Implementation Forum 2020

—– AggSky Introduction

TravelSky
Xie Jia
Overview

AggSky is:

- NDC aggregator Platform
- Source: NDC/GDS/Non Air
- Distributed to various marketing channels

2019
- Initiation Phase
  - 2019.3 Founded
  - 2019.8 Sold first overseas airline's NDC ticket

2019.11 Access Domestic Airline Level 4 Certification

2020
- Marketing Phase
  - 2020.3 Launches Unified standard interface with first OTA
  - 2020.6 Launches agent desktop overseas marketing
  - 2020.12 Global marketing
AggSky Implementation

- **Latest schema version implemented**
  18.2

- **Servicing messages implemented**
  AirShopping
  OfferPrice
  OrderCreateOrderRetrieve
  OrderChange
  OrderReshop
  OrderCancel
  ServiceList
  SeatAvailability

- **Roles**
  Aggregator

- **Ancillaries supported**
  All

- **Payment method supported**
  Cash&CC

- **1 other feature you would like to highlight**
  BOP

- **1-2 implementation successes**
  10+

- **1-2 big implementation concerns**
  Ticket Refund
  Ancillaries Refund
AggSky Advantage

1. Travelsky's abundant products with business accumulation
2. Abundant distributions channels of domestic and overseas
3. Integrated with GDS's resources
4. Integrated with Travelsky's front-end and backend products
Road Map

- **2020.3**: Unified standard interface
- **2020.6**: Implementation on TravelSky TMC Desktop
- **2020.12**: Implementation on TravelSky General Portal
  - Access to search engine
Implementation on TMC Desktop

- Single airline or multi-airline search
- NDC message's uniform display
- Brand fare
Implementation on TMC Desktop

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### 品牌运价详情

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### 附加服务

#### 行李

- LHR-HEL
  - PRE PAID BAGGAGE CNY105
  - EXCESS PIECE SPECIAL CHARGE CNY512
  - BICYCLE CNY429
  - PET IN CABIN CNY312
  - PET IN HOLD CNY585

- HEL-LHR
  - PRE PAID BAGGAGE CNY293
  - EXCESS PIECE SPECIAL CHARGE CNY468
  - BICYCLE CNY644
  - PET IN CABIN CNY312
  - PET IN HOLD CNY585

#### 机上服务

- LHR-HEL
  - BROWSING INTERNET OVER 2H CNY55
  - STREAMING INTERNET OVER 2H CNY101
  - FETA AND SPINACH SALAD CNY55
  - COLD SMOKED SALMON RYE BREAD CNY55
  - SMOKED SALMON PREMIUM PLATTER CNY94
  - SMOKED REINDEER FLATBREAD CNY63
  - RUSTIC BEEF PASTRAMI BAGUETTE CNY63
  - CHICKEN CAESAR BAGEL CNY55
  - OAT ROLL WITH CHEESE CNY47

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### Ticket and ancillary integrated sale

Combined sale according to itinerary
Implementation on TMC Desktop

Sale Ancillary after issuance
Implementation in Payment and Settlement

**Route One: Dovepay’s BSP solution**

Provide solutions to overseas airline who need to sell NDC ticket through BSP in Chinese market.

**Participants**
- AggSky
- IATA
- Agent
- Airline
- DovePay

**Route Two: NDC-Link Direct Sale Solution**

For airlines rely on BSP method, NDC-Link enable airlines’ direct sale with transition BSP method.

**Route Three: Card Payment Direct Sale solution**

Airline settling with agencies with credit or debit card
Development Kit

- reduce development work
- reduce bug rate
- improve development efficiency

Developing Tools Package

- Message Entity: Automatically generate Entities based on NDC API schemas
- XML and Entity Conversion: Convert request class to XML format request, Convert XML format response to response class
- API Testing Tools: An easy to use solution for API testing support XML format transaction
Questions

- For Airline: Fully support refund and reissue of ancillaries.
- For Airline: Enable brand fare, ticket refund policy and ancillaries information returned in all airline returned XMLs, not merely in offerPriceRS.
- For IATA: Could have more detail guide or uniform the use of NDC Standards.
Implementation Difficulties

Unstructed Data

```
<BaggageAllowance>
  <BaggageAllowanceID>_BAGA_Ba0d0b3160bac2a63fccc6bfa</BaggageAllowanceID>
  <DescText>CHECKED BAGGAGE UP TO 23KGS</DescText>
  <DescText>MUSICAL INSTRUMENT MEDIUM 23KG</DescText>
  <DescText>SKI OR SNOWBOARD UP TO 23KG</DescText>
  <DescText>SPORT EQP MEDIUM UP TO 23KG</DescText>
  <PieceAllowance>
    <ApplicablePartyText>Traveler</ApplicablePartyText>
    <TotalQty>1</TotalQty>
  </PieceAllowance>
  <TypeCode>CheckedBag</TypeCode>
</BaggageAllowance>
```

Ambiguous attributes' standard

```
<OfferExpiration>
  <OfferExpiration DateTime="2020-03-30T07:42:19Z"></OfferExpiration>
</OfferExpiration>
<OfferExpiration>
  <OfferExpiration DateTime="2020-04-14T03:07:11Z"></OfferExpiration>
</OfferExpiration>
<OfferExpiration>
  <OfferExpiration DateTime="2020-04-14T03:18:25Z"></OfferExpiration>
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  <OfferExpiration DateTime="2020-01-19T09:02:13.731Z"></OfferExpiration>
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  <OfferExpiration DateTime="2020-05-13T15:03:51.747+08:00"></OfferExpiration>
</OfferExpiration>
<OfferExpiration>
  <OfferExpiration DateTime="2019-11-21T04:55:00"></OfferExpiration>
</OfferExpiration>
```
Additional Questions

- Regarding to Payment & Billings, what is IATA’s standard and guidance and latest progress?
- What would be the most significant feature of the new version, what should we concern for when updating?
感谢观看！THANK YOU！