



ICAO



2023 ICAO **TRIP** SYMPOSIUM

MONTREAL, CANADA | 12 - 14 SEPT 2023

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and

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Basics of the ICAO PKD



The PKD private sector pilot - foundations



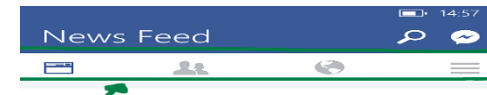
PKD and private sector – next steps



Recent system enhancements



The PKD private sector pilot – status



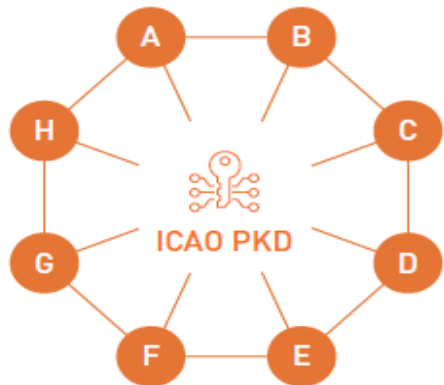
Future perspectives – enhanced service for all



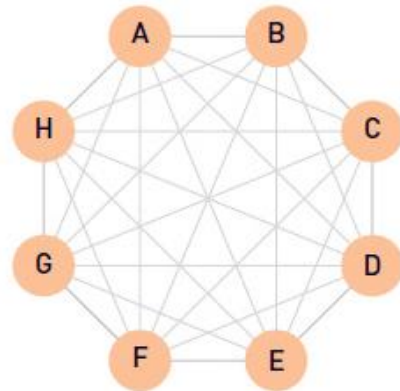
Public Keys are Needed to Electronically Verify eMRTDs



The ICAO Public Key Directory (PKD) makes it easier to share public keys internationally



With the PKD



Without the PKD



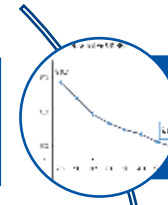
More electronic documents – ePassport, DTC, VDS etc.



More demand for seamless/contactless travel



More need for agility in capabilities (robustness to pandemics etc.)



Reduced fees



More data content



Enhanced services and community sharing

Recent system enhancements

A developing PKD service



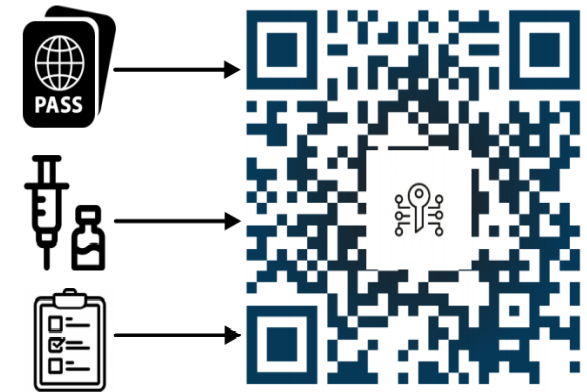
PKD Data Quality coach initiative

In-community capacity building and support



New formats and data

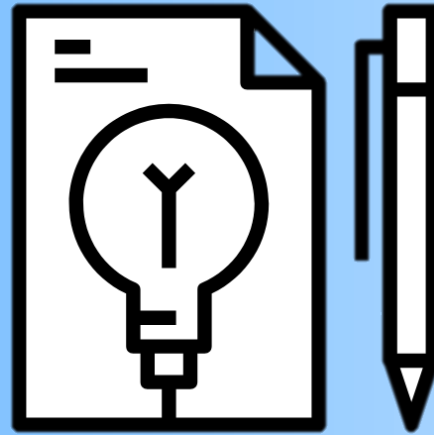
ICAO Master List and Health Master List



New content

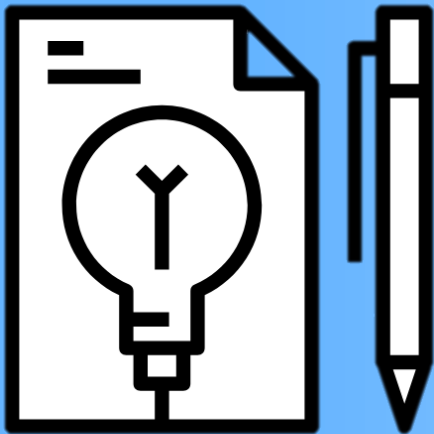
Barcode Signer Certificate capabilities being added

The PKD Private Sector Pilot



The PKD Private Sector Pilot

Increasing involvement of private sector actors in travel processes (e.g. verify health proofs, DTCs, seamless)

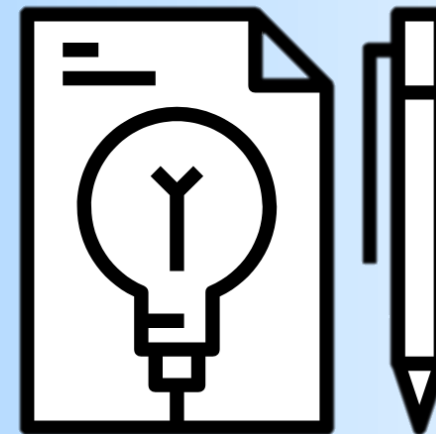


- Trial initiative to assess use of PKD data by private sector entities to:
- Support States in their efforts to facilitate travel
 - Innovate with new use cases and process models based on evolving ICAO specifications

(Note. Such usage in commercial products is currently prohibited)

The PKD Private Sector Pilot

Status and Findings So Far



8

41

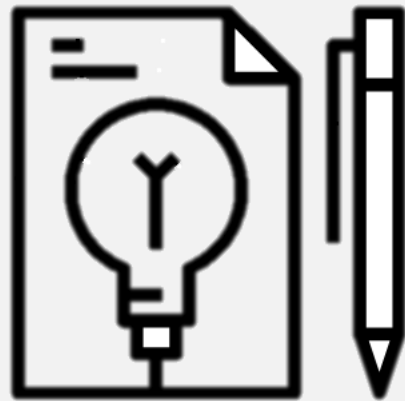
Participants – strong and growing interest

88%

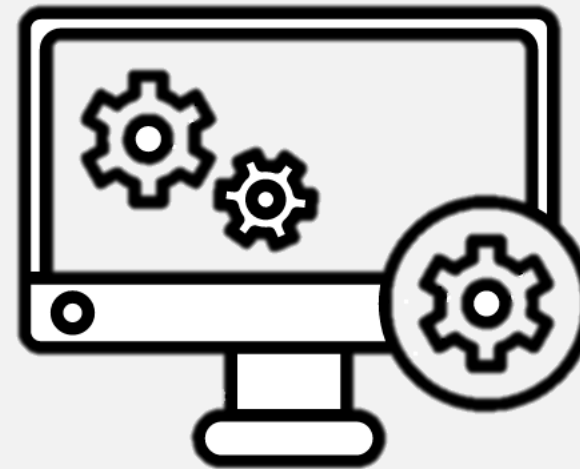
High satisfaction – 88% rate it highly useful

0

No detrimental impacts seen for core business



PILOT



PROGRAMME



2026

A New PKD System

2026 -

Tender for a new service contract for the ICAO PKD to be launched around December 2023

- Setting the stage for the PKD for the future
- Including relevant services for all users – States, International Organizations and private sector entities



Getting ready for the new PKD



States:

- Join the PKD
- Become active
- Build capabilities, anticipate the expanded future use of digital and electronic documents

Companies:

- Monitor the UN Global Marketplace
- Tell us how you can support the future improved PKD service

One more
thing



PKD Board meeting and workshop

7-9 November 2023

PKD Board meeting and workshop

7-9 November 2023

Open to all – existing and potential future participants!

Thank You

