



ICAO

SECURITY & FACILITATION

NO COUNTRY LEFT BEHIND

TRIP2015

REGIONAL SEMINAR

# API in light of UNSCR 2178

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## ICAO TRIP: Building Trust in Travel Document Security

# OBJECTIVE

- Understand the complexities of passenger data programs
- Increase awareness of existing international standards and airlines' capabilities
- Understand that ICAO, WCO and IATA can offer assistance and expertise



# REQUIREMENTS IN EARLY 2000





# REQUIREMENTS TODAY

as of September 2013



# INCREASING NON-STANDARD REQUESTS

PNR:  
State Design



API:  
Web/Email



etc.

iAPI: Commercial Solution



# DEFINITIONS



# API

VS

# PNR

Definitions



**API helps identify people you know about.**

For instance : people on a watchlist

```
*** ELECTRONIC TICKET ***  
F 1.1TEST/HEXAMRS'  
WW6ACWW 25JUL KBR4Z5'  
1 AC 870 M TU 10SEP YULCDO  
FONE-'  
1.WW6-T HEXA'  
2.WW6-C 1 111 1231231/PAX'  
3.WW6-A TEST TRAVEL AGENCY AC  
N3 CA'  
4.WW6-E SHAILESHD//HEXAWARE.C  
TKT-'  
1.1 K25JULWW6WW 0142123729112  
AP FAX-'  
1.1 SSRDOCSYYHK1 //11MAR84
```

**PNRGOV (from PNR) helps notice people and trends you did not know about.**

For instance: suspicious travel patterns





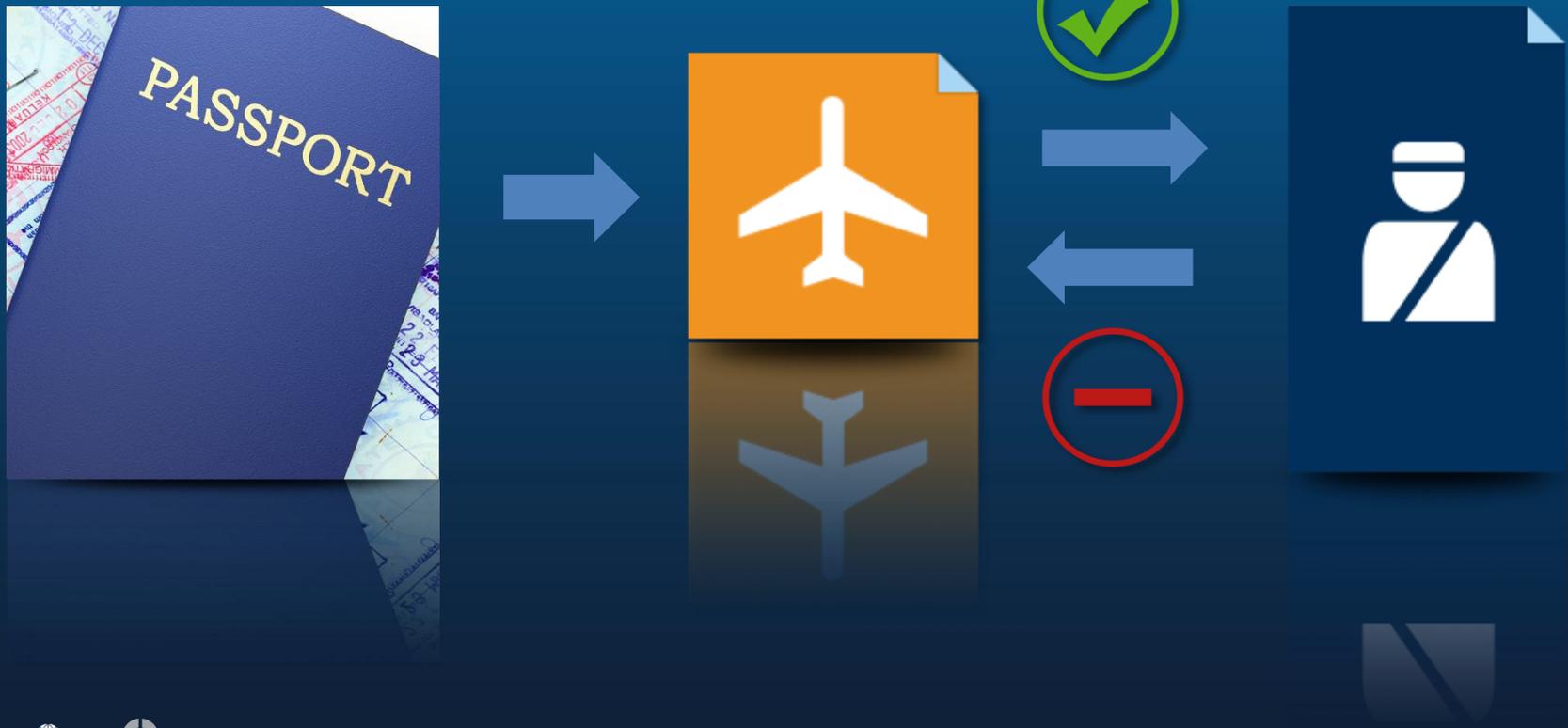
# API – TRANSMISSION

Legacy (Batch) API



# API – TRANSMISSION

Interactive API (iAPI)



# PASSENGER NAME RECORD (PNR)

Information about a person's travel reservation.  
It can be useful:

- For customs, law enforcement, security
- To help identify contraband, smuggling, etc
- To assist in risk assessment



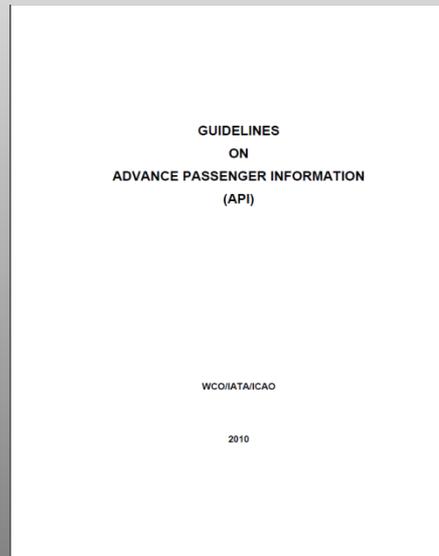
# PRIVACY AND DATA PROTECTION

- PNR contains personal data
- Countries have different perspectives on how much is “private” or how much can be shared
- State to State agreement may be necessary
- Sensitive data should not be required

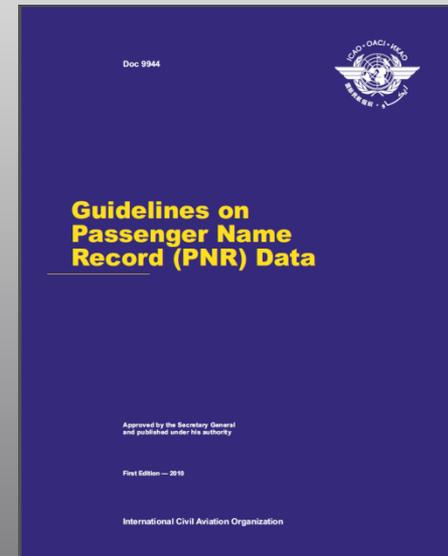
# WHERE TO FIND THE LIST OF DATA ELEMENTS



Standards and Recommended Practices for API, iAPI and PNR



API and iAPI data elements are listed in the WCO-IATA-ICAO Guidelines on API



PNR data elements are listed in the ICAO Guidelines on PNR Data (Doc. 9944)

# KEY PRINCIPLES

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“ACE” stands for

- Alignment with standards
- Cooperation with industry and other States (data protection)
- Efficiency: necessary data only

# SINGLE WINDOW



# INTERACTIVE API (iAPI)



# FUNDING AND TECHNICAL SUPPORT

Implementing API and/or PNR is a significant investment for government agencies.

IATA is working with the UN, ICAO, WCO and other partners to identify a ready source of funding, technical support and expertise.

“No Country should be left behind”.

# BENEFITS

# BENEFITS OF STANDARD TRANSMISSION

- ✓ Faster implementation
- ✓ Better compliance
- ✓ Cost control
- ✓ Reliable data
- ✓ Minimum impact on airport infrastructure

# HOW TO

# HOW TO SET UP A PASSENGER DATA EXCHANGE PROGRAM

- ✓ **Determine your needs** - Is the data necessary?
- ✓ **Familiarize yourself** with global standards
- ✓ **Include stakeholders** early
- ✓ **Approach foreign States** for any data protection issues
- ✓ **Check** that appropriate legislation is in place
- ✓ **Seek assistance** from experts
- ✓ **Cooperate** and remain flexible

# COST AND FUNDING



Heavy costs of

- Capturing
- Formatting
- Transmitting data



- Costs of systems development
- Interactive API is a sophisticated system that requires particularly heavy investment

API is a border security requirement. States should not charge airlines (or passengers) in a bid to subsidize their own development costs.

# GLOBAL CAPACITY BUILDING PROGRAM

- **IATA/ICAO/WCO Passenger Data Toolkit**
  - <http://www.iata.org/iata/passenger-data-toolkit/index.html>
- **IATA Guide to Facilitation**
  - Detailed summary Annex 9 Standards, Recommended Practices
- **API/PNR Days in cooperation with UN, ICAO and WCO**
  - Seminars for those States planning Passenger Data programs
- **Passenger Data Training**
  - Training on Passenger Data specifications for practitioners



WORLD CUSTOMS ORGANIZATION

can provide

## ASSISTANCE and EXPERTISE

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