ICAO

2023 ICAO TRIP SYMPOSIUM

MONTREAL, CANADA | 12 - 14 SEPT 2023

Mika Hansson

Finland/National Police Board

Mika.Hansson@poliisi.fi

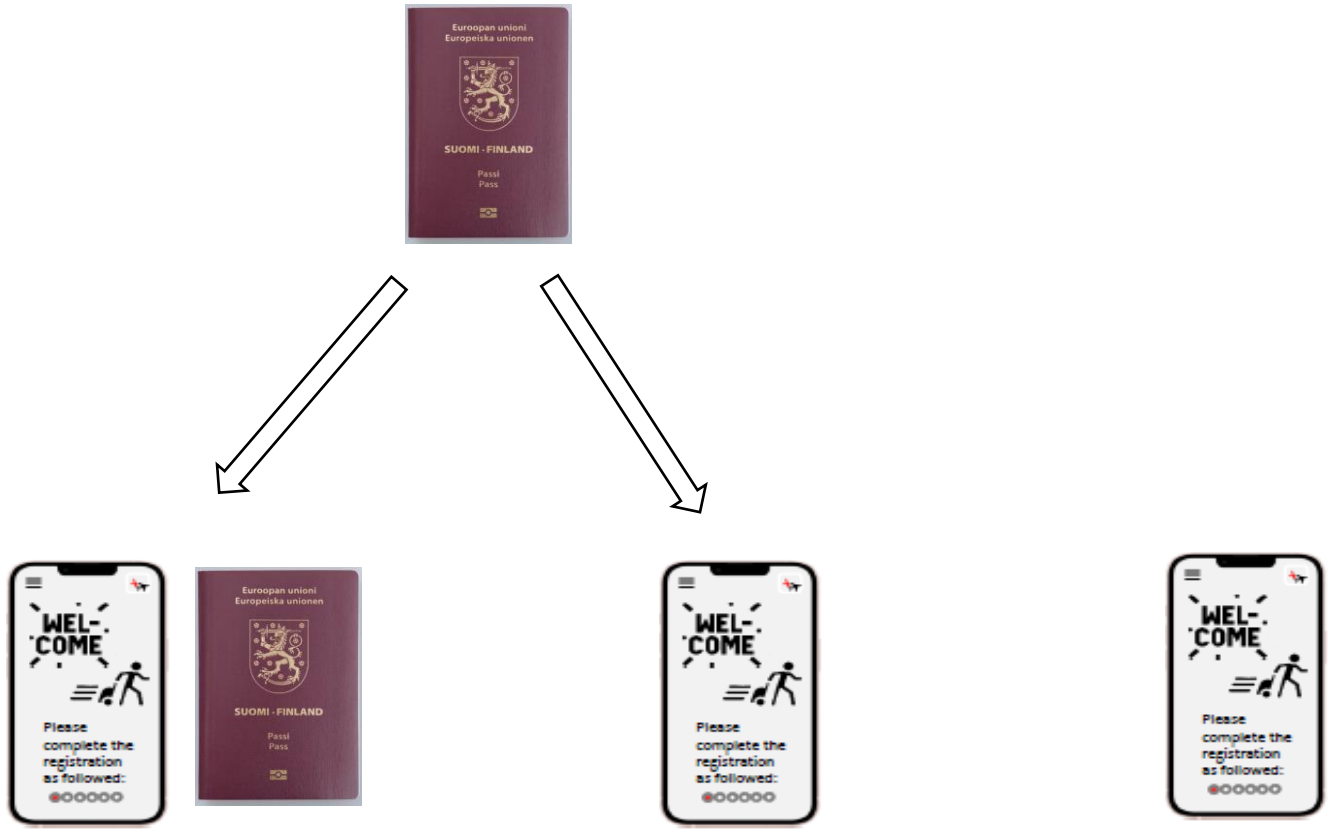
Overview

01 DTC
02 DTC in EU
03 FIN & HRV Pilot
04 FIN Pilot

01

DTC

Different types



Type 1

Type 2

Type 3

01

Focus on type 1

Type 1

Type 2

Type 3

02

DTC in EU

- DTC specifications
  - ICAO
    - ICAO NTWG
- EU legislation
  - Travel Facilitation Group
    - Pilots
      - FIN & HRV
      - NLD & CAN
  - Focus on DTC type 1

02

DTC in EU

Why type 1

- Specifications are ready
- Technology is ready for use
- Passport booklet acts as a backup system
- Facilitation of travel, for example to airport functions, is already possible with type 1 DTC

03 FIN & HRV Pilot

- Finland and Croatia have a joint project on EU funding
- Both countries have their own implementations
  - This will provide a richer set of data for EU lawmaking.
- The pilot is likely to run until the end of February 2024.

DTC Digital Travel Credentials

Co-funded by the European Union

04

FIN

Participating Organisations

Co-funded by the European Union

- Border Guard Headquarters
  - main responsibility of the project
  - responsible of EU funding
- National Police board
  - experts of eMRTDs and DTC
- Eastern Uusimaa Police Departmant
  - registration process
- Helsinki Police Department
  - Defect Management
- Finnish Immigration Service
  - digital residence permit
- Finnair
- Finavia

04

FIN

Principles

- No integration to the current BGC-system
- Use of manual lines (entry/exit)
- Need to pilot something for future use but stil fulfil current EU and national legislation
  - Secure registration process (live registration)

RAJA RAJAVARTIOLAITOS

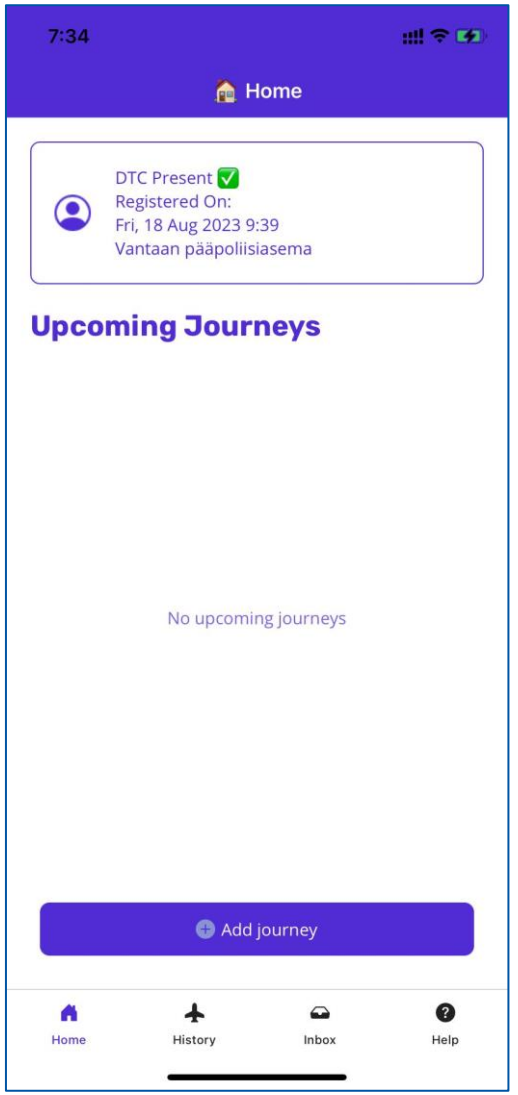
POLIISI

04

FIN

Registration

- Identification
- Chip validation
- Live photo
  - DTC v.1.5
- Creation of DTC on mobile device
- DTC is stored encrypted on the pilot person's phone

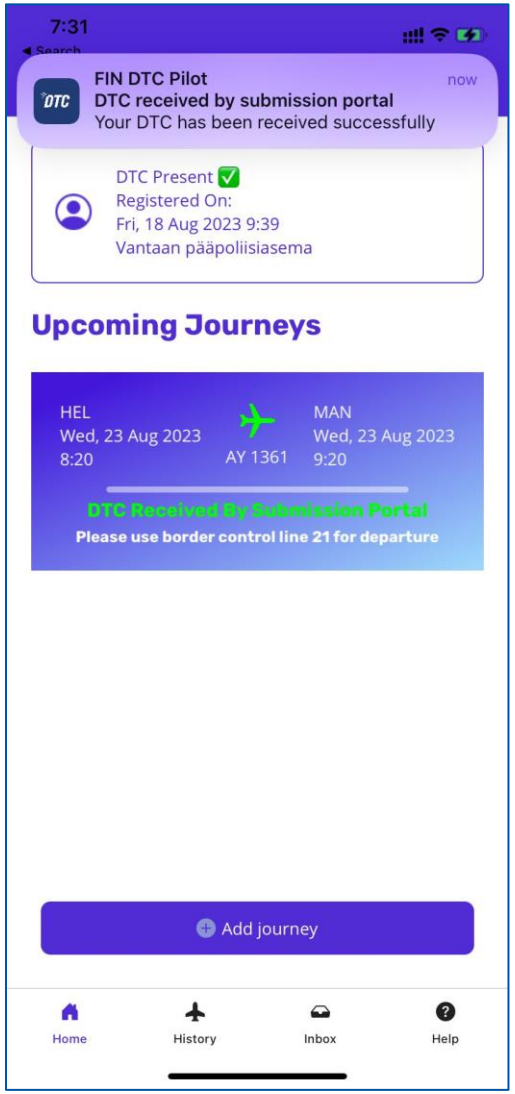


04

FIN

Before the Trip

- Submission of DTC from the app 4-36 hours before departing or arriving flight at Helsinki Airport together with the flight information
- Pre-screening of pilot person



04 FIN

At the Border

Hold your passport over the reader and look into the camera.

- No need to open the passport booklet

04 FIN

Inspection System Process

- Take a photo
- Search for the correct DTC based on the photo
- DTC data is used to have access to the passport chip
- No further data is read, only the Chip Authentication protocol is performed
- The port is opened

06

FIN

Conclusions

- DTC type 1 specifications have been proven in practice to be well suited for border control.
- It is possible to have a secure and fast border control at the same time using DTC.
- The pilot has only just started. Statistical analysis will be available as the project progresses and more passangers are involved in the pilot.

06

FIN

Flaunting

The first real flight, preceded by the use of DTC for border control, departed from Helsinki Airport to London on 1 September 2023.

To our knowledge, this was the first time in the world that DTC was actually used for border control!

Thank You

ICAO