## Travelport 360 Fares Correct selection of CAD/USD currency

<table>
<thead>
<tr>
<th>Product Advisory number:</th>
<th>3572</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version:</td>
<td>01</td>
</tr>
</tbody>
</table>

### Effective date: (Load to production)

- **09-Mar-19**
- **21:00 EST**
- **02:00 (10-Mar) GMT**

### High level description:

Travelport 360 Fares is being enhanced to remove the “Same Fare” check and apply the fare in the currency of the country of origin (please refer to the Overview area for more details on the Same fare check).

**NOTE:** This only applies to wholly domestic itineraries within US and CA.

So, If the journey begins in the US, then the system will now use/select USD fares. And if it originates in Canada then the system will now use/select the fares in CAD, without checking to see if there is a like fare in another currency (the opposite currency).

### Impact summary:

No new screens. Internal logic changes only.

### Reason for issue:

First notification

### Impacted customers:

- **☐** Internal only
- **☒** Developers
- **☒** Agency customers
- **☐** Airline customers
- **☒** eCommerce customers
- **☐** Car, hotel, rail or cruise customers

### System:

- **☒** Travelport Galileo
- **☒** Travelport Apollo
- **☒** Travelport Worldspan

### Load to pre-production:

Available now

### Web services: (API and Messaging)

Not applicable

### Issue history:

Version 01 issue date: 18-Feb-19
Overview

In Travelport Galileo, Travelport Apollo and Travelport Worldspan based on the current Data Application there is a check to see if like fares (carrier/tariff/rule/FBC-Fare Basis Code) match in both USD and CAD currency. If there is a matching fare Travelport selects the fare based on the country of origin. If there is no matching fare in the currency of the country of origin (either originating in the US or originating in CA) the Data Application advises it is ok to use a fare in the alternate currency.

This enhancement will remove the “Same Fare” check and will now only apply the fare in the currency based on the country of origin. This only applies to wholly domestic itineraries within US and CA. No changes will be made to Currency Selection for International itineraries at this time. Once ATPCO clarifies and changes the Data Application additional changes may be required.
If the journey begins in the US, then the system will now use/select USD fares exclusively and if it originates in Canada then the system will now use/select the fares in CAD exclusively, without checking to see if there is a like fare in another currency (the opposite currency). If any fares are filed in alternate currencies (other than USD or CAD) they will be considered as they are today. This new logic will apply for all points of sale.

Customer benefit

- Travelport users will now see consistent currency selection that is competitive when pricing wholly domestic itineraries within US and CA where before they may not have.
- This new currency selection processing will also apply to Travelport Rapid Reprice functionality, where the transaction is processed on Travelport 360 Fares.

Detail and customer examples

Note: The following example is for illustrative purposes only and the output results may not be complete for brevity purposes.
Travelport Galileo – Terminal Emulation - current processing
Currently, the system is quoting a CAD fare for the OW Fare Component because the carrier has NOT filed a matching fare in both USD and CAD currency. The Data Application currently allows systems to use the fare in CAD if there is not a matching carrier/tariff/rule/fare basis code in USD. The system going forward will not perform any checks to determine if there are matching fares (carrier/tariff/rule/FBC) in both USD and CAD before determining which fare to use.

Itinerary

1. XX 1587 V 12JAN JFKPHX HS1 1630 2022 O E SA 1
2. XX 327 V 12JAN PHXYVR HS1 2121 2339 O E SA 1

Travelport Galileo - Terminal Emulation - After the enhancement
The system will now pick the USD fare.

1. XX 1587 V 12JAN JFKPHX HS1 1630 2022 O E SA 1
2. XX 327 V 12JAN PHXYVR HS1 2121 2339 O E SA 1
**Travelport Galileo – Travelport Smartpoint – current processing**

In the below example, this is a roundtrip fare originating in the US to Canada. The carrier files a matching fare in both USD and CAD currency.

**Itinerary**

1. XX 1585 N 18OCT ORDYVR HS1 0700 0939 O E FR
2. XX 2213 S 22OCT YVRORD HS1 1035 1649 O E TU

**Travelport Galileo – Travelport Smartpoint – After the enhancement**

If the journey begins in the US, then the system will now use/select USD fares exclusively.
Travelport Galileo – Terminal Emulation - current processing
Currently, the system is quoting a USD fare for the 3rd fare component because the fares are one-way fares and the last fare component is pulled from the US to CA. With these changes we will select the currency based on the origin even when the fare is pulled in the opposite direction. Domestic fares within the US or CA will always be filed in the currency of that country and those fares will still be selected no matter what country the itinerary originates in.

Itinerary
1. XX 2290 D 10MAY YYCSJD HS1 0950 1411 O E TH
2. XX 267 R 17MAY SJDLAX HS1 1200 1335 O E TH
3. XX 1513 D 17MAY LAXYYC HS1 1720 2123 O E TH

In the below case, the system picks the USD fare for fare component 3 instead of the CAD fare:

The 3rd Fare Component is: LAX-YYC USD163.00DT21K, the carrier files the same fare amount whether CAD or USD:

The system is currently using the USD fare, which means the NUC is 163.00, going forward the system will use the CAD fare which means the NUC will be 128.10.
Travelport Galileo - After the enhancement
The system will now use the CAD fare on the 3rd fare component and convert to NUC which results in the NUC now being 128.10.
As a result, the fare shown is now calculated to be the lowest available.

Travelport Apollo –Terminal Emulation - current processing

Itinerary

DFW-YVR
FARE 169.00CAD

YVR-YUL
FARE 245.00CAD

YUL-DFW
FARE 245.00CAD
**Travelport Apollo - Terminal Emulation - After the enhancement**

Expected Result USD fares will be selected when originating in the US both to and from CA.

**NOTE:** domestic end-on fares whether in the US or in CA would be selected based on the currency of that country. So, originating in CA with an end-on or half RT US to US the fare would now be selected in USD and if originating in the US with an end-on or ½ RT CA to CA fare would now be selected in CAD.

<table>
<thead>
<tr>
<th>Route</th>
<th>CAD Fare</th>
<th>USD Fare</th>
<th>Adjusted</th>
<th>NUC Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFW-YVR</td>
<td>245.00CAD</td>
<td>169.00USD</td>
<td>169.00NUC</td>
<td>169.00NUC</td>
</tr>
<tr>
<td>YVR-YUL</td>
<td>204.00USD</td>
<td>245.00CAD</td>
<td>189.58NUC</td>
<td>189.58NUC</td>
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<tr>
<td>YUL-DFW</td>
<td>204.00USD</td>
<td>245.00USD</td>
<td>204.00NUC</td>
<td>204.00NUC</td>
</tr>
</tbody>
</table>

```
01 >$BS1-*XXX@QVAHZNN1|2-*XXX@A14ZCTG|3-*XXX@NVAHZNN1
02 $B-1 M20NOV18
03 DFW XX YVR 169.00QVAHZNN1 XX YMQ Q15.47Q2.32 189.58A14ZCTG XX
04 DFW 204.00NVAHZNN1 NUC580.37END ROE1.0 2P DFWYVRYUL
05 FARE USD 580.00 TAX 5.60AY TAX 43.50US TAX 3.96XA TAX 4.50XF
06 TAX 7.00XY TAX 5.77YC TAX 19.40CA TAX 38.00SQ TAX 12.30ZP TAX
07 1.90XG TAX 2.27XQ TOT USD 724.20
```
Travelport Worldspan - Terminal Emulation - Before the enhancement
Currently, the system is quoting a CAD fare for the OW Fare Component.

Itinerary
1. XX 1500 Q 01FEB EWRPHX HS1 1630 2022 O E SA 1
2. XX 321 Q 01FEB PHXYVR HS1 2121 2339 O E SA 1

                                  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789
01 4P*
02 PNR PRICED ON 08JAN FOR TKTG ON 08JAN¬
03 LAST DATE TO TICKET - 10JAN¬
04 TRIP VALUE DATA EXISTS¬
05 ADT 01 TTL- CAD 171.50 BF-CAD 131.00 TAX¬ 40.50¬
06 ¬
07 EWR XX 1500 Q 01FEB 440P OK QVAGGGGG 01FEB01FEB 0PC¬
08 X PHX XX 321 Q 01FEB 921P OK QVAGGGGG 01FEB01FEB 0PC¬
09 YVR¬
10 NYC XX X/PHX XX YVR131.00CAD¬
11 131.00END AA ZPEWRPHX XF¬
12 EWR4.5PHX4.5¬
13 TX 9.80US 11.20ZP 7.50AY 12.00XF¬
14 >

Travelport Worldspan - Terminal Emulation - After the enhancement
The system will now pick the USD fare.

                                  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789
01 4P¬
02 PNR PRICED ON 08JAN FOR TKTG ON 08JAN¬
03 LAST DATE TO TICKET - 10JAN¬
04 TRIP VALUE DATA EXISTS¬
05 ADT 01 TTL- USD 128.35 BF-CAD 131.00 TAX¬ 30.35¬
06 EQV-USD 98.00¬
07 EWR XX 1500 Q 01FEB 440P OK QVAGGGGG 01FEB01FEB 0PC¬
08 X PHX XX 321 Q 01FEB 921P OK QVAGGGGG 01FEB01FEB 0PC¬
09 YVR¬
10 NYC XX X/PHX XX YVR131.00CAD¬
11 131.00END AA ZPEWRPHX XF¬
12 EWR4.5PHX4.5¬
13 TX 7.35US 8.40ZP 5.60AY 9.00XF¬
14 1CAD/0.75174USD¬
15 >
Glossary

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
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<tbody>
<tr>
<td>CAD</td>
<td>Canadian Dollar</td>
</tr>
<tr>
<td>FBC</td>
<td>Fare Basis Code</td>
</tr>
<tr>
<td>NUC</td>
<td>Neutral Unit of Construction</td>
</tr>
<tr>
<td>OW</td>
<td>One-way</td>
</tr>
<tr>
<td>RT</td>
<td>Roundtrip</td>
</tr>
<tr>
<td>USD</td>
<td>US Dollar</td>
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