Normalization of the NDC Order for Filed Fare, and Ticket and Invoicing Numbering System

Advisory number:	PA-4325
Version:	05
Effective date:	November 2, 2023 8pm **EDT**
High level description:	NDC order will be updated to include a filed fare with ticket number, generate daily activity report and MIR for original book and modify workflow. This is the first step toward normalizing the NDC order to look and feel like traditional.
Impact summary:	Filed fare, along with the airline ticket number, will be included in the NDC order, and a new identifier is introduced in the filed fare for NDC.

Ticket listing will be added to the NDC order.

NDC tickets for original book and modify/exchanges will be updated in the agencies Ticket and Invoicing numbering system. |
| **Reason for issue:** | Two minor updates in the 'Detail and Customer Examples' section. The first update clarifies when requests for activation should be received, and the second update provides a revised date for the activation of the functionality for all Travelport+ users. Updates are highlighted in yellow. |

Impacted customers:	☐ Internal only Advisory	☐ Developers
	☒ Agency customers	☐ Airline customers
	☐ eCommerce customers	☐ Car, hotel, rail, cruise customers

System(s):	☒ Travelport+ (1G)
	☐ Travelport Apollo (1V)
	☐ Travelport Worldspan (1P)

Load to pre-production:	September 22, 2023 12.30am **EDT**
Web services: (API and Messaging)	Not applicable

Note: Text highlighted in yellow indicates new or updated text since the prior Advisory version.

Overview

Travelport+ users will be able to process and normalize the New Distribution Capability (NDC) order, like traditional, by having a filed fare with ticket number included in the NDC order. In addition to the filed fare, the user will also be able to view the NDC ticket information for original ticket and exchanges in the agency Ticket and Invoice numbering system (TINS) report.

With the filed fare in the order, the data will be transmitted in the agency back-office system through MIR and the faring information will be presented in the correct designated sections to streamline the workflow for our agency users.

A new NDC identifier is also introduced in the filed fare, MIR, and agency TINS to distinguish NDC order from traditional.

Customer Benefit

Reduction of manual input by the agency to create a filed fare or create automation to read the fare information from the DI lines, and to interface correctly as per their back-office system needs.

Reconcile their Sales report by looking at NDC ticket numbers in the same place as traditional.

Detail and Customer Examples

Normalization with filed fare on NDC order

Currently on Travelport+ when an NDC order is created, the ticket information and the fare for the order is stored in the Document Invoicing (DI) lines.

With this enhancement in addition to the fare information in DI lines, Travelport+ users will have an option to opt-in to the functionality to store a filed fare for an NDC order for original book and for orders that are exchanges. To opt-in to the functionality, please raise a support case via **MyTravelport** and our support teams will then enable access to the functionality. Here's how to raise a support case:

- Log into **MyTravelport**

- Navigate to '**Travelport support**' from the '**Help and resources**' menu.

- Scroll to the bottom of the screen to the '**Raise a Case**' section and select '**Open request**'.

- Select the '**Travelport Support Request**' item.

- Complete the *Travelport Support Request* form and select the '**Submit**' button.

In the first phase of the release on November 2, 2023, the functionality will be available to the Travelport+ users who opt-in by providing their Pseudo City Code (PCC) in the support case. Agencies will be activated each week, on Thursday, based on the requests received — until the time the functionality is activated for all Travelport+ users. The requests for activation should be received by Tuesday of each week, following which, activations will be completed on the Thursday. However, there will be no activations between November 19, through to November 27, 2023.

On January 18, 2024, the functionality will be activated for all Travelport+ users, so it is the responsibility of the users to validate that this change does not affect any back-office applications. Please raise any issues by raising a support case via **MyTravelport.**

In addition to the filed fare, a new identifier is introduced in the filed fare to recognize the fare as an NDC fare.

When the order is ticketed, the filed fare in the order will be updated with the airline ticket number and the ticket listing will be created with NDC ticket numbers.

Machineable Interface Record (MIR)

Currently, after the NDC order is created, the user must manually drive a MIR for the order for issuance and exchanges. With this enhancement, NDC MIRs will be issued seamlessly and in the same format as issued for traditional.

New optional data identifier **NDC:Y** will be added to the header section of the Travelport+ MIR. If a MIR is being generated for the NDC order, the header section will have the new **NDC:Y**, which will distinguish the NDC MIR from traditional.

MIR Header Section

A new optional data identifier "**NDC:**" and associated data field will be added to the end of the Header section of the MIR to indicate the NDC MIR.

Sample MIR format of optional data identifier and associated data field:

NDC:Y

HEADER SECTION

Note: Partial display of MIR specification to illustrate placement of new data identifier and associated data field.

Level	Hex	Dec	Label	Bytes	Type	Description
2	13E	318	T50EXC	3	N	NUMBER OF TICKET EXCHANGE ITEMS
2	141	321	T50PYN	3	N	NUMBER OF FORM-OF-PAYMENT ITEMS
2	144	324	T50PHN	3	N	NUMBER OF PHONE ITEMS

Level	Hex	Dec	Label	Bytes	Type	Description
2	147	327	T50ADN	3	N	NUMBER OF PASSENGER ADDRESS ITEMS Includes W- and/or D- Addresses.
2	14A	330	T50MSN	3	N	NUMBER OF BACKOFFICE/TICKET REMARKS
2	14D	333	T50RRN	3	N	NUMBER OF ASSOCIATED/UNASSOCIATED REMARKS These remarks are associated or unassociated to Airline or Auxiliary segments. The Number of RMA/RMU or RI. Remarks.
2	150	336	T50AXN	3	N	NUMBER OF AUXILIARY SEGMENTS Auxiliary segments include Car, Hotel and Tour Segments).
2	153	339	T50LSN	3	N	NUMBER OF LEISURESHOPPER ITEMS
1	156	342	T50NDC	4	A/S	Conditional Label - NDC Identifier NDC:
1	15A	346	T50IDC	1	A	NDC Indicator
1	15B	347	T50C05	1	S	Carriage return
1	15C	348	T50C06	1	S	Carriage return - END OF HEADER

```
********************************************************************
```

Example 1 — NDC Order with filed fare for Book and Hold

The NDC order will be updated with a filed fare and an NDC identifier (/NDC) in the current ticketing modifier (T) line.

If the offer returned by the airline is for a public fare, the Fare Calculation Pricing Indicator (FCPI) 'G' will be added to the filed fare and if private, then FCPI of 'A'.
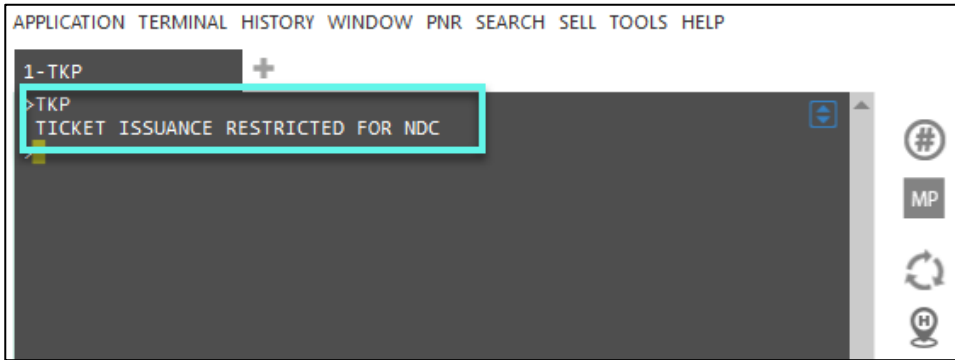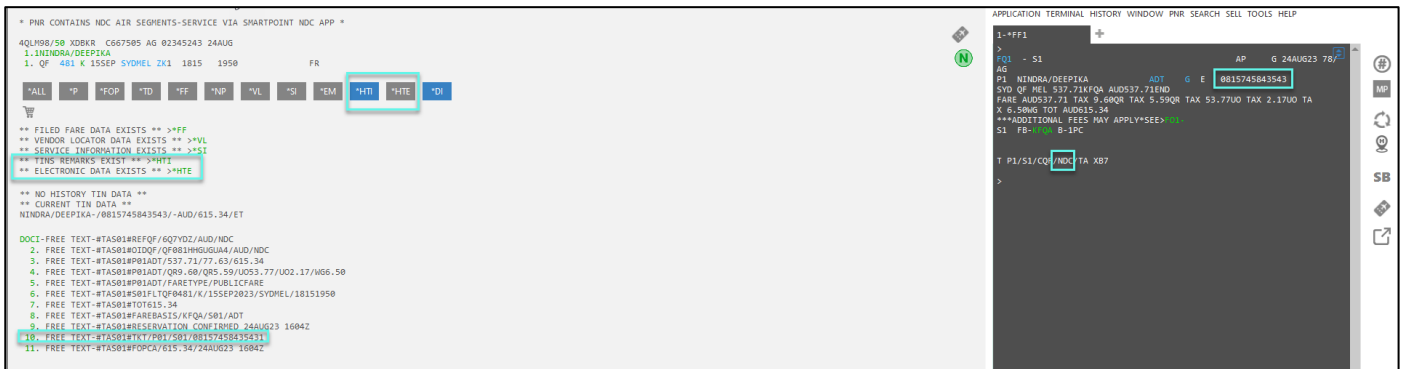
If a ticketing request is made via a traditional ticket path and the fare stored is with NDC identifier, ticketing will be restricted as in the example below.

Example 2 — NDC Order with filed fare for Book and Ticket

The NDC order will be updated with a filed fare, a ticket number, and an NDC identifier (/NDC) in the current ticketing modifier (T) line.

NDC order will be updated to show the listing of tickets and the history of TINS (HTI) will be updated to show the ticket numbers.
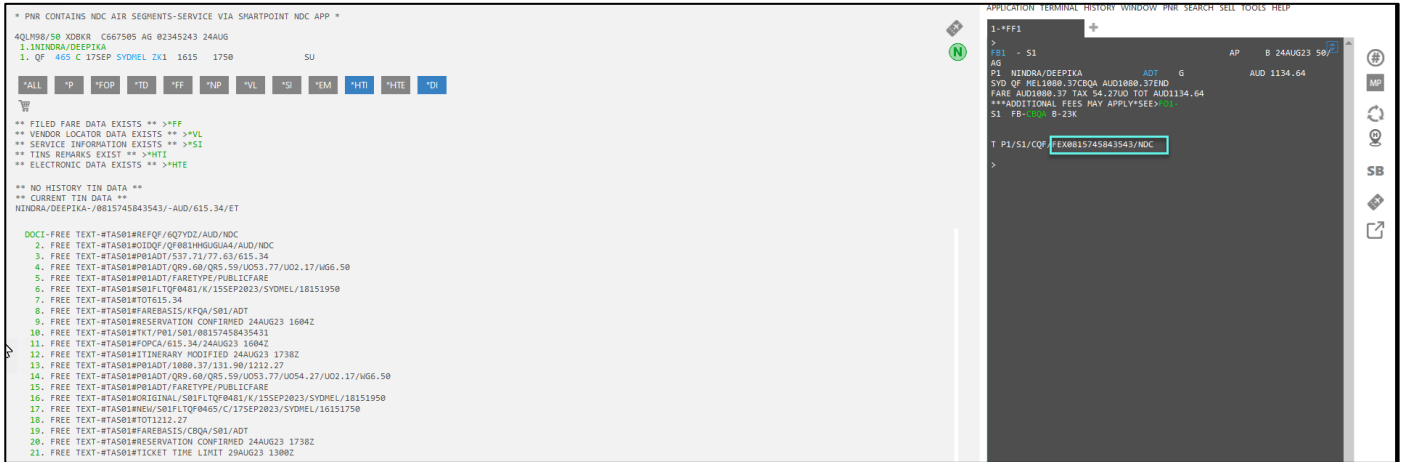

If the airline allows the ticket to be retrieved via EDIFACT route, then a response will be returned, otherwise, an error "NOT AUTHORIZED" will be returned.
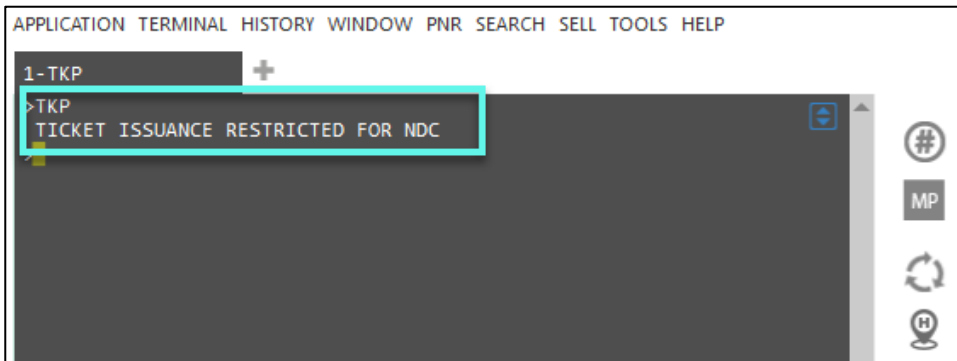
Example 3 — NDC Order with filed fare for Modify and Hold (exchange)

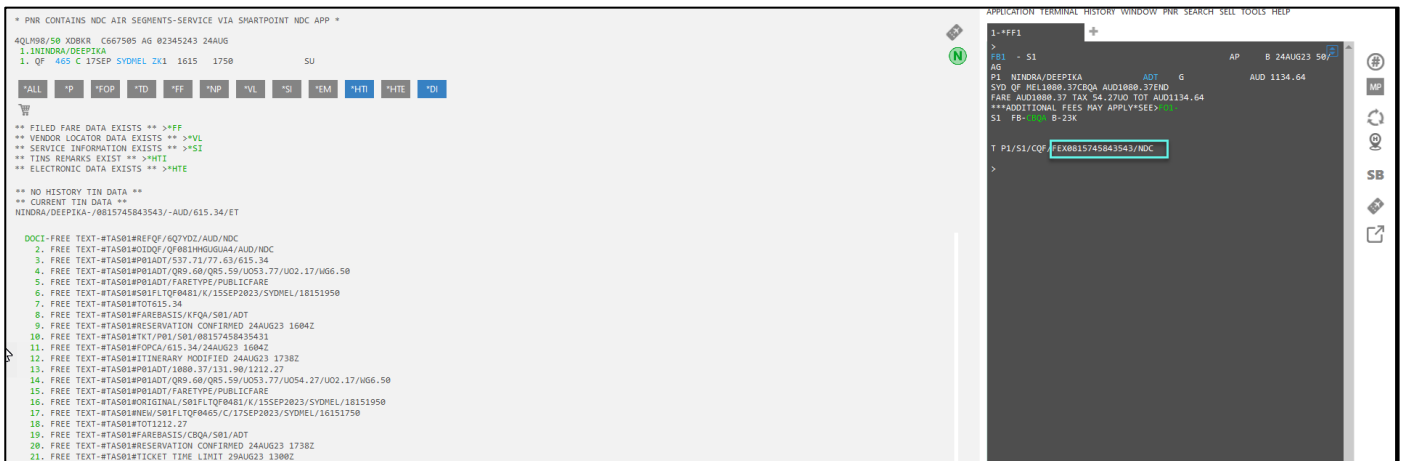NDC order will be updated with the form of payment exchange and the original ticket number.

If the user, inadvertently tries to issue a ticket via traditional path, an error will be returned.

Example 4 — NDC Order with filed fare for Modify and Ticket (exchange)

NDC order will be updated with the form of payment exchange with the original ticket number (FEX0185745843543) and the new ticket number in the filed fare.

The NDC order will be updated with new and old fare information during exchanges.

The NDC order will be updated with Paid taxes during exchanges.

The NDC order will be updated with Additional collection (ADC) if applicable.

Example 5 — Sample NDC MIR for original ticket transaction

MIRs will automatically be created when the NDC order is ticketed.

A new identifier in the MIR for NDC is introduced.

The MIR will have the filed fare information along with all relevant information from the order.

```
T51G773392015740053424AUG231719 XX018SAMPLE AIRWAYS LIMITED  15SEP23C
CD050CDD050
 ABC ABC02345243 4QLM98         C6650N78AG24AUG2300024AUG23006
AUD0000000537712AUD00000000  00000000  00000000  00000000  00000000  000
000000000
NYNYN5NNYAYH NNN    AU
0000000010000010000000010000010010000120000000000NDC:Y

A02NINDRA/DEEPIKA                   236059837033574584354301        ADT
   01  N
SI:GEN:NINDRA/DEEPIKA                                 C35:NTD:25
AUG23

A0401XX018SAMPLE AIRWA 481K ZK15SEP1815 1950 2SYDSYDNEY      MELMELBO
URNE AIRDNR  O0   73H T3 00438F TK:YJT:01.35ANL:SAMPLE AIRWAYS LTD
 DDL:15SEP23

A0701AUD      537.71AUD      615.34              AUDT1:    9.60QRT2:
5.59QRT3:   62.44XT
IT:   53.77UO    2.17UO    6.50WG

A080101KFQA    00000000                 F:KFQA          B:1PC

A09010SYD XX MEL 537.71KFQA AUD537.71END XT 5.59QR53.77UO2.17UO6.50
WG

A11S        615.34N                              P:01

A12DENT *DENT/290659986

A14FT-#TAS01#REFXX/6Q7YDZ/AUD/NDC
A14FT-#TAS01#OIDXX/XX018HHGUGUA4/AUD/NDC
A14FT-#TAS01#P01ADT/537.71/77.63/615.34
A14FT-#TAS01#P01ADT/QR9.60/QR5.59/UO53.77/UO2.17/WG6.50
A14FT-#TAS01#P01ADT/FARETYPE/PUBLICFARE
A14FT-#TAS01#S01FLTXX0481/K/15SEP2023/SYDMEL/18151950
A14FT-#TAS01#TOT615.34
A14FT-#TAS01#FAREBASIS/KFQA/S01/ADT
A14FT-#TAS01#RESERVATION CONFIRMED 24AUG23 1604Z
A14FT-#TAS01#TKT/P01/S01/01857458435431
A14FT-#TAS01#FOPCA/615.34/24AUG23 1604Z
A14VL-160424AUG       6Q7YDZ

A24010SYD XX MEL 537.71KFQA AUD537.71END XT 5.59QR53.77UO2.17UO6.50WG
```

Example 6 — Sample NDC MIR for exchange ticket transaction

MIRs will automatically be created when the NDC order is Exchanged.

```
T51G773392024960053624AUG231816 XX018SAMPLE AIRWAYS LIMITED  17SEP23C
CD050CDD050
 ABC ABC02345243 4QLM98        C6650N78AG24AUG2300024AUG23016
AUD0000001080372AUD00000000  00000000  00000000  00000000  00000000  000
000000000
NYNYN5YNYAYH NNN    AU
000000001000001000000001001001001000024000000000NDC:Y

A02NINDRA/DEEPIKA              2360599460185745843880401        ADT
   0101N
SI:BEN:NINDRA/DEEPIKA                              C35:NTD:25
AUG23

A0401XX018SAMPLE AIRWA 465C ZK17SEP1615 1750 2SYDSYDNEY      MELMELBO
URNE AIRDNH   O0   73H T3 00438F TK:YJT:01.35ANL:SAMPLE AIRWAYS LTD
 DDL:17SEP23

A0701AUD    1080.37AUD    1134.64              AUDT1:   54.27UO

A080101CBQA    00000000                F:CBQA         B:23K

A09010SYD XX MEL1080.37CBQA AUD1080.37END XT PD9.60QR PD5.59QR PD53
.77UO PD2.17UO PD6.50WG

A100124AUG230234524 SYD              S
     A
TI:018990481212831
AUD000000537.71   T1:   9.60QRT2:   5.59QRT3:   62.44XTT4:      T5
:        000000615.34000000000000
IT:  53.77UO   2.17UO   6.50WG

A11S      596.93N                          P:01

A12DENT *DENT/290659986

A14FT-#TAS01#REFXX/6Q7YDZ/AUD/NDC
A14FT-#TAS01#OIDXX/XX018HHGUGUA4/AUD/NDC
A14FT-#TAS01#P01ADT/537.71/77.63/615.34
A14FT-#TAS01#P01ADT/QR9.60/QR5.59/UO53.77/UO2.17/WG6.50
A14FT-#TAS01#P01ADT/FARETYPE/PUBLICFARE
A14FT-#TAS01#S01FLTXX0481/K/15SEP2023/SYDMEL/18151950
A14FT-#TAS01#TOT615.34
A14FT-#TAS01#FAREBASIS/KFQA/S01/ADT
A14FT-#TAS01#RESERVATION CONFIRMED 24AUG23 1604Z
A14FT-#TAS01#TKT/P01/S01/01857458435431
A14FT-#TAS01#FOPCA/615.34/24AUG23 1604Z
A14FT-#TAS01#ITINERARY MODIFIED 24AUG23 1738Z
A14FT-#TAS01#P01ADT/1080.37/131.90/1212.27
A14FT-#TAS01#P01ADT/QR9.60/QR5.59/UO53.77/UO54.27/UO2.17/WG6.50
A14FT-#TAS01#P01ADT/FARETYPE/PUBLICFARE
A14FT-#TAS01#ORIGINAL/S01FLTXX0481/K/15SEP2023/SYDMEL/18151950
A14FT-#TAS01#NEW/S01FLTXX0465/C/17SEP2023/SYDMEL/16151750
A14FT-#TAS01#TOT1212.27
A14FT-#TAS01#FAREBASIS/CBQA/S01/ADT
A14FT-#TAS01#RESERVATION CONFIRMED 24AUG23 1738Z
A14FT-#TAS01#TKT/P01/S01/01857458438043
A14FT-#TAS01#ADDCOL/596.93/24AUG23 1738Z
```

```
A14FT-#TAS01#FOPCA/596.93/24AUG23 1738Z
A14VL-160424AUG        6Q7YDZ
A24010SYD XX MEL1080.37CBQA AUD1080.37END XT PD9.60QR PD5.59QR PD53
.77UO PD2.17UO PD6.50WG
```

Example 7 — Sample HMPR display for NDC Ticket (Original)

New indicator of 'N' to identify the NDC ticket transactions from traditional is introduced in the TINS report.

HMPR – Daily Sales Report

HMPR*E– Detailed Sales Report

Example 8 — Sample HMPR display for NDC Ticket (Modify/Exchange)

New indicator of 'N' to identify the NDC ticket transactions from traditional.

HMPR – Daily Sales Report


```
APPLICATION  TERMINAL  HISTORY  WINDOW  PNR  SEARCH  SELL  TOOLS  HELP

1-MU2                   +
081E9904812124      GAUDI/ANTONI MR    1302.13    154.14    0.00    FS
220E9904812125      GAUDI/ANTONI MR     536.00    190.60    3.00    FS
220E9904812126      GAUDI/ANTONI MR     625.00    171.30    3.00    CR
                                           *11.60                   CR
220E9904812127      GAUDI/ANTONI MR     480.00    198.90    3.00    IN
081N5745843543      NINDRA/DEEPIKA      537.71     77.63    0.00    FS
081E9904812128      NINDRA/DEEPIKA      537.71     77.63    0.00    FS
081N5745843804      NINDRA/DEEPIKA      542.66A    54.27    0.00    FS
899E9904812131      SINGH/KHUSHWANT       1059       238    0.00    FS
SUBTOTAL - CASH                       4343.20             669.35
)>
```

HMPR*E– Detailed Sales Report


```
APPLICATION  TERMINAL  HISTORY  WINDOW  PNR  SEARCH  SELL  TOOLS  HELP

1-MU1                   +
  KFQA              G
081 9904812128              E26880
  QF E    S            NINDRA/DEEPIKA    4QLMTC
    537.71                  615.34           77.63         0.00
             9.60QR       68.03XT            0.00
                                     E26880  XB7
  KFQA              G
081 5745843804              E26880
  QF N    S  XA         NINDRA/DEEPIKA    4QLM98
   1080.37                 596.93           54.27         0.00
             0.00         54.27UO            0.00
                                     C66750  XB7
  CBQA              B
)>
```

Glossary

Term	Definition
1G	Travelport+ (Previously known as Travelport Galileo)
ADC	Additional Collection
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport
FCPI	Fare Calculation Pricing Indicator
MIR	Machineable Interface Record
NDC	New Distribution Capability
PCC	Pseudo City Code
TINS	Ticket and Invoice Numbering System
Travelport+	Previously known as Travelport Galileo (1G)

Travelport Advisories Listing

The full Travelport Advisory Listing is viewable within **MyTravelport > Help and resources > Resources > Travelport Advisories**. At a minimum, the last 24 months of Advisories will be displayed. You can easily **sort** the Advisory Listing by any of the data columns presented, in ascending or descending order. You may also use the **filter** in order to filter and sort the Advisory Listing, as required. Advisories are **searchable** from this same screen — you may wish to search for Advisories by specific Advisory number, or by specific key words. When searching by number; remember to include 'PA' and the hyphen/dash in front of the relevant four digit Advisory number (e.g. PA-1234). If wishing to search for Developer Advisories; remember to include 'DA' and the hyphen/dash in front of the relevant three digit Advisory number (e.g. DA-123).

A **PDF copy** of this Advisory is attached to this Advisory record within **MyTravelport**.

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- Help us build better products by sharing your experience
- Help us tackle industry challenges by participating in customer research
- Gain a better understanding of how we prioritize our features with visibility of peer feedback
- Get early access to new products by participating in customer alpha programs

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Please note that all research and activities on the Customer Voice Panel will be conducted in English.

Issue History Information

Version 01 issue date: September 4, 2023
Version 02 issue date: September 25, 2023
Version 03 issue date: October 16, 2023
Version 04 issue date: November 6, 2023
Version 05 issue date: November 20, 2023