ICAO SECURITY & FACILITATION NO COUNTRY LEFT BEHIND

INTERPOL's interoperable solutions for Border Management

Fabrizio Di Carlo

Specialized Officer

Hong Kong ICAO TRIP Regional Seminar

INTERPOL BORDERS ELEMENTS

INFORMATION

DATABASES

First Line Oriented Databases

Second/Third Line Databases

TECHNOLOGY

INFRASTRUCTURE

INTERPOL Secure Cloud I-24/7

INTEROPERABILITY

FIND

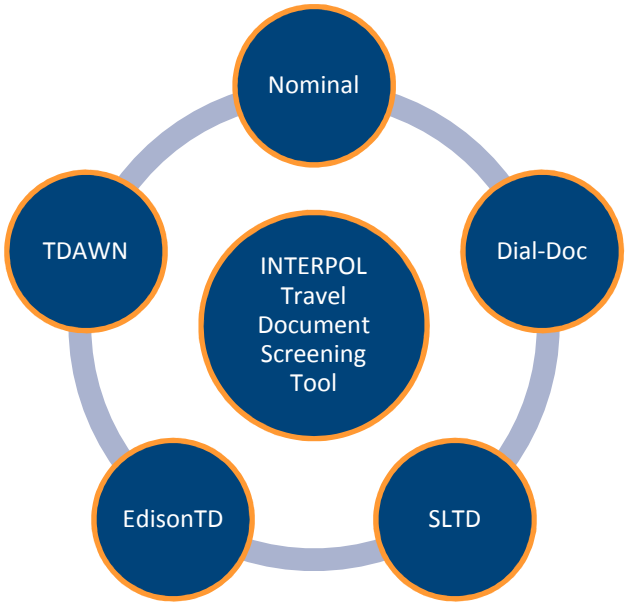
Interoperability among INTERPOL databases

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

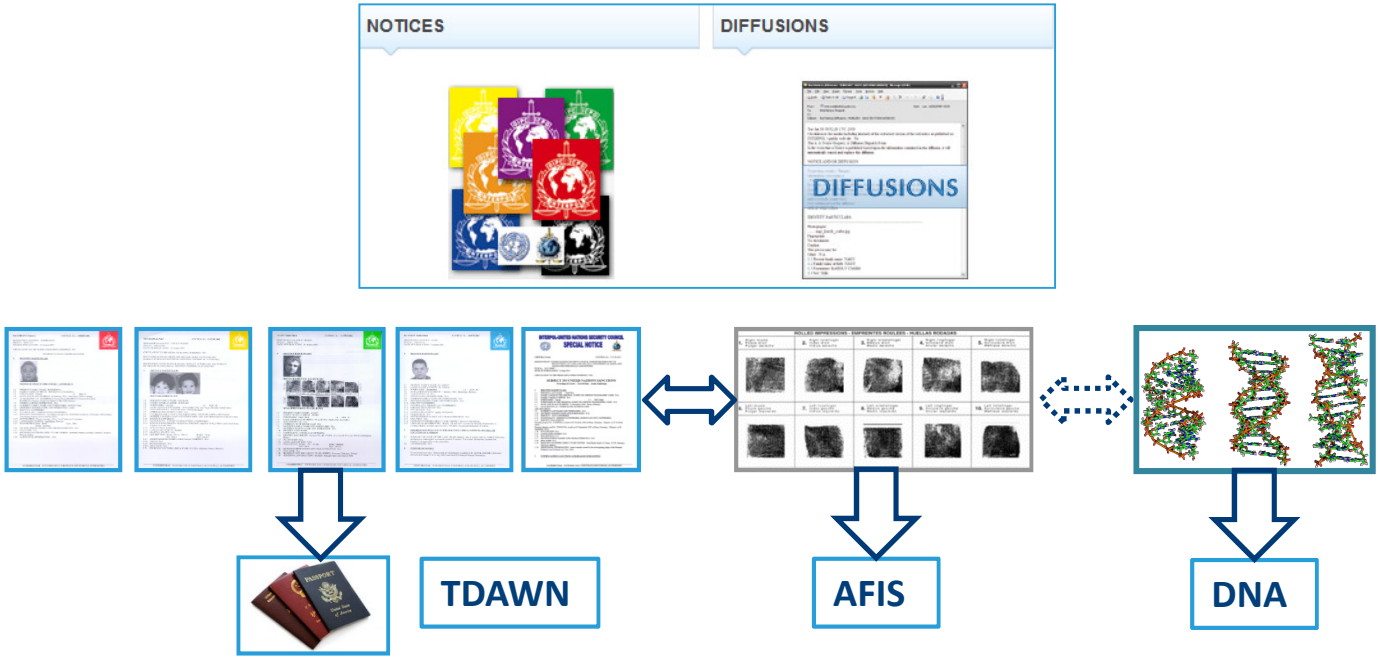
The INTERPOL's external goal is to have our border-oriented databases interoperable with existing national/international systems thus ensuring data consistency (national and INTERPOL databases timely synchronized) and query effectiveness (any query performed through national application is redirected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

INTERPOL Document Control Capability



The NOMINAL database

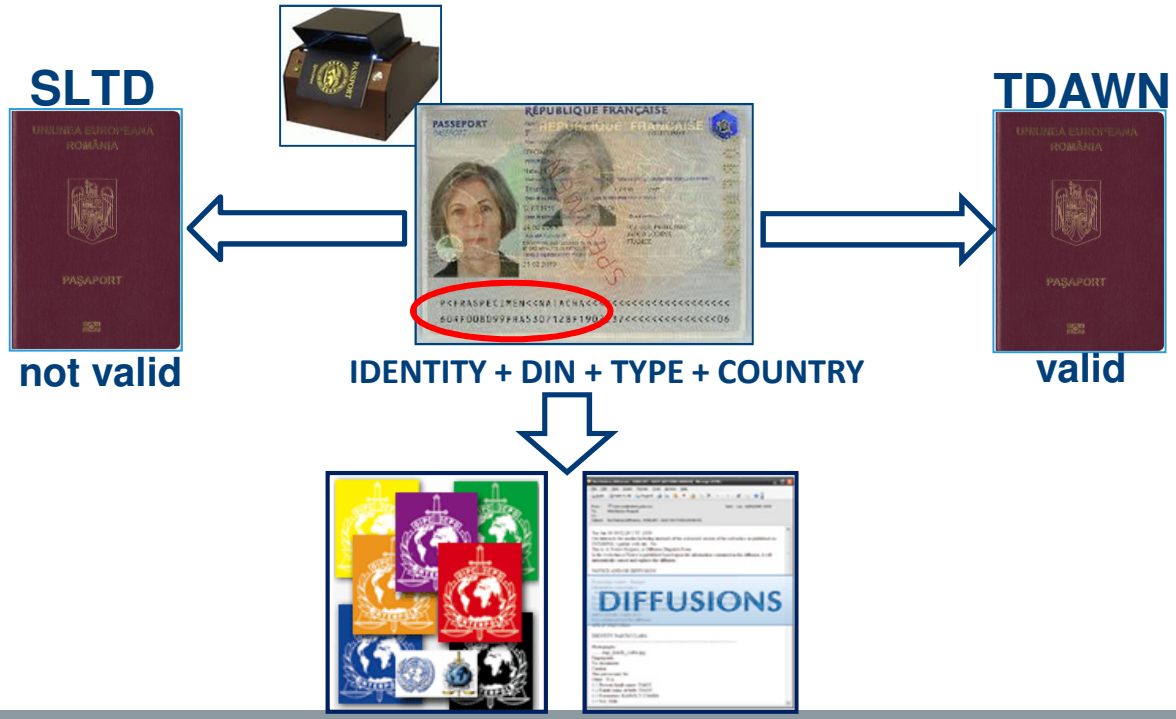
… now populated via INTERPOL I-Link Web Services



The SLTD database

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

The solutions for querying databases

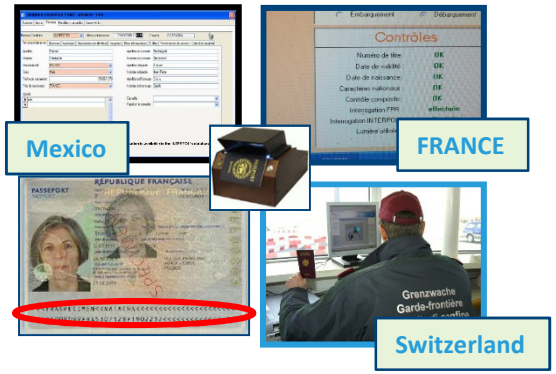


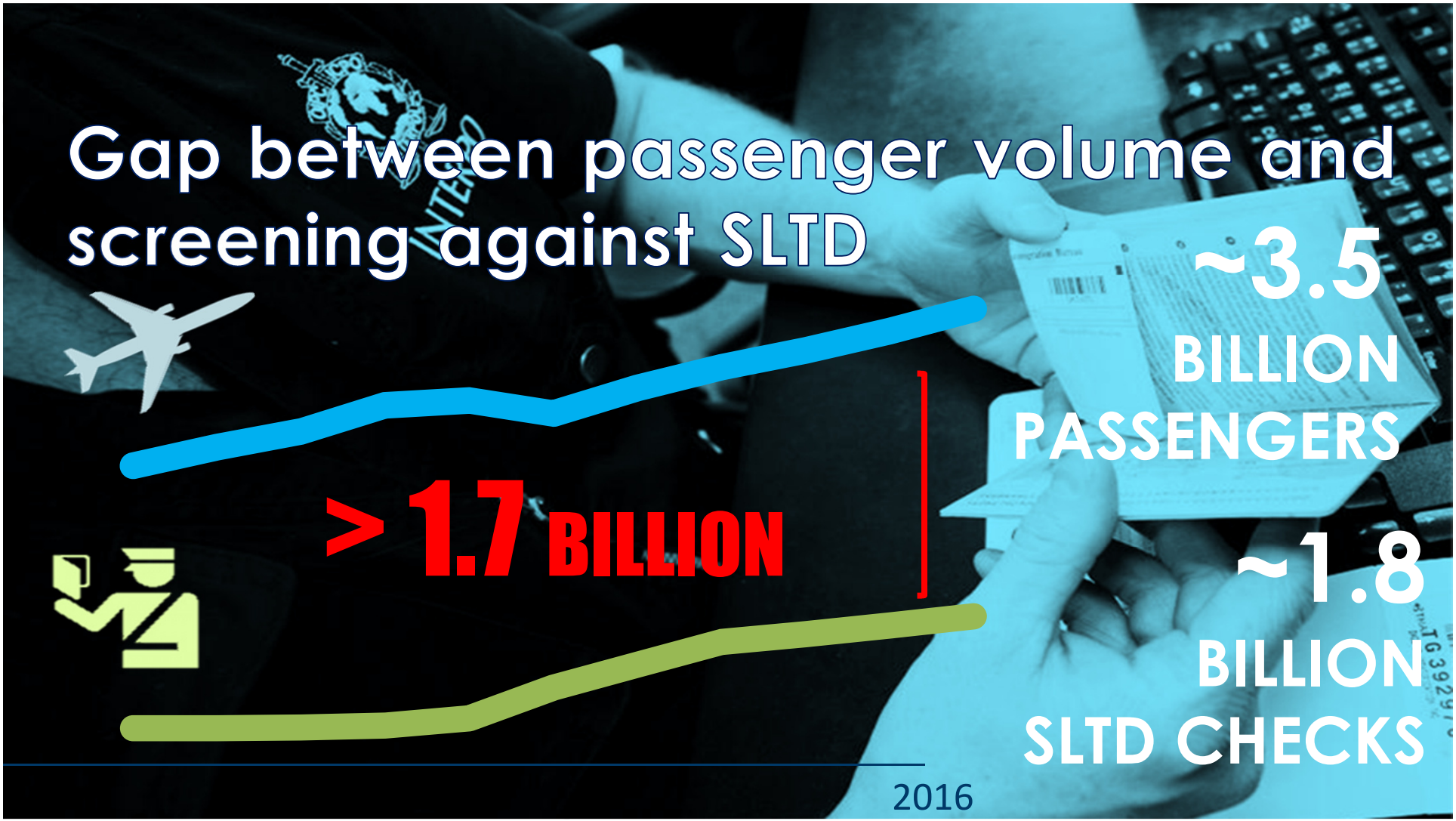
Ready to integrate solution to access INTERPOL's database

- 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




Gap between passenger volume and screening against SLTD
~3.5
BILLION
PASSENGERS
> 1.7 BILLION
~1.8
BILLION
SLTD CHECKS
2016

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

…and in the pipeline….

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 accessing :
  - National, Regional (when exists), International databases
- To implement WISDM and I-Link for timely synchronization among INTERPOL/national databases.
- To integrate INTERPOL FIND into national Border Management Systems
- 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

Contact Details

Name: Fabrizio Di Carlo
Email: f.dicarlo@interpol.int