The French API/PNR PIU project

2nd European API-PNR Day
13th October 2014, Paris
Agenda

- Events and legal Backgrounds
- French Project remainder
- Requirements and commitments
- Certification process
- Key points
I – Events and legal Backgrounds
Context

International background

- 9/11 events, Madrid and London bombing in 2004 and 2005, and more recently Bourgas airport in 2012 have been followed by governments’ measures:
  - Anti-terrorism national laws,
  - Increase of borders controls,
  - API + PNR data collection
    - 43 countries collect API data and 48 are aiming to,
    - 9 countries collect API + PNR and 33 are aiming to.

Context
EU background


- 18 EU Member states requested funds to EC call for proposals to set up their PIU for the processing of PNR data. 14 EU MS have received a grant.
Context

French legal background

- **23/01/2006** Anti-terrorism law (LAT) transposes the API Directive (articles L232-1 to 6 Code de la Sécurité Intérieure).

  - Collection and use of API and PNR data for prevention and prosecution of terrorism and serious crimes and violation of fundamental interests of the Nation
  - Applicable on 1st January 2014

  - Mandatory data transmission from 1 January 2015
II - French Project reminder
FR API/PNR PIU project

Project reminder

- December 2010: The « Conseil restreint de défense » decided to build a Passenger Information Unit, a platform to collect and process API and PNR data.

- 2011-2013: The French Prime Minister’s Cabinet created the cross-Government team (Customs, Ministry of Interior, Defense and Ministry of Transport) « Mission PNR » mandated to:
  - Analyze the state of play and define the needs,
  - Design and set up the PIU,
  - Follow the EU Directive works and contribute to national legal evolution.

- 2013: Call for tender

- January 2014: IT Project kick off
III - Requirements
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Requirements

- **API and PNR data collection (passengers and crew members)**

- **PUSH mode**
  - All types of air carriers (traditional, charters, low-costs),
  - Ingoing and outgoing international flights – including French overseas territories in 2015.

- **2 submissions to the French government single window:**
  - 48 hours before the flight departure for PNR,
  - At flight closure for API and PNR.
IV - Our commitments
FR API/PNR PIU project
Our commitments

I Compliance with international standards
  - WCO/IATA/ICAO promoted PAXLST (API) and PNRGOV (PNR) messages;
  - Single Window.

II Various connectivity
  - EDI / M2M
    - SITA/ARINC connection
    - Direct access
    - Type B/MQ/Web services
  - Web based (DTI)
    - Internet web site to drop files or manually fill forms.

→ Costs and delay limitation
## Context

**FR API data**

<table>
<thead>
<tr>
<th>API DATA</th>
<th>PAXLST 2003</th>
<th>PAXLST 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flight data</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Border crossing point of entry/exit from the territory</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Flight code (flight number and airline code)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Time of departure and arrival of transportation</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Flight date</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Point of departure and arrival of the flight</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Total number of passengers carried on that transport (passengers and crew)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Point of embarkation and disembarkation</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td><strong>MRZ data</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Travel document type and number</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Nationality, name, surname, date of birth and gender</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Expiration Date of Official Travel Document</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Issuing State of the Travel Document</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td><strong>Additional elements</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Status of the boarded passenger (crew, passenger coming from an inbound flight or intending to take an outbound flight)</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>- Amount, weight and identification of the luggage</td>
<td></td>
<td>X*</td>
</tr>
<tr>
<td>- Seat number</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>- Passenger Name Record Locator Number (or Unique Identifier)</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

* A DMR is under discussion for the total weight of the luggage
## Context

**FR PNR data**

<table>
<thead>
<tr>
<th></th>
<th>Passenger Name Record data as far as collected by air carriers</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>PNR record locator</td>
</tr>
<tr>
<td>(2)</td>
<td>Date of reservation/issue of ticket</td>
</tr>
<tr>
<td>(3)</td>
<td>Date(s) of intended travel</td>
</tr>
<tr>
<td>(4)</td>
<td>Name(s)</td>
</tr>
<tr>
<td>(5)</td>
<td>Address and contact information (telephone number, e-mail address)</td>
</tr>
<tr>
<td>(6)</td>
<td>All forms of payment information, including billing address</td>
</tr>
<tr>
<td>(7)</td>
<td>Complete travel itinerary for specific PNR</td>
</tr>
<tr>
<td>(8)</td>
<td>Frequent flyer information</td>
</tr>
<tr>
<td>(9)</td>
<td>Travel agency/travel agent</td>
</tr>
<tr>
<td>(10)</td>
<td>Travel status of passenger, including confirmations, check-in status, no show or go show information</td>
</tr>
<tr>
<td>(11)</td>
<td>Split/divided PNR information</td>
</tr>
<tr>
<td>(12)</td>
<td>General remarks (including all available information on unaccompanied minors under 18 years, such as name and gender of the minor, age, language(s) spoken, name and contact details of guardian on departure and relationship to the minor, name and contact details of guardian on arrival and relationship to the minor, departure and arrival agent)</td>
</tr>
<tr>
<td>(13)</td>
<td>Ticketing field information, including ticket number, date of ticket issuance and one-way tickets, Automated Ticket Fare Quote fields</td>
</tr>
<tr>
<td>(14)</td>
<td>Seat number and other seat information</td>
</tr>
<tr>
<td>(15)</td>
<td>Code share information</td>
</tr>
<tr>
<td>(16)</td>
<td>All baggage information</td>
</tr>
<tr>
<td>(17)</td>
<td>Number and other names of travellers on PNR</td>
</tr>
<tr>
<td>(18)</td>
<td>Any Advance Passenger Information (API) data collected</td>
</tr>
<tr>
<td>(19)</td>
<td>All historical changes to the PNR listed in numbers 1 to 18</td>
</tr>
</tbody>
</table>
FR API/PNR PIU project
Our commitments

III Guidelines to support air industry

- 09/2014: Publication of French guidelines on the IATA extranet and in the next days on the French DGAC WebSite;
- Main use cases description: the operating airline is responsible for sending data;
- Perimeter definition and technical requirements (MQ specification ...);
- Data Matrix to facilitate the data description.
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Our commitments

IV Progressive rollout:
- 2014: Pilot implementation along with 4 typical air carriers and their data providers
- Progressive deployment from 2015 to connect 230 Airlines
- The first airlines will be notified in October 2014 in order to start certification process in the beginning of 2015.

V. A customized relation with Airlines and industry
- A multi steps process:
  - Notification, technical certification (air carrier or data provider), air carrier accreditation;
  - Data providers technical autonomous certification environment;
  - Progressive roll out for carriers (per route connection).
- A support from French government:
  - To increase data quality
  - To monitor transmissions
Interconnection process

Agenda

Before
0. Notification
- Forms and guidelines collection
- Request for accreditation/certification Form completion

Time line
1. Accreditation or certification request
2. Request validation
   - Data analysis
   - Common agenda for target deployment
3. Technical Certification
   - Protocoles
   - Messages structure et formats
   - Data compliance
4. Accreditation or Certification
   - Connection to production environment
V - Key points
Proposal for a Check-list
(PNRCGOV WG – Washington 04/2014)

- Determine national project leader or cross-government unit
- Determine volumes, costs & budget (in-house or procurement)
- Set up national regulation and analyze third country problematic
- Familiarize with PNRGOV documentation
- Identify the data to be collected
- Determine messaging & data requirements
- Identify flights, routes and operators
- Identify a testing strategy for a customized relation
- Guidelines publication
- Set up data quality monitoring, reporting, tracking
- API/PNR Single window strategy
FR API/PNR PIU project

Mission PNR

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