



**Your guarantee to have  
the right fare at the right time**

**Amadeus**  
Ticket-ability of  
a Pricing Solution

# Ticket-ability of a Pricing Solution

## 1. Introduction:

"**Ticket-ability of a Pricing Solution**" is a project that aims at better integrating the complexity and handling of the validating carrier concept under Amadeus pricing and ticketing modules. Its purpose is to provide Amadeus travel agents with a comprehensive and easy to use solution that ensures the relevance of the validating carrier selection in compliance with industry standards such as ATPCO and IATA rules.

## 2. Key features:

"**Ticket-ability of a Pricing Solution**" is composed of 3 features:

### A. Integration of the ticketing carrier validation checks at pricing time

Ensure that automated priced solutions are fully compliant with the Pricing and Ticketing Industry Standards (IATA resolutions 852 and 722g, ARC resolutions, ATPCO validating carrier selection logic and fare rules restrictions).

### B. Automated creation/update of the FV element in the PNR

Automate the validating carrier process end to end, meaning that the travel agent will no longer have to check which validating carrier should be used, neither to update the FV element accordingly.

### C. Security that automated tickets are issued with the relevant validating carrier

Ensure consistency between pricing and ticketing, by enforcing the use of the same validating carrier throughout the sale process.

### 3. Customer value:

- The appropriate fees (YQ/YR...) are calculated based on validating carrier eligible for ticketing, so compliant as per IATA regulation as well as ATPCO validating carrier selection logic (which defines how to determine the default validating carrier for an itinerary).
- Consistency of processing between pricing and ticketing rules.
- Gain of time since pricing solution should not be refused at ticketing time due to missing ticketing agreements.
- No more Agent Debit memos (ADM) due to an incorrect validating carrier.

### 4. Amadeus Recommendation:

Amadeus recommends you **NOT** to manually select any validating carrier. Thus, the preferred ticket-able validating carrier according to Industry standards is automatically processed for pricing and ticketing.

### 5. Overview and illustrations:

#### A. Integration of the ticketing carrier validation checks at pricing time “Ticket-ability Pre-check at Pricing Time”

It aims at pre-checking at pricing time the ticket-ability of the validating carrier, thus ensuring that the validating carrier returned at pricing time is eligible for ticketing, according to BSP, GSA, and Interline ticketing agreement tables.

In addition to determining the validating carrier based on a geographical hierarchy, Ticket-ability pre-checks ensure that the validating carrier determined at pricing is the most appropriate one for the itinerary, matching the ATPCO validating carrier selection logic, as well as the ticketing ARC/IATA Resolutions. This automatic determination is done against the following tables:

- BSP (TGBD),
- Interline Ticketing Agreement (TGAD)
- General Sales Agent – GSA (TGGSD)
- Electronic ticketing (TGETD)

As well as it should be a marketing carrier of the itinerary, or its GSA.

➤ **If no validating carrier has been pre-selected by the travel agent, then:**

- Pricing should return a validating carrier which is a marketing carrier of the itinerary, or its GSA.
- Pricing should first perform the checks to return a validating carrier eligible for electronic ticketing (i.e.: having electronic ticketing agreements with all marketing carriers of the itinerary).
- If no validating carrier exists for electronic ticketing, then pricing should perform the checks to return a validating carrier eligible only for paper ticketing. In a subsequent phase, a warning message will be shown in the pricing solution in order to inform the travel agent that the pricing solution returned is only eligible for paper ticketing.
- If no validating carrier exists for paper ticketing either, then no pricing solution will be returned. Pricing will fail with the following message: **“NO TICKETABLE VALIDATING CARRIER”**.

➤ **In case the validating carrier has been pre-selected by the travel agent (in FV element before pricing, or in the pricing entry using the R,VC-option) then:**

- The **Ticket-ability Pre-checks** should be performed against the pre-selected validating carrier.
- If the pre-selected validating carrier passed the **Ticket-ability Pre-checks**, then pricing solution should be returned with this validating carrier.
- If the pre-selected validating carrier failed the **Ticket-ability Pre-checks** (for example: if the pre-selected validating carrier failed the BSP table), then pricing solution should be returned with this validating carrier but with the following message: **“WARNING – VALIDATING CARRIER XX MAY NOT BE TICKETABLE”**. This means that the pricing solution with this pre-selected validating carrier should fail at ticketing time. So it is up to the travel agent to perform a manual ticketing or to re-price (using another validating carrier pre-selected or determined by the system).

➤ **Additional feature**

In addition to the above, the automatic check of the stock restriction is now available. This means that the validating carrier determined at pricing time will be checked against the stock restriction potentially filed at the category 15 or category 35 of the fare(s).

**Warning/Reminder:** Freeform text coding is not processed and not guaranteed in Amadeus.

Since Category 15 current process does not cover 100% of airlines needs regarding validating carrier (due to ATPCO lack of functionality – currently being discussed at the industry level), airlines sometimes have to file validating carrier restrictions in freeform text when no Category 15 coding possibility can cover their needs. So it remains travel agent responsibility to check the validating carrier restrictions potentially filed in free form text. Freeform text is not processed.

Example for sales restrictions that are filed in freeform:

```

FQDSYDLON/AQF
LN FARE BASIS      OW   AUD  RT   B PEN  DATES/DAYS   AP MIN MAX R
01 R2BOW           14105                R  -    -    -    +  + -  -  M
...
FQN1//SR
** RULES DISPLAY ** TAX MAY APPLY
SURCHG MAY APPLY-CK RULE
29JUN09**29JUN09/QF SYDLON/NSP;EH/TPM 10565/MPM 13237
LN FARE BASIS      OW   AUD  RT   B PEN  DATES/DAYS   AP MIN MAX R
01 R2BOW           14105                R  -    -    -    +  + -  -  M
FCL: R2BOW TRF: 4 RULE: 5518 BK: R
PTC: ADT-ADULT FTC: FR -FIRST CLASS RESTRICTED
SR.SALES RESTRICT

NOTE -
TICKETS MUST BE ISSUED ON THE STOCK OF QF/BA.

```

### ➤ Illustrations

Pre-Checks at pricing time aims at checking the following tables:

1. GSA table.
2. BSP table.
3. ITA (Interline Ticketing Agreements).

- **Example One**

If the itinerary on WY, MS and AH airlines, then pricing solution should be returned with MS as a validating carrier because MS having electronic ticketing agreements with all marketing carriers of the itinerary.

To check interline ticketing agreements, type:

>TGAD-MS/AH

- **Example Two**

If the itinerary on A7 airlines "Air Comet", then pricing solutions should be returned with HR "Hahn air" because A7 is not a BSP carrier in Egypt and HR is a GSA of A7 in Egypt.

To check the BSP carriers in Egypt, you can type:

>TGBD-EG

To check the GSA table in Egypt, you can type:

>TGGSD-EG

## B. Automated creation/update of the FV element in the PNR

Validating Carrier Automatic Selection & Enforcement helps you save time in pricing and ticketing steps and reduce ADMs due to wrong validating carrier thanks to fully integrated validating carrier logic in both pricing and ticketing areas.

### ➤ Illustrations

The validating carrier automatically determined and used for the pricing calculation is displayed in the pricing answer:

**“PRICED WITH VALIDATING CARRIER XX – REPRICE IF DIFFERENT VC”.**

```

FXP
01 SMITH/JANE *
LAST TKT DTE 26JAN10 - DATE OF ORIGIN
-----
      AL FLGT  BK T  DATE   TIME  FARE BASIS      NVB  NVA  BG
LON
PAR BA  0304 J   J 26JAN 0720  JFLOW                2P

GBP   385.00      26JAN10LON BA PAR635.00NUC635.00END ROE
                0.606290
GBP   15.00YQ      XT GBP 22.00GB GBP 21.20UB
GBP    2.50YQ
GBP   43.20XT
GBP   445.70
PRICED WITH VALIDATING CARRIER BA - REPRICE IF DIFFERENT VC
>
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```

After a successful confirmed pricing, the corresponding FV element(s) is automatically created in the PNR:

- It is passenger and segment associated, in order to be fully consistent with the returned pricing (and with the TST created at the same time).
- One FV element is created per TST generated. That's why one single pricing request can generate several FV elements in the PNR.

```

--- TST RLR ---
RP/LON1A2TAS/LON1A2TAS      AA/SU  8OCT09/1026Z  Z23DTN
1 SMITH/JANE  2 SMITH/MAGGIE (CHD/01JAN06)
3 BA 304 J 26JAN 2 LHRCDG HK2      5 0720 0940      E*
4 AP LON - AMADEUS NICE - A
5 TK OK08OCT/LON1A2TAS
6 SSR CHLD BA HK1 01JAN06/P2
7 FV PAX BA/S3/P2
8 FV PAX BA/S3/P1
  
```

### C. Security that automated tickets are issued with the relevant validating carrier “Validating Carrier Enforcement”

The Validating Carrier Enforcement is a check at ticket issuance time (TTP) which ensures that the validating carrier used for pricing is the same as the one used for ticketing.

If they are different, the issuance is rejected and the following error message is displayed:

**“VALIDATING CARRIERS DO NOT MATCH: REPRICE OR MODIFY FV”.**

#### ➤ Illustrations

The check applies only if the TST is automated.

Example:

```

--- RLR ---
RP/NCE1A0950/NCE1A0950          AA/SU  12OCT09/1510Z  2CB5ZS
NCE1A0950/0001AA/12OCT09
1 .SMITH/SARAH MRS
2  BA 005 Y 04APR 7 LHRNRT HK1  1345 0910  05APR  E  BA/NOSYNC
3  JL 403 Y 15APR 4 NRTLHR HK1  1410 1835  15APR  E  JL/KG3N66
4  AP NCE 33492943273 - AMADEUS PRODUCT PLANNING - A
5  TK OK12OCT/NCE1A0950

FXP
01 SMITH/SARAH*
LAST TKT DTE 04APR10
-----
      AL FLGT  BK T DATE  TIME  FARE BASIS          NVB  NVA  BG
LON
TYO BA  0005 Y  Y 04APR 1345  YIF                                1P
LON JL  0403 Y  Y 15APR 1410  YRT                                20

GBP 4615.00          04APR10LON BA TYO3805.93JL LON3805.93NUC
EUR 4981.00          7611.86END ROEO.606290
EUR  138.50YQ          XT EUR 53.96GB EUR 24.07UB EUR 15.54SW
EUR   5.17YQ
EUR   93.57XT
EUR  5218.24
RATE USED 1GBP=1.079153EUR
PRICED WITH VALIDATING CARRIER BA - REPRICE IF DIFFERENT VC
>
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```

The validating carrier used for the pricing calculation in this example is BA, the FV element is automatically created/updated in the PNR. If the FV element is modified after pricing,

```

--- RLR ---
RP/NCE1A0950/NCE1A0950          AA/SU  12OCT09/1510Z  2CB5ZS
NCE1A0950/0001AA/12OCT09
  1.SMITH/SARAH MRS
  2  BA 005 Y 04APR 7 LHRNRT HK1  1345 0910  05APR  E  BA/NOSYNC
  3  JL 403 Y 15APR 4 NRTLHR HK1  1410 1835  15APR  E  JL/KG3N66
  4 AP NCE 33492943273 - AMADEUS PRODUCT PLANNING - A
  5 TK OK12OCT/NCE1A0950
  6 FV PAX BA/S2-3
>6/JL

```

The issuance is rejected:

```

--- TST RLR ---
RP/NCE1A0950/NCE1A0950          AA/SU  12OCT09/1512Z  2CB5ZS
NCE1A0950/0001AA/12OCT09
  1.SMITH/SARAH MRS
  2  BA 005 Y 04APR 7 LHRNRT HK1  1345 0910  05APR  E  BA/NOSYNC
  3  JL 403 Y 15APR 4 NRTLHR HK1  1410 1835  15APR  E  JL/KG3N66
  4 AP NCE 33492943273 - AMADEUS PRODUCT PLANNING - A
  5 TK OK12OCT/NCE1A0950
  6 FP CASH
  7 FV PAX JL/S2-3
>TTP/RT

```

```

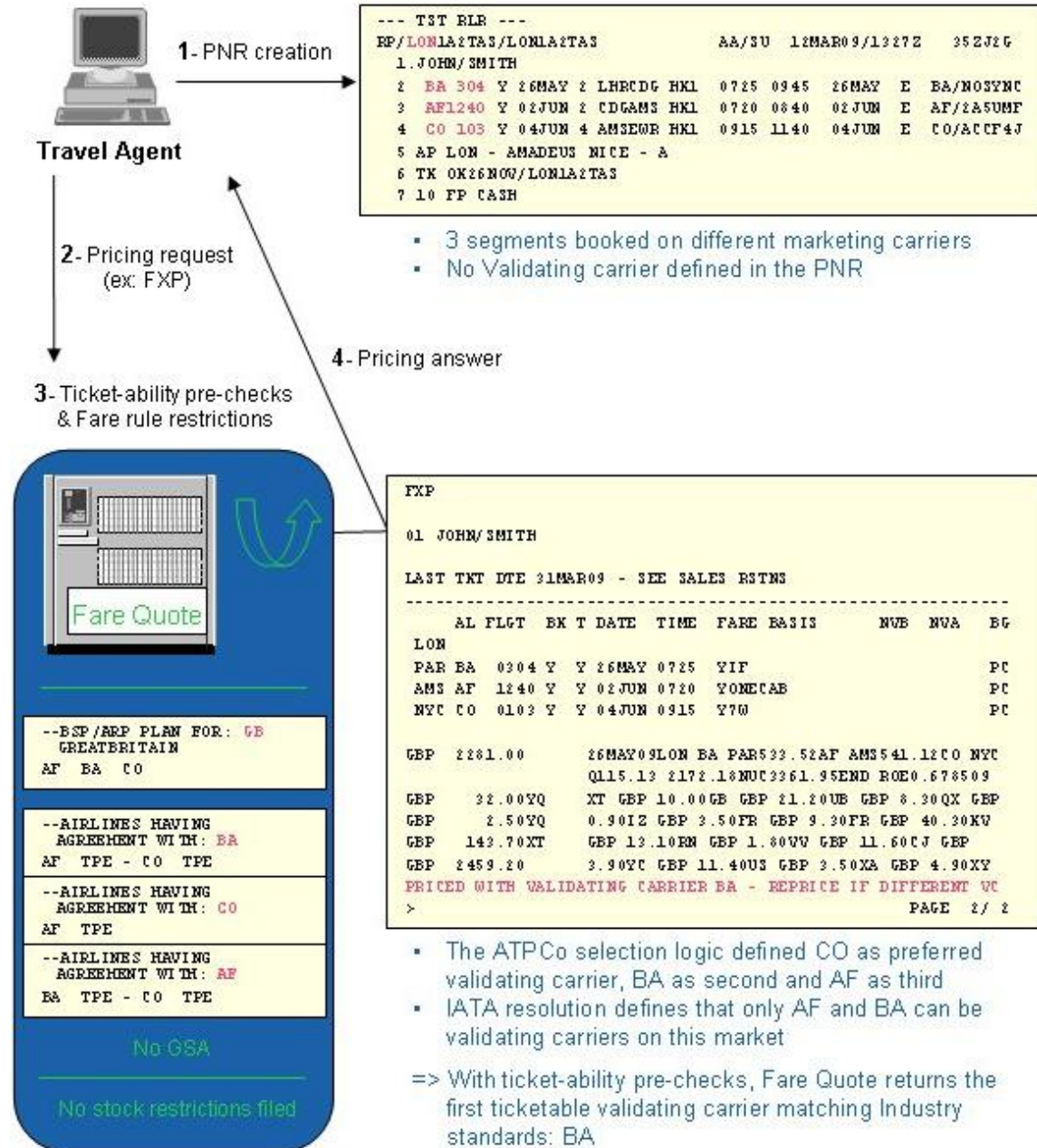
VALIDATING CARRIERS DO NOT MATCH :REPRICE OR MODIFY FV

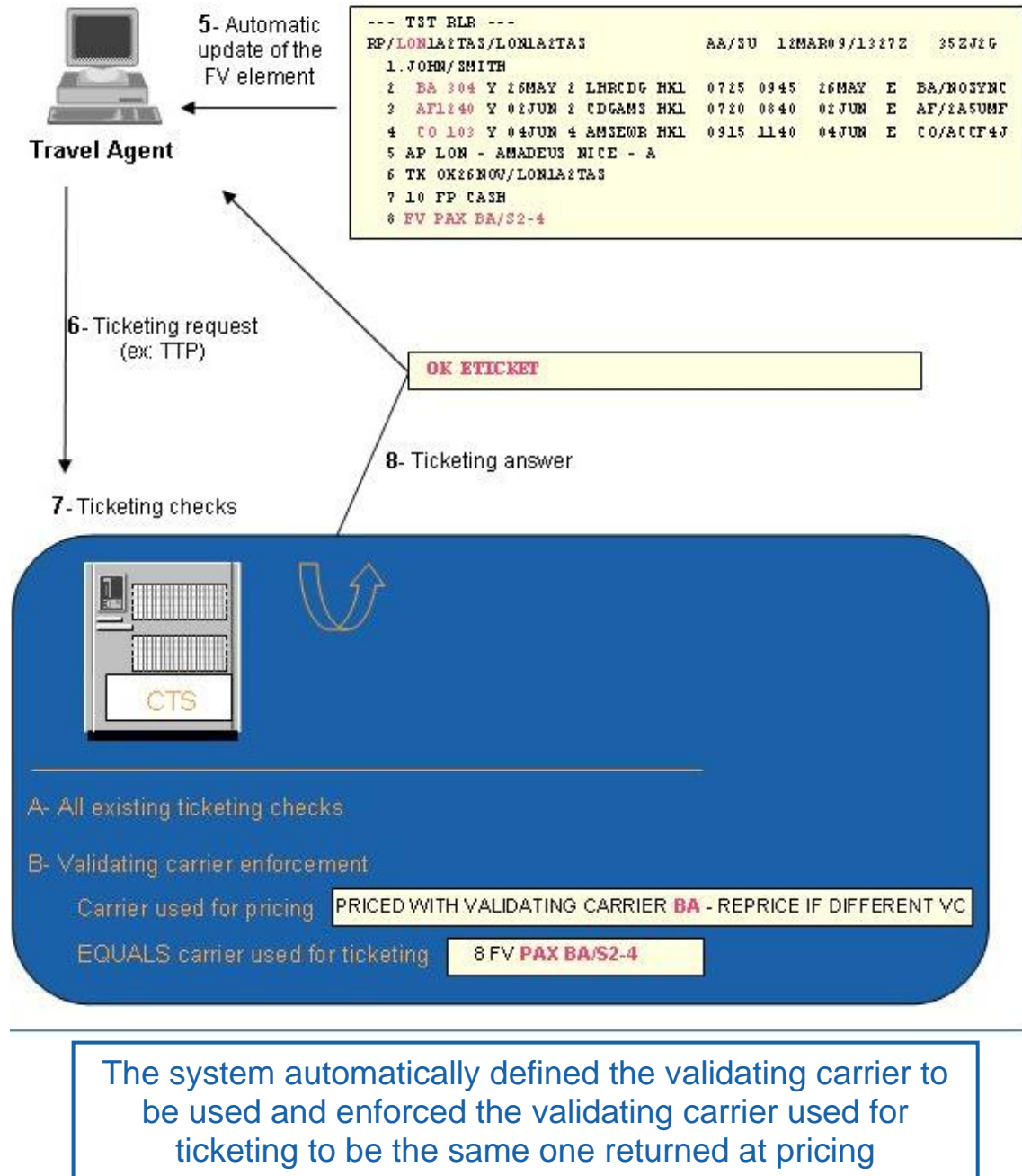
```

## 6. Standard model illustration:

Amadeus highly recommends travel agents to follow this standard model in terms of validating carrier selection.

**DO NOT** precise any validating carrier in the PNR “FV element” or in the pricing entry “R,VC-XX”. Thus, at pricing time, the system will automatically return the first preferred ticket-able validating carrier available according to industry standards.





## 7. Useful entries:

- >**TGGSD-EG** To check the GSA table in Egypt.
- >**TGGSD-EG/KL** To check the GSA airlines for KL in Egypt.
- >**TGBD-EG** To display BSP market table in Egypt.
- >**TGAD-KL/NW** To check the interline ticketing agreements between KL and NW.
- >**TQC/T1** To check the validating carrier selected while pricing the stored TST.