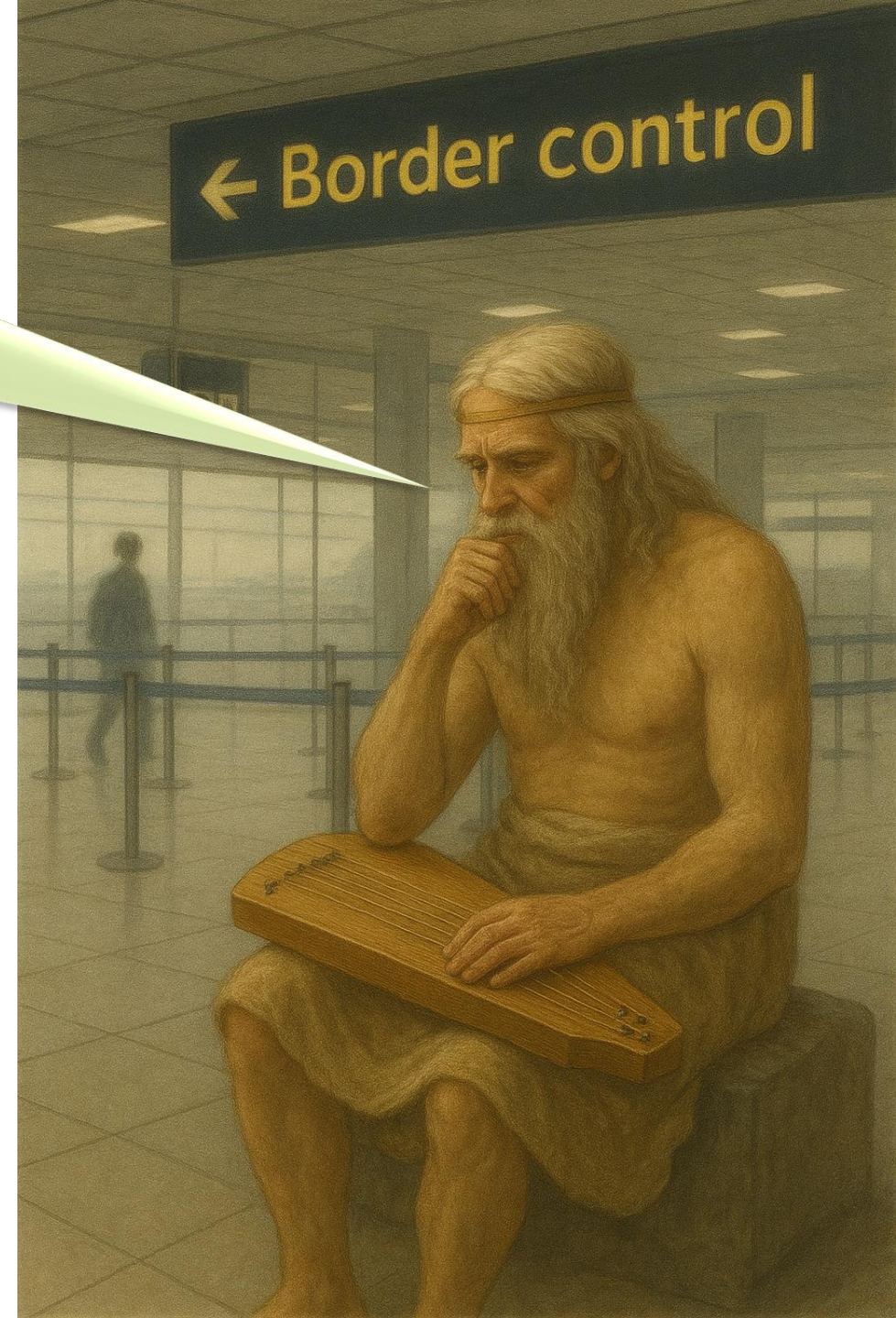


- To develop a generic ICAO Data Barcode (IDB) barcode reading and verification application
- EU to maintain the application
- The high potential of the IDB barcode use cases



How do I sign
up?

To be continued...



Thank You

