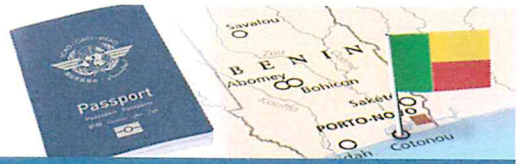
ICAO SECURITY & FACILITATION



INTERPOL Commitment on Developing Interoperable Border Solutions

Emilienne KANG TEGHA

Specialized Officer

Office of the Special Representative of INTERPOL to the African Union

INTERPOL BORDERS ELEMENTS

INFORMATION

DATABASES

TECHNOLOGY

INFRASTRUCTURE

INTERPOL Secure Cloud I-24/7

INTEROPERABILITY

FIND

Interoperability among INTERPOL databases

The INTERPOL's internal goal is to have our border-oriented databases addressing operational demands (speedy passenger control) by leveraging fully interoperable databases (single query access to all data) supported by modern technology.

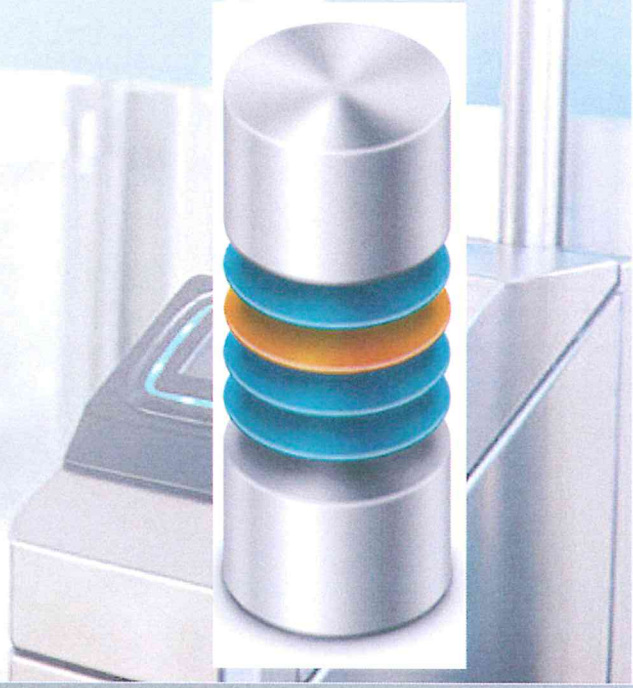
Interoperability with national/regional systems

The INTERPOL's external goal is to have our border-oriented databases interoperable with existing national/international systems thus ensuring data consistency(national and INTERPOL databases timely synchronized) and query effectiveness(any query performed through national application is redirected to INTERPOL databases)

INTERPOL Document Control Capability

INTERPOL Travel Document Screening tools

- Nominal
- TDAWN
- Dial- Doc
- Edison TD
- SLTD



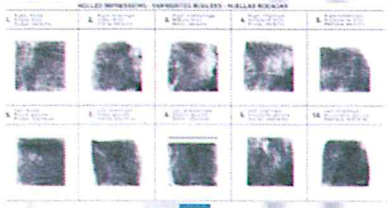
The NOMINAL database

... now populated via INTERPOL I-Link Web Services

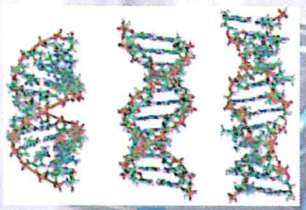
NOTICES

DIFFUSIONS

TDAWN



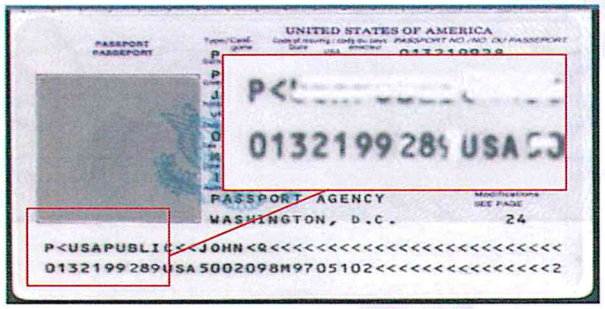
AFIS



DNA

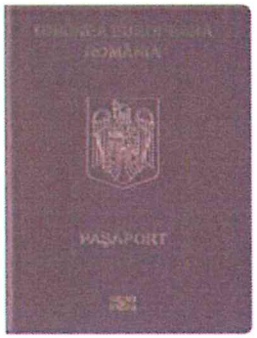
The SLTD database

...now populated via INTERPOL Web Services for Data Management (WISDM)



The solutions for querying databases

SLTD



not valid

IDENTITY+DIN+TYPE+COUNTRY

TDAWN

valid

DATA CONSULTATION

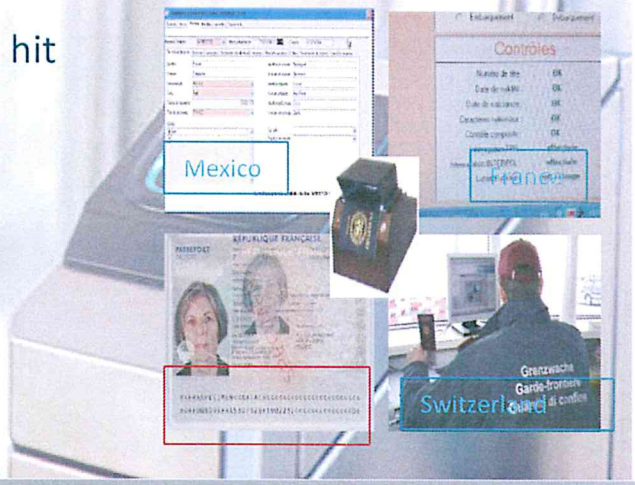
FIND: Fixed INTERPOL

Ready to integrate solution to query INTERPOL's database

- Solution allow officers to submit **MULTIPLE** query simultaneously to National , Regional (when exist) and INTERPOL databases and get **ONE** consolidated answer
- Top-level security is ensured using of INTERPOL's I-24/7 communications system
- Response to the query is immediate (< 1 sec)
- System notifies immediately member countries concerned of potential hit
- National SOPs adapted to each country

Ready to integrate solution into existing systems

- No changes in the daily work of front-line officers
- No special training required
- No language barriers [usage of national language(s)]
- Easily adapted to individual countries' requirements and capabilities
- Fully interoperability with i-API and eVisa

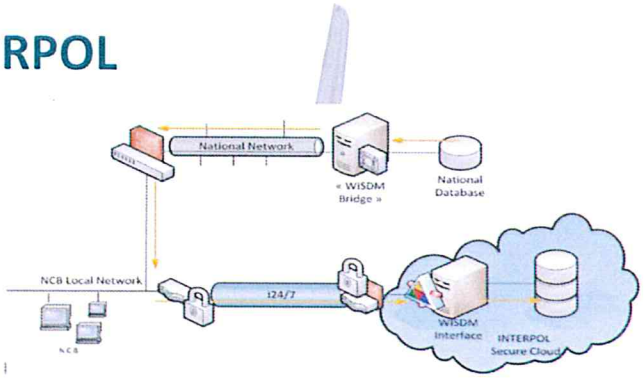


DATA CONTRIBUTION & DATA QUALITY

WISDM : Web INTERPOL Services for Data Management

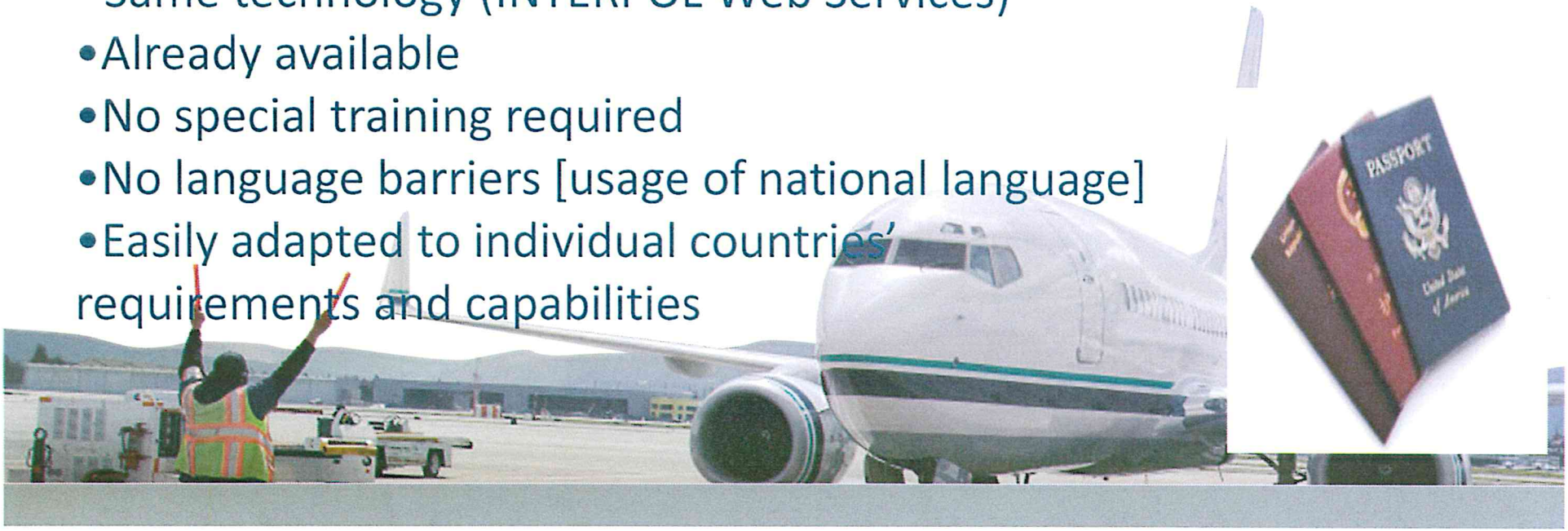
Integrated Solutions to populate automatically INTERPOL Databases from National repository

- -Insert , Update and Delete SLTD
- -Check a records (get properties)
- -Retrieve database figures
- -Delete(all) record(s)
- -Retrieve statistics on the actions done
- -Retrieve alerts on my records (ex: retention period near to the end, automatic deletion)



Interoperability with national API/PNR/e-VISA systems

- Same technology (INTERPOL Web Services)
- Already available
- No special training required
- No language barriers [usage of national language]
- Easily adapted to individual countries' requirements and capabilities



...AND IN THE PIPELINE ....

A new approach for travel document control

Dial-Doc V2 Project

"Accessibility to supporting material related to fraudulent travel document during passenger screenings" Through Standardization of the information Interoperable solution.

Reinforcement of INTERPOL's notices and diffusions effectiveness at border through the enhancement of INTERPOL capabilities to gather biometrics (facial recognition, fingerprint, DNA) of individuals recorded to INTERPOL Nominal databases and a more efficient and timely access to the INTERPOL biometric information from National Border Systems

Recommendations and Proposal

- To implement "READY TO INTEGRATE" FIND solutions into national Border Management Systems;
- To implement WISDM and I-Link for timely synchronization among INTERPOL/national databases;
- To screen systematically and automatically all passengers against INTERPOL DBs;
- To check API/PNR data against INTERPOL databases;
- To integrate e-Visa with INTERPOL systems;
- To handle biometry information at border.

ICAO

North American Central American and Caribbean (NACC) Office
Mexico City

South American (SAM) Office
Lima

ICAO Headquarters
Montréal

Western and Central African (WACAF) Office
Dakar

European and North Atlantic (EUR/NAT) Office
Paris

Middle East (MID) Office
Cairo

Eastern and Southern African (ESAF) Office
Nairobi

Asia and Pacific (APAC) Sub-office
Beijing

Asia and Pacific (APAC) Office
Bangkok

THANK YOU