

Worldspan D.I.R. Pricing and User Supplied Itinerary Pricing Response Message Enhancements

Return Fare Origin Tags at Passenger Pricing Level

Developer Advisory Number:	503																
Version:	01																
Load To Production:	04-Nov-14 06:00 EDT 11:00 GMT																
High Level Description:	<p>Return "Fare Origin Tag" at passenger level in pricing and User Supplied Itinerary Pricing results. Current tags returned by the system are Published (PUB), Private SecuRate (SR) and SecuRate Air-Plus (SRP) and these still apply for this enhancement.</p> <p>No changes to the current Pricing and User Supplied Itinerary Pricing request messages.</p>																
Impact Summary:	Worldspan D.I.R. Pricing and User Supplied Itinerary Pricing response messages will contain new Fare Origin Tags at the passenger pricing level.																
Reason For Issue:	First Notification																
Customer Impact:	<table border="0"> <tr> <td><input type="checkbox"/></td> <td>Internal Only</td> <td><input checked="" type="checkbox"/></td> <td>Developers</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Agency Customers</td> <td><input checked="" type="checkbox"/></td> <td>Airline Customers</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>eCommerce Customers</td> <td><input type="checkbox"/></td> <td>Car, Hotel, Rail or Cruise Customers</td> </tr> </table>	<input type="checkbox"/>	Internal Only	<input checked="" type="checkbox"/>	Developers	<input checked="" type="checkbox"/>	Agency Customers	<input checked="" type="checkbox"/>	Airline Customers	<input checked="" type="checkbox"/>	eCommerce Customers	<input type="checkbox"/>	Car, Hotel, Rail or Cruise Customers				
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<input checked="" type="checkbox"/>	AXESS	<input type="checkbox"/>	Merchandising														
Load To Copy:	Available now																
Web Services: (API and Messaging)	Development required to D.I.R. Pricing and User Supplied Itinerary Pricing response messages to return new Fare Origin Tags at the passenger pricing level.																

Issue History:

Version 01

Overview

Currently the D.I.R. Pricing (PRC) and D.I.R. User Supplied Itinerary Pricing (DLA) response messages return the Fare Origin Tag in the message advisor test node. e.g. `PRC.ADA.AD{tag}` or `DLA.ADA.AD{tag}`.

Customers have requested these same tags be returned at the passenger pricing level. Current tags returned by the Travelport Worldspan system are Published (PUB), Private SecuRate (SR) and SecuRate Air-Plus (SRP) and these will now be returned at the passenger pricing level in three new nodes.

Customer Benefit

- Return the Fare Origin Tag at passenger pricing level as well as overall pricing level

Detail and Customer Examples

The following sections will contain the D.I.R. message diagram, data description tables and message example demonstrating the placement of the new Fare Origin nodes.

D.I.R. Pricing Response Message Enhancement

- Current Fare Origin Tags returned by the Travelport Worldspan system: Published (PUB), Private – SecuRate (SR) and Private – SecuRate Air-Plus (SRP).
- No change to D.I.R. request message for this enhancement.
- No change to the D.I.R. response message to return the current Fare Origin tag(s) SR, SRP PUB in the Advisory Text e.g. `PRC.ADA.AD{SRP}`.
- The only enhancement is to the D.I.R. response message with the addition of three (3) new nodes to return the specific “Fare Origin Tag” (SecuRate – SR, SecuRate-Plus - SRP and if applicable (SR/SRP) associated to Public - PUB).
- Normally a single Private (SR or SRP) tag will be returned but in some cases a combination of Private (SR or SRP) may be returned with a Published (PUB) tag. In very rare cases involving international travel with child or infant-in-seat, type fares the Public “PUB” Fare Origin Tag may be returned as a single tag because no Private (SR or SRP) was filed for that passenger type.

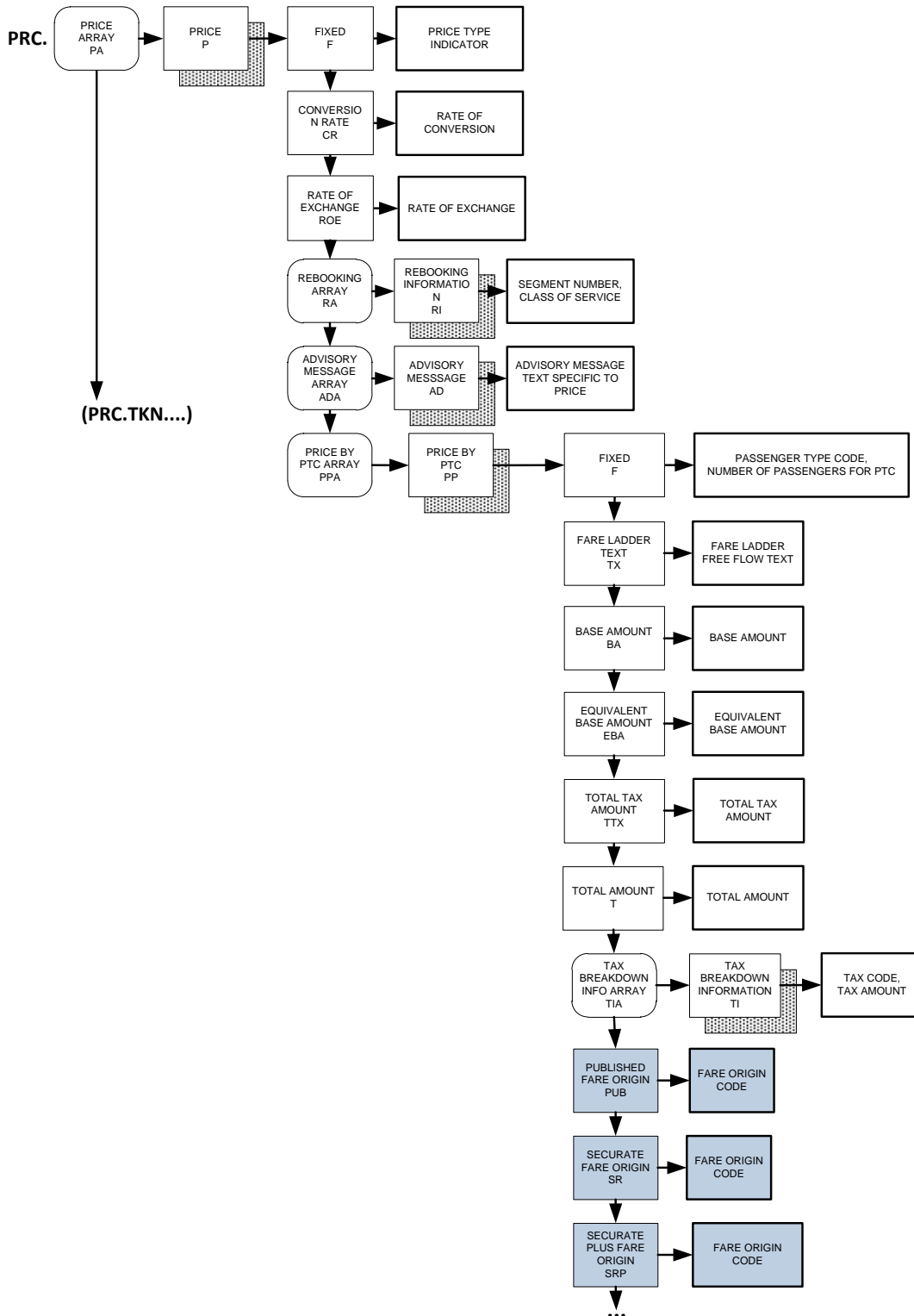
Current User Pricing Input:

```
>4PFSR|/@@SECURATE.AC
```

Current User Pricing Output:

```
>4PFSR|/@@SECURATE.AC(  
  PNR PRICED ON 24APR FOR TKTG ON 24APR  
* /-REFUNDABLE-/  
* PRICING RULES VALIDATING CARRIER DEFAULT UA  
* SURCHARGE APPLIED *  
* FARE SELECTED - SRP PUB  
* AC SECURATE  
** 30MAY DEPARTURE DATE/ 30MAY IS LAST DATE TO TICKET  
* FARE MAY CHANGE UNLESS TICKETED *  
  
TICKET      BASE USD          TX/FEE USD      TKT TTL USD  
ADT01       1570.46             146.28         1716.74  
*TTL        1570.46             146.28         1716.74  
  
FBC ADT QPROMO21/YUA  
ADT LAX UA DEN Q35.81 623.72UA X/CHI Q55.81 UA MIA835.12USD  
  1570.46END UA ZPLAXDENORD XT7.50AY9.00XF LAX4.5DEN4.5  
  TX 117.78US 12.00ZP 7.50AY 9.00XF  
///truncated screen example to save document space///
```

D.I.R. Pricing Response Diagram with Fare Origin Tags



D.I.R. Pricing Response Data Description Tables with Fare Origin Tags

Below are the new D.I.R. logical data records developed for this enhancement.

Published Fare Tag at Pricing/Passenger Level **PRC . PA . P . PPA . PP . PUB { PUB }**
 Private SecuRate Fare Tag at Pricing/Passenger Level **PRC . PA . P . PPA . PP . SR { SR }**
 Private SecuRate Air-plus Fare Tag at Pricing/Passenger Level **PRC . PA . P . PPA . PP . SRP { SRP }**

Pricing Data – Per Passenger Type Code

PRC . PA . P . PPA . PP . PUB Public Fare Origin

Description	Data type	Size
Fare Origin Tag – Public Fare (PUB) NOTE: This tag will only be returned when associated to SecuRate SR or SecuRate-Plus. SRP only, never alone.	FL alpha	3

PRC . PA . P . PPA . PP . SR SecuRate Fare Origin

Description	Data type	Size
Fare Origin Tag – Private Fare/SecuRate (SR)	FL alpha	2

PRC . PA . P . PPA . PP . SRP SecuRate Air-Plus Fare Origin

Description	Data type	Size
SecuRate Air-Plus Tag – Private Fare SecuRate Air Plus (SRP)	FL alpha	3

D.I.R. Pricing Response Mock-up Message Example with Fare Origin Tags

Request Message (formatted layout)

```
PRCQ . F { MD3M5CABBB                      BB              BBBBBB }
PRCQ . ACA . AC { ASECRATE }
PRCQ . FRA . FR { SR }
```

Response Message (formatted layout)

```
PRC . TKN . F { USD0201 }
PRC . TKN . TF { 1716.74 }
PRC . TKN . BF { 1570.46 }
PRC . TKN . TA . TD . F { LAXDENUA 0102 }
PRC . TKN . TA . TD . ACA . ACD { LAX        }
PRC . TKN . TA . TD . ACA . ACD { DEN        }
PRC . TKN . TA . TD . CCA . CCD { LAX        }
PRC . TKN . TA . TD . CCA . CCD { DEN        }
```

```

PRC.TKN.TA.TD.FBA.FBC{BYUA}
PRC.TKN.TA.TD.F{DENMIAUA 0203}
PRC.TKN.TA.TD.ACA.ACD{DEN  }
PRC.TKN.TA.TD.ACA.ACD{ORD  }
PRC.TKN.TA.TD.ACA.ACD{MIA  }
PRC.TKN.TA.TD.CCA.CCD{DEN  }
PRC.TKN.TA.TD.CCA.CCD{CHI  }
PRC.TKN.TA.TD.CCA.CCD{MIA  }
PRC.TKN.TA.TD.FBA.FBC{BQPROMO21}
PRC.TKN.PTA.PT.PTF{1716.74}
PRC.TKN.PTA.PT.PBF{1570.46}
PRC.TKN.PTA.PT.F{01ADT}
PRC.ADA.AD{* /-REFUNDABLE-/ * PRICING RULES VALIDATING CARRIER
DEFAULT UA}
PRC.ADA.AD{* SURCHARGE APPLIED *}
PRC.ADA.AD{* FARE SELECTED - SRP} (Current Private Fare Node)
PRC.ADA.AD{* FARE MAY CHANGE UNLESS TICKETED *}
PRC.F{MD3M5CBBBBABAUUA USD 2014114BB201411420141502014150 }
PRC.ACA.AC{SECURATE}
PRC.PA.P.TTL.GTX{146.28}
PRC.PA.P.TTL.GT{1716.74}
PRC.PA.P.TTL.TBA{1570.46}
PRC.PA.P.TTL.CUR{USD USD}
PRC.PA.P.PPA.PP.TIA.TI{US117.78}
PRC.PA.P.PPA.PP.TIA.TI{ZP12.00}
PRC.PA.P.PPA.PP.TIA.TI{AY7.50}
PRC.PA.P.PPA.PP.TIA.TI{XF9.00}
PRC.PA.P.PPA.PP.TX{ADT LAX UA DEN Q35.81 623.72UA X/CHI Q55.81 UA
MIA835.12USD1570.46END UA ZPLAXDENORD XT7.50AY9.00XF
LAX4.5DEN4.5}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.F{USD01 623.72}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.ADV{BAGGAGE CHARGES MAY APPLY-
CHECK WITH CARRIER}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.BAG{G0}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.FBC{YUA}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.F{01UA 370Y LAXDENA}
PRC.PA.P.PPA.PP.PUA.PU.F{01}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.F{USD01 835.12}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.ADV{BAGGAGE CHARGES MAY APPLY-
CHECK WITH CARRIER}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.BAG{G0}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.F{02UA 1707Y DENCHIB}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.ADV{BAGGAGE CHARGES MAY APPLY-
CHECK WITH CARRIER}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.BAG{G0}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.FBC{YUA}
PRC.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.F{03UA 5486Y CHIMIAA}
PRC.PA.P.PPA.PP.PUA.PU.F{02}
PRC.PA.P.PPA.PP.TTX{146.28}
PRC.PA.P.PPA.PP.T{1716.74}
PRC.PA.P.PPA.PP.BA{1570.46}
PRC.PA.P.PPA.PP.F{ADT01}
PRC.PA.P.PPA.PP.SRP{SRP} (New Private Fare Node)
PRC.PA.P.F{A}

```

D.I.R. User Supplied Itinerary Pricing Response Message Enhancement

- Current Fare Origin Tags returned by the Travelport Worldspan system: Published (PUB), Private – SecuRate (SR) and Private – SecuRate Air-Plus (SRP).
- No change to D.I.R. request message for this enhancement.
- No change to the D.I.R. response message to return the current Fare Origin tag(s) SR, SRP PUB in the Advisory Text e.g. DLA.ADA.AD{SRP}.
- The only enhancement is to the D.I.R. response message with the addition of three (3) new nodes to return the specific “Fare Origin Tag” (SecuRate – SR, SecuRate-Plus - SRP and if applicable (SR/SRP) associated to Public - PUB).
- Public “PUB” Fare Origin Tag will never be returned as a single tag, it will always be accompanied by SR or SRP in the D.I.R. response.

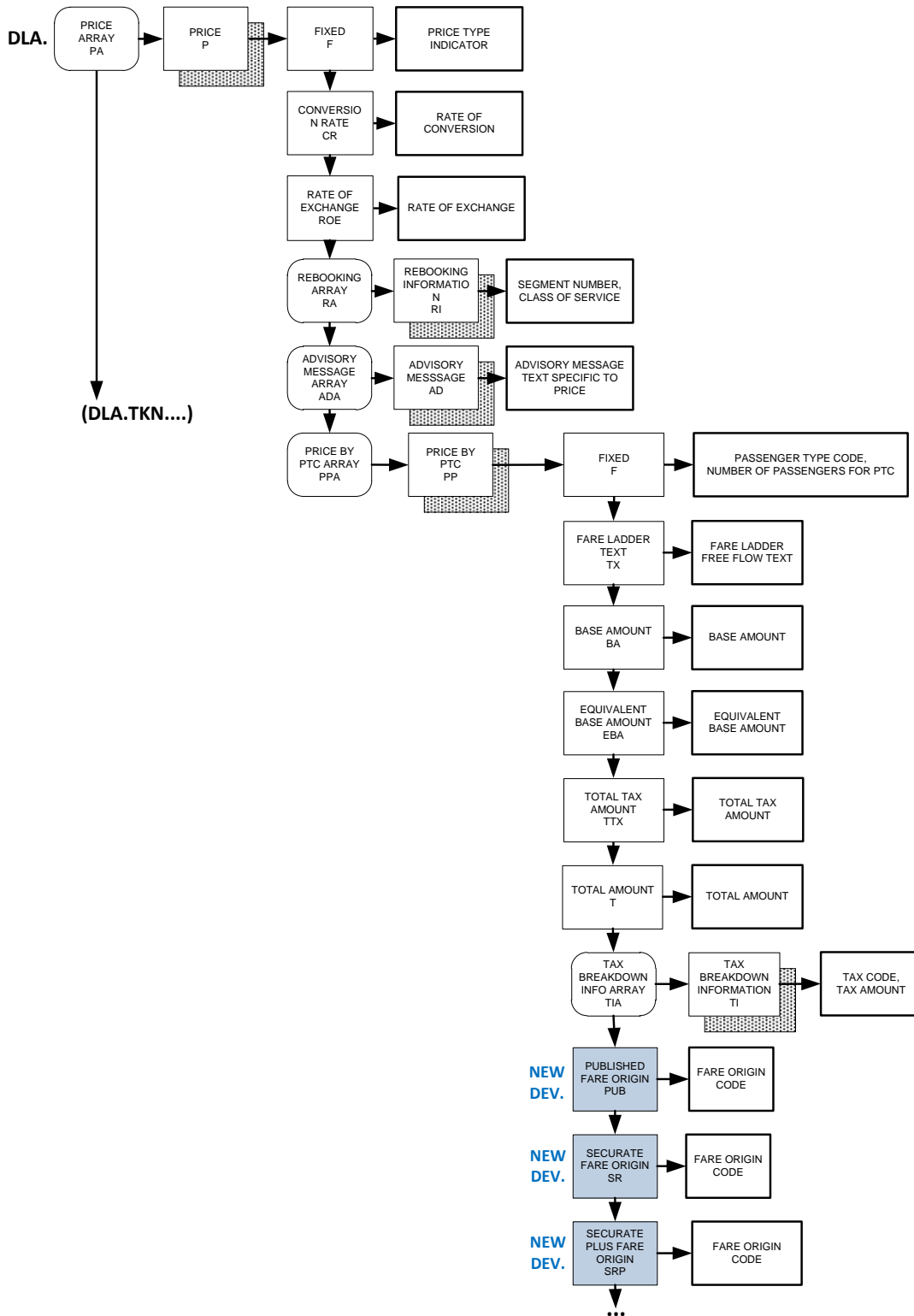
Current User Supplied Itinerary Pricing Input:

```
>$A30MAYLAXDEN*Y.UAOPEN/R06JUNDENMIA*Y.-
UAOPEN#FSR#P1ADT/1CNN#/@@SECURATE.AC
```

Currently the system returns the Fare Origin tags at the top of the screen response as advisory text and D.I.R. returns it in the “Advisory Array” (e.g. DLA.ADA.AD) in the response message.

```
>$A30MAYLAXDEN*Y.UAOPEN/R06JUNDENMIA*Y.-
UAOPEN#FSR#P1ADT/1CNN#/@@SECURATE.AC (
* /-REFUNDABLE-/
* PRICING RULES VALIDATING CARRIER DEFAULT UA
* SURCHARGE APPLIED *
* FARE SELECTED ADT - SRP PUB
* AC SECURATE
* FARE SELECTED CNN - SRP PUB
* AC SECURATE
** 30MAY DEPARTURE DATE/ 30MAY IS LAST DATE TO TICKET
TICKET      BASE USD      TX/FEE USD      TKT TTL USD
ADT01      1225.82      113.94      1339.76
CNN01      1225.82      113.94      1339.76
*TTL      2451.64      227.88      2679.52
*LOWEST FARE
FBC ADT H2UPY3*YUA
  CNN H2UPY3*YUA
ADT LAX UA DEN367.67UA MIA Q27.91 830.24USD1225.82END UA
  ZPLAXDEN XT5.00AY9.00XF LAX4.5DEN4.5
  TX 91.94US 8.00ZP 5.00AY 9.00XF
CNN LAX UA DEN367.67UA MIA Q27.91 830.24USD1225.82END UA
  ZPLAXDEN XT5.00AY9.00XF LAX4.5DEN4.5
  TX 91.94US 8.00ZP 5.00AY 9.00XF
* REBOOK 01/ A *USE >4PLIB1(
///truncated screen example to save document space///
```


D.I.R. User Supplied Itinerary Pricing Response Diagram with Fare Origin Tags



D.I.R. User Supplied Itinerary Pricing Response Data Description Tables with Fare Origin Tags

Below are the new D.I.R. logical data records developed for this enhancement.

Published Fare Tag at Pricing/Passenger Level	PRC . PA . P . PPA . PP . PUB { PUB }
Private SecuRate Fare Tag at Pricing/Passenger Level	PRC . PA . P . PPA . PP . SR { SR }
Private SecuRate Air-plus Fare Tag at Pricing/Passenger Level	PRC . PA . P . PPA . PP . SRP { SRP }

Pricing Data – Per Passenger Type Code

DLA . PA . P . PPA . PP . PUB Published Fare Origin		
Description	Data type	Size
Fare Origin Tag – Published Fare (PUB) NOTE: This tag will only be returned when associated to SecuRate SR or SecuRate Air-Plus. SRP only, never alone.	FL alpha	3

DLA . PA . P . PPA . PP . SR SecuRate Private Fare Origin		
Description	Data type	Size
Fare Origin Tag – Private Fare/SecuRate (SR)	FL alpha	2

DLA . PA . P . PPA . PP . SRP SecuRate Private Air-Plus Fare Origin		
Description	Data type	Size
SecuRate Air-Plus Tag – Private Fare SecuRate Air Plus (SRP)	FL alpha	3

D.I.R. User Supplied Itinerary Pricing Response Mock-up Message Example with Fare Origin Tags

NOTE: Included here as demonstration purpose of current message only.

Request Message (formatted layout)

```
DLAQ . ACA . AC { SECURATE . AC }
DLAQ . ACA . AC { GM . AC }
DLAQ . ACA . AC { FORD . AC }
DLAQ . ACA . AC { TOYOTA . AC }
DLAQ . ET { A }
DLAQ . FTA . FT { SR }
DLAQ . SA . SI . BRD { LAX }
DLAQ . SA . SI . CI { A }
DLAQ . SA . SI . CNT { 01 }
DLAQ . SA . SI . COS { Y }
DLAQ . SA . SI . DT { 2014150 }
DLAQ . SA . SI . OFF { DEN }
DLAQ . SA . SI . VC { UA }
DLAQ . SA . SI . BRD { DEN }
```

```
DLAQ.SA.SI.CI{B}
DLAQ.SA.SI.CNT{02}
DLAQ.SA.SI.COS{Y }
DLAQ.SA.SI.DT{2014157}
DLAQ.SA.SI.OFF{MIA}
DLAQ.SA.SI.VC{UA}
DLAQ.SC{A}
```

Response Message (formatted layout)

Scenario: Published and SecuRate (SR) example

```
DLA.TKN.F{USD0201}
DLA.TKN.TF{1339.76}
DLA.TKN.BF{1225.82}
DLA.TKN.TA.TD.F{LAXDENUA 0102}
DLA.TKN.TA.TD.ACA.ACD{LAX  }
DLA.TKN.TA.TD.ACA.ACD{DEN  }
DLA.TKN.TA.TD.CCA.CCD{LAX  }
DLA.TKN.TA.TD.CCA.CCD{DEN  }
DLA.TKN.TA.TD.FBA.FBC{BQSPCL14}
DLA.TKN.TA.TD.F{DENMIAUA 0202}
DLA.TKN.TA.TD.ACA.ACD{DEN  }
DLA.TKN.TA.TD.ACA.ACD{MIA  }
DLA.TKN.TA.TD.CCA.CCD{DEN  }
DLA.TKN.TA.TD.CCA.CCD{MIA  }
DLA.TKN.TA.TD.FBA.FBC{BYUA}
DLA.TKN.PTA.PT.PTF{1339.76}
DLA.TKN.PTA.PT.PBF{1225.82}
DLA.TKN.PTA.PT.F{01ADT}
DLA.ADA.AD{* /-REFUNDABLE- /}
DLA.ADA.AD{* PRICING RULES VALIDATING CARRIER DEFAULT UA}
DLA.ADA.AD{* SURCHARGE APPLIED *}
DLA.ADA.AD{* FARE SELECTED - SR} (Current Private Fare Node)
DLA.ADA.AD{* FARE SELECTED - PUB} (Current Published Fare Node)
DLA.PA.P.RA.RI{01 A}
DLA.PA.P.ADA.AD{* REBOOK 01/ Q}
DLA.PA.P.ADA.AD{*CK SEGS BOOKED COMPLY WITH TKTG TL RULE}
DLA.PA.P.TTL.GTX{113.94}
DLA.PA.P.TTL.GT{1339.76}
DLA.PA.P.TTL.TBA{1225.82}
DLA.PA.P.TTL.CUR{USD USD}
DLA.PA.P.PPA.PP.TIA.TI{US91.94}
DLA.PA.P.PPA.PP.TIA.TI{ZP8.00}
DLA.PA.P.PPA.PP.TIA.TI{AY5.00}
DLA.PA.P.PPA.PP.TIA.TI{XF9.00}
DLA.PA.P.PPA.PP.TX{ADT LAX UA DEN367.67UA MIA Q27.91
830.24USD1225.82END UA ZPLAXDEN XT5.00AY9.00XF LAX4.5DEN4.5}
DLA.PA.P.PPA.PP.PUA.PU.FCA.FC.F{USD01 367.67}
DLA.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.FBC{QSPCL14}
DLA.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.F{01UA 0A LAXDENB}
DLA.PA.P.PPA.PP.PUA.PU.F{01}
DLA.PA.P.PPA.PP.PUA.PU.FCA.FC.F{USD01 830.24}
DLA.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.FBC{YUA}
```

DLA.PA.P.PPA.PP.PUA.PU.FCA.FC.LA.L.F{02UA 0Y DENMIAA}
 DLA.PA.P.PPA.PP.PUA.PU.F{02}
 DLA.PA.P.PPA.PP.TTX{113.94}
 DLA.PA.P.PPA.PP.T{1339.76}
 DLA.PA.P.PPA.PP.BA{1225.82}
 DLA.PA.P.PPA.PP.**SR{SR}** (New Private SecuRate Fare Tag Data Node)
 DLA.PA.P.PPA.PP.**PUB{PUB}** (New Published Fare Tag Data Node)
 DLA.PA.P.PPA.PP.F{ADT01}
 DLA.PA.P.F{B}
 DLA.**ACA.AC{SECURATE}**
 DLA.**ACA.AC{GM.AC}**
 DLA.**ACA.AC{FORD.AC}**
 DLA.**ACA.AC{TOYOTA.AC}**
 DLA.ET{A}
 DLA.PE{B}
 DLA.LFI{A}
 DLA.PI{A}
 DLA.DI{B}
 DLA.ID{A}
 DLA.VC{UA}
 DLA.BC{USD}
 DLA.DD{2014150}
 DLA.TD{2014150}

Glossary

Term	Definition
D.I.R. Message	Data Interface Record – Travelport Worldspan structured message product.

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