



INTERPOL

Processing API/PNR data through INTERPOL databases

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A GLOBAL STRUCTURE





INTERPOL

PROVIDING POLICING EXPERTISE AND CAPABILITIES IN SUPPORT OF THREE CRIME PROGRAMMES



THREE CRIME PROGRAMMES

POLICING CAPABILITIES

DATABASES IN 2018

17

DATABASES

91

MILLION

POLICE
RECORDS

13

MILLION

SEARCHES
PER DAY

0.5

SECONDS

RESPONSE
TIME



INTERPOL



17 INTERPOL Databases :

- ✓ Nominal
- ✓ SLTD
- ✓ SAD
- ✓ SMV
- ✓ SV
- ✓ WOA
- ✓ FINGERPRINT
- ✓ FACIAL
- ✓ DNA
- ✓ DIALDOC
- ✓ EDISON
- ✓ DISCS
- ✓ IFRT
- ✓ IBIN
- ✓ iARMS
- ✓ MARITIME PIRACY
- ✓ ICSE

API/PNR as a key element for effective implementation of the virtual border

- UNSCR 2178 (2014) - *“called upon Member States to require that airlines operating in their territories provide advance passenger information to the appropriate national authorities in order to detect the departure from their territories, or attempted entry into or transit through their territories, by means of civil aircraft”*
- UNSCR 2396 (2017) - *“Member States shall develop the capability to collect, process and analyse [...] PNR data and to ensure PNR data is used by and shared with all their competent national authorities, with full respect for human rights and fundamental freedoms for the purpose of preventing, detecting and investigating terrorist offenses and related travel [...]”.*

A faint, dotted world map serves as a background for the slide, centered behind the main text.

API/PNR INTEGRATION WITH EXISTING GOVERNMENT SYSTEMS

API/PNR provide security agencies with data they could otherwise access upon the passenger's arrival and presentation at an immigration inspection desk.

However, the utility of API/PNR-related data can be understood only if considered into an integrated approach

API/PNR-related data need to be coupled with INTERPOL databases (SLTD & Nominals)

INTERPOL as a key facilitator for API/PNR data processing

- UNSCR 2178 (2014) - acknowledges INTERPOL's capability *"to address the threat posed by foreign terrorist fighters, including through global law enforcement information sharing enabled by the use of its secure communications network, databases, and system of advisory notices, procedures to track stolen, forged identity papers and travel documents, and INTERPOL's counter-terrorism fora and foreign terrorist fighter programme"*.
- UNSCR 2396 (2017) – Noting with appreciation the efforts of INTERPOL *"to address the threat posed by foreign terrorist fighters, including through global law enforcement information sharing enabled by the use of its secure communications network, databases, and system of advisory notices and procedures to track stolen, forged identity papers and travel documents, and INTERPOL's counter-terrorism fora and foreign terrorist fighter programme"*

INTERPOL core elements to process API/PNR data

INFORMATION

DATABASES

Nominals (Terrorist, Missing Persons, Criminal, etc.)

Travel and Identity Documents (Specimen, Alerts, Quick Check Card, Stolen & Lost, Invalid, Stolen Blank, Revoked, etc.)

TECHNOLOGY

INFRASTRUCTURE

INTERPOL Secure Cloud I-24/7

INTEROPERABILITY

FIND (Data consultation)

WISDM & I-Link (Data management)

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DATA RELATING TO EACH INDIVIDUAL PASSENGER

Core Data Elements as may be found in the Machine Readable Zone of the Official Travel Document

- Issuing State or Organization of the Official Travel Document
- Official Travel Document Number
- Official Travel Document Type
- Expiration Date of Official Travel Document
- Surname/Given Name(s)
- Nationality
- Date of Birth
- Gender

DATA RELATING TO EACH INDIVIDUAL PASSENGER

Core Data Elements as may be found in the Machine Readable Zone of the Official Travel Document

- Issuing State or Organization of the Official Travel Document SLTD
- Official Travel Document Number SLTD
- Official Travel Document Type SLTD
- Expiration Date of Official Travel Document
- Surname/Given Name(s)
- Nationality
- Date of Birth
- Gender

DATA RELATING TO EACH INDIVIDUAL PASSENGER

Core Data Elements as may be found in the Machine Readable Zone of the Official Travel Document

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NOMINALS
NOMINALS

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INTERPOL SECURE CLOUD I-24/7

- Gateway to INTERPOL databases
- Around-the-clock access to crucial data in seconds
- Platform for sharing criminal information among law enforcement entities
- All 194 INTERPOL member countries are connected
- Trained personnel
- Adapted to police needs





Secure Global Police Communication Services

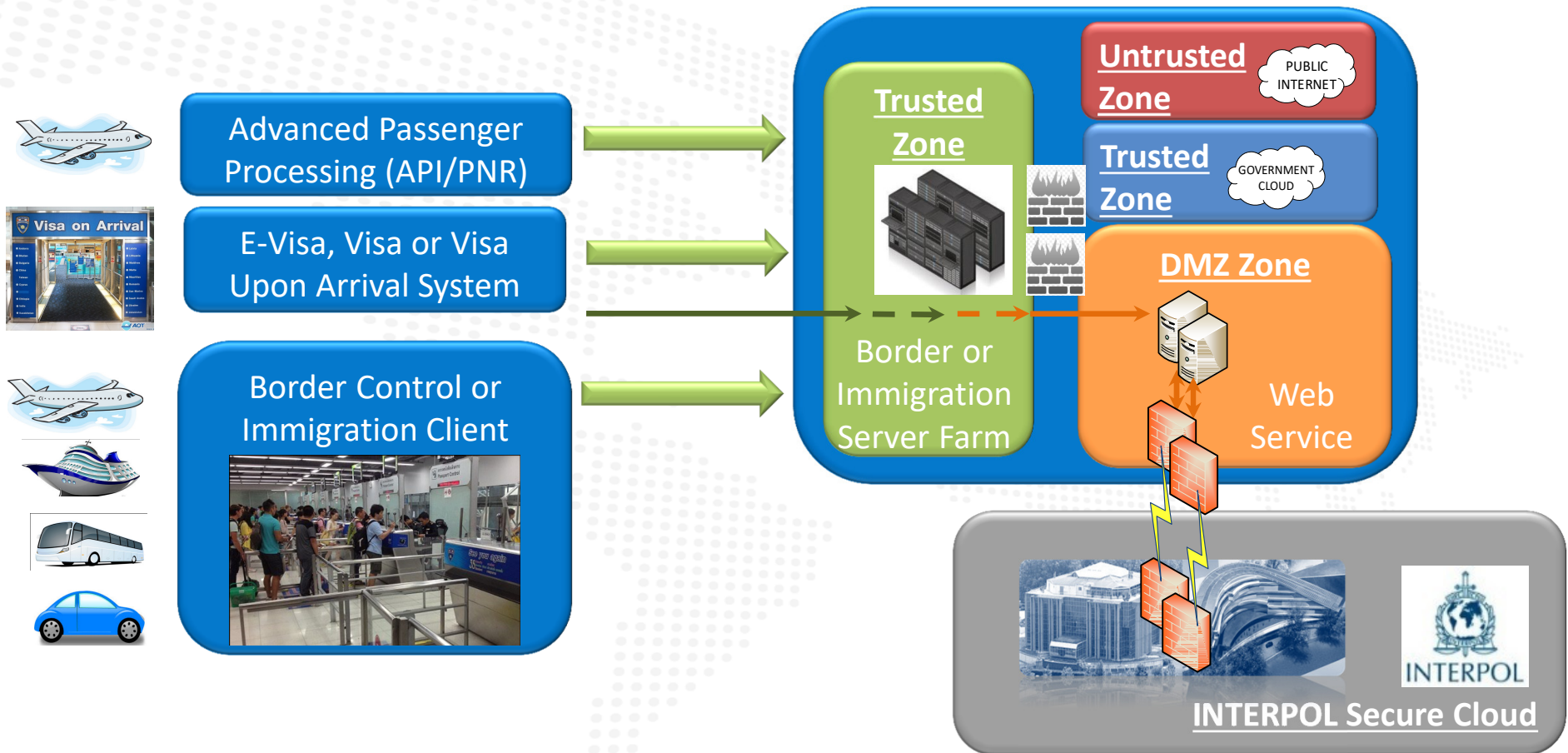
Can National Law Enforcement Agencies be connected via I-24/7?

The system can be expanded beyond the NCBs to remote LEA users and also INTERPOL is encouraging member countries to extend their connections to other national law enforcement entities.

Can International Organization be connected via I-24/7?

When it is consistent with the aims and objects of its Constitution, INTERPOL may establish agreements with international entities in order to collaborate with them on data processing on a regular basis via I-24/7.

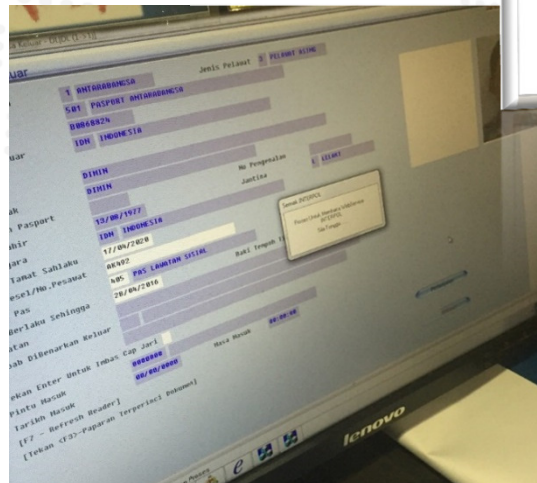
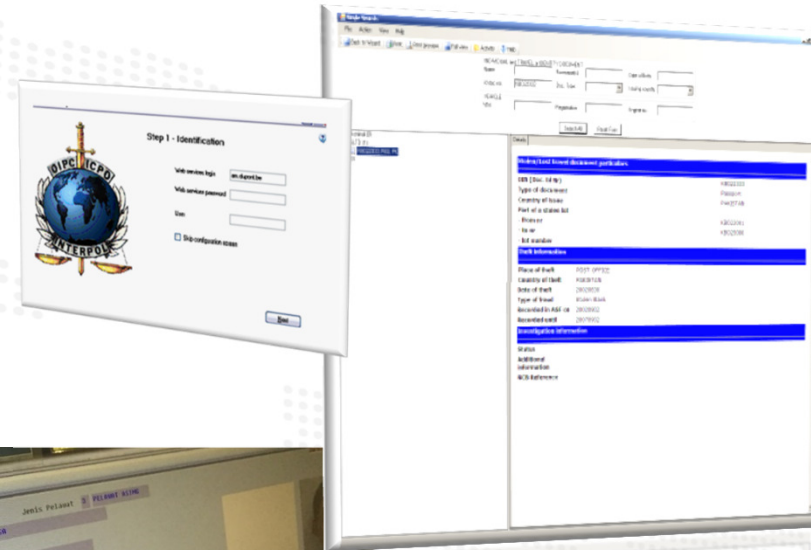
INTERPOL's FIND web services for consultation



INTERPOL INTEROPERABLE SERVICES

FIND (search)

I-Batch (search)



FIND

Integrated solution to access INTERPOL's database

- Solution allow officers to submit a query simultaneously to National and Interpol databases
- Top-level security is ensured using of Interpol's I-24/7 communications system
- Response to the query is immediate
- System notifies member countries concerned of potential hit

Integration into existing systems

- No changes in the daily work of front-line officers
- No special training required
- No language barriers
- Easily adapted to individual countries' requirements and capabilities
- Fully interoperable with i-API



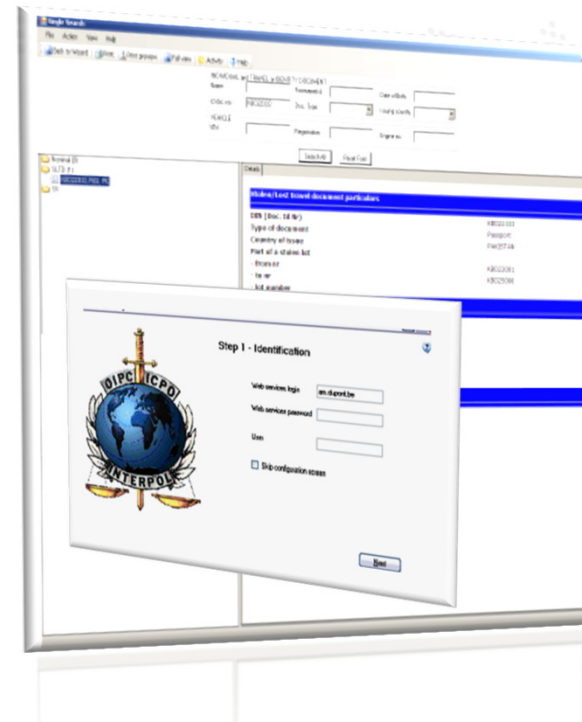
I-BATCH

ET 908
1/ 1

LISTE DES PASSAGERS ETABLISSANTS
13JUN 1040 BKO ADD

ETANU /763

001	C	H 03L CK	ALHOMAI/SALEHNM	ADD	r o i
002	Y	H 11L YK	ALPHA/DIALLO	ADD	r o i
003	C	H 03J CK	ALSAHAW/MANSOURABDUL	ADD	r o i
004	Y	H 13A YK	DRAME/GAOUSSOUR	ADD	r o i
005	ANN	H *** YK	FODE/DIAWARA	ADD	r o
006	Y	H 25C YK	KABA/SIDIKIBAMR	ADD	r o i
007	Y	H 25D YK	KOURDUMA/BANGALYMR	ADD	r o i
008	Y	H 25F YK	SALLKALIL/SOWMR	ADD	r o i
009	Y	H 36A YK	TRAORE/SOULEYMANEMR	ADD 2/23	r o q
010	Y	H 27A YK	SHARMA/SHANTIPRAKASH	ADD	r o q i
011	Y	H 27C YK	SOMANI/UTSAVMR	ADD	r o i
012	Y	H 25L YK	DEMBELE/ALIOU	ADD 1/13	r o q
013	Y	H 28A YK	OUMAR/DIALLOMR	ADD 1/11	r o
014	Y	H 30A YK	KEITA/CHEICKOUMARMR	ADD 1/21	r o q W
015	Y	H 30L YK	LANDOURE/SAMBA	ADD 2/32	r o q
016	Y	F 32A YK	SISSOKO/AMINATMRS	ADD 1/14	r o
017	Y	H 33L YK	BALLO/ISSA	ADD 1/25	r o
018	Y	H 25A YK	KAMPO/DIANGUINEMR	ADD 2/29	r o q
019	Y	H 34A YK	DAFF/MOUSSA	ADD 4/82	r o W
020	Y	F 34C YK	SYLLA/FATOUmata	ADD	r o W
021	Y	H 12F YK	NIMAGA/MOHAMEDMR	ADD 2/29	r o q
022	Y	H 12D YK	GOUMANE/BAKOROBAMR	ADD 2/43	r o q
023	Y	H 40C YK	COULIBALY/YOISSOUFMR	ADD	r o q
024	Y	H 33J YK	DIARRA/KADIO	ADD	r o
025	Y	F 34L YK	DIARITE/EPISAMAKEMATS	ADD 1/26	r o
026	Y	H 36L YK	ALMAHADI/ABOUZEIDI	ADD 2/24	r o q
027	Y	F 34J YK	TOURE/FATOUMATMRS	ADD 2/38	r o
028	Y	F 34H YK	DAFFE/ASTANMRS	ADD 1/12	r o q
029	Y	H 35A YK	ZHANG/QINGZHENG	ADD 2/39	r o
030	Y	H 37A YK	KOUMA/OMAR	ADD 1/10	r o
031	Y	F 37L YK	TOUREEPSNDIAYE/DIAKA	ADD 2/42	r o
032	Y	H 38L YK	ABDOULAYE/DIALLOMR	ADD 1/4	r o q
033	Y	H 39A YK	DIARRA/DUSMANEMR	ADD	r o
034	Y	F 39L YK	KAGNASSI/ASSA	ADD 1/35	r o



Interoperability with Batch Style API

Single Window

Strongly recommend that the INTERPOL National Central Bureaus (NCBs) in each country collaborate closely on policy and technical API/PNR matters with all concerned API/PNR stakeholders, in order to enhance secure communications between national units in charge of API/PNR such as Passenger Information Units (PIU) or National Detection Centre (NDC) and their access to INTERPOL's systems.

Technical standardization

- Strongly support API standards (UN/EDIFACT PAXLST) and recommends their use in the development of standardized and harmonized systems
- Encouraging the interactive API

Operational standardization

Develop National Standard Operating Procedures to ensure an accurate API data processing flow and appropriate process management of the positive matches.

Maintaining highest INTERPOL's databases quality

- INTERPOL Web Services for Data Management (WISDM) for managing national SLTD travel documents reported as lost, stolen, revoked or invalid.
- I-Link application for managing the exchange of police information and international cooperation requests related to persons.



Recommended best practices

- The utility that follows the API/PNR implementation is evident when API/PNR data is scrupulously checked against national and international watch list;
- Implementation of API/PNR system in parallel with the integration of INTERPOL/FIND service within existing border management systems to ensure systematic checks;
- In the implementation and the management of API/PNR, a strong cooperation between all national stakeholders, airlines, international organization and NCB is pivotal;
- For the correct use of the system, SOP has to be implemented for a clear and accurate API/PNR data processing flow and appropriate management of positive match;
- The use of i-API as it enables 2-way real-time communication on a passenger-by-passenger transaction basis initiated during check-in with benefits such as: 1) the governments' "Board" or "Do not Board" response to the airline in real time; 2) compatibility with INTERPOL FIND;
- Countries are encouraged to timely and accurately update INTERPOL databases;
- Single window is recommended for a better cooperation among stakeholders including NCBs;
- Countries are encouraged to handle API data according to UN/EDIFACT PAXLST standard.



INTERPOL proposal

- The INTERPOL's recognition in the API Guidelines;
- The participation of INTERPOL in the ICAO Working Group for PNR standardization with the purpose of ensuring harmonization with INTERPOL's technical solutions

UNCTT Countering Terrorist Travel Program

Integrate access to INTERPOL SLTD and Nominal databases into the UN-provided API/PNR platform.

Provide INTERPOL Capacity Building to UN 'GoTravel' platform recipient countries on National Standard Operating Procedures related to processing SLTD and Nominal database hits.

Create Working Group on API/PNR pattern analysis and database integration.

Enhance secure communication between Passenger Information Units (PIUs) and their access to INTERPOL I-24/7 through direct involvement of the National Central Bureaus.



Thank you

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