

XML Select v4.4 - Update Release

Developer Advisory Number:	520
Version:	01
Load To Production:	17-Nov-14
High Level Description:	Updates have been made to the XML Select help system, transactions, and XML samples.
Impact Summary:	XML Select customers must review the What's New and Archived Transactions sections in the release notes prior to upgrading their systems.
Reason For Issue:	First Notification
Customer Impact:	<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 checked="" type="checkbox"/> Car, Hotel, Rail or Cruise Customers
System:	<input checked="" type="checkbox"/> Galileo <input type="checkbox"/> ACH
	<input checked="" type="checkbox"/> Apollo <input type="checkbox"/> RCH
	<input type="checkbox"/> Worldspan <input type="checkbox"/> Travelport Rooms and More
	<input type="checkbox"/> AXESS <input type="checkbox"/> Merchandising
Load To Copy:	Not applicable
Web Services: (API and Messaging)	<p>These changes were also loaded to Galileo Web Services (GWS). Samples and help files are also updated. Additionally, the GWS Help System has been updated with the associated changes.</p> <p>http://testws.galileo.com/GWSSample/Help/GWSHelp/gws.htm</p>
Issue History:	Version 01

Overview

The following sections describe the details of the XML Select v4.4 release.

Note: The XML Select installation file, help system, and release notes are available on the [Travelport Developers site](#).

Customer Benefit

- New and Enhanced transactions now return additional information. Review the transaction changes detailed in this Advisory to see how the new and enhanced XML transactions will help to improve your business.
- Updated Help System with Task Documents, Developer White Papers and Samples provide an improved customer experience.

What's New in the XML Select v4.4 Release?

The following information is a summary of the changes made to XML Select since the previous release.

Transactions

The following categories show the transactions that have never before been released and existing transactions that have been updated with new functionality.

New Transactions

(No prior version of these transactions has ever been released).

None.

Replacement Transactions

(New versions of released transactions).

AgencyInfoDisplay_11

AgencyInfoDisplay returns information about the requested Pseudo City Code (PCC)

- Information on up to nine different PCCs can be requested in one request.
- This transaction was modified to incorporate the new field 'Agency Account Number' in the response.
- This transaction can also be used to request agency information. Returned data includes the PCC, agency name, and agency address.

Refer to the Data Record Changes section to review detailed changes:

- 1431 <AAAandAATInfoRes>

AirAvailability_16

AirAvailability supplies scheduled flights between a given city pair on a given day, and indicates whether seats are available on those flights.

- AirAvailability can also provide availability for carriers or flights. Various qualifiers are available to narrow the search criteria.
- AirAvailability also offers a timetable option, which shows flight schedules for the specified date range.

Refer to the Data Record Changes section to review detailed changes:

- 1000 <AirAvailMods>
- 1001 <AirAvail>

Note: AirAvailability_15 was also released as an archived transaction.

AirAvailabilityByTariff_27

AirAvailabilityByTariff returns a list of available flights that fulfill the rule requirements for a specified tariff. The typical activities for this feature include:

1. The user requests a specific tariff fare and preferred carrier availability.
2. The transaction searches for available flights that fulfill the fare quote rules for that fare.
3. After fares rules have been retrieved for the given city pair, a selection of valid dates is returned that satisfy the fare rules.
4. The user selects a specific date from the valid dates.
5. Availability for the selected date, origin, and destination is retrieved. A grouping of up to 48 flights that satisfy the request is returned.

Refer to the Data Record Changes section to review detailed changes:

- 1000 <AirAvailMods>
- 1001 <AirAvail>
- 1425 <FareInfo>

Note: AirAvailabilityByTariff_26 was also released as an archived transaction.

AirAvailabilityWithCabin_8

AirAvailabilityWithCabin supplies scheduled flights between a given city pair on a given day, and indicates whether seats are available on those flights. What differentiates this transaction from AirAvailability is the inclusion of AAB1 <BICAvail> / <Cabin> element. The <Cabin> element displays the cabin to which the booking code belongs.

Refer to the Data Record Changes section to review detailed changes:

- 1000 <AirAvailMods>
- 1001 <AirAvail>

Note: AirAvailabilityWithCabin_7 was also released as an archived transaction.

CreditCardVerification_3

CreditCardVerification_3 verifies that a credit card number is valid (Validation), or verifies that a credit card is approved by the credit card vendor (Authorization). This transaction is available on both the Travelport Apollo and Travelport Galileo systems.

- For Validation function, the credit card number and the CVV number (security code) are validated for the proper format. For example, a Visa card number is validated to confirm that it is 16 digits and begins with the digit "4". No data is sent to or received from the credit card vendor.

- For Authorization, the approval of the credit card is verified with the credit card vendor, the card is decremented by the requested value, and an approval code is returned. Client applications have the option of adding the CVV number for credit card authorization. See Credit Card CVV/CSC for details.

Refer to the Data Record Changes section to review detailed changes:

- 4100 <CreditCardVerificationMods>
- 4102 <CreditCardAuthReversalMods>
- 4103 <CreditCardAuthReversal>

DocProdFareManipulation_16

The DocProdFareManipulation transaction controls the manipulation and redisplay of stored fares. It also allows MCOs and tickets to be issued for a specified fare within a PNR or BF.

Refer to the Data Record Changes section to review detailed changes:

- 1425 <FareInfo>
- 4015 <DocProdDisplayStoredQuote>
- 4032 <TicketingMods>
- 4033 <Ticketing>

Note: DocProdFareManipulation_15 was also released as an archived transaction.

DocProdFareRequote_7

DocProdFareRequote allows you to update the ticketing modifiers and to requote the fare. DocProdFareRequote also verifies a stored fare quote (ATFQ).

Refer to the Data Record Changes section to review detailed changes:

- 4018 <UpdateModifiersMods>
- 4019 <UpdateModifiers>

Note: DocProdFareRequote_6 was also released as an archived transaction.

FareQuoteBestBuyCompare_24

A basic fare quote provides airfare quotes based on the itinerary and class of service booked. This transaction is used to compare the fare for a booked itinerary, and the best buy fare returned by the FareQuoteBestBuyCompare request.

Refer to the Data Record Changes section to review detailed changes:

- 1418 <BestBuyCompareMods>
- 1425 <FareInfo>

FareQuoteBestBuyRegardless_22

A basic fare quote provides airfare quotes based on the itinerary and class of service booked. This transaction is used to search for the best buy fare, regardless of availability.

Refer to the Data Record Changes section to review detailed changes:

- 1425 <FareInfo>
- 1432 <BestBuyRegardlessMods>

FareQuoteCalendarDates_23

FareQuoteCalendarDates corresponds to the Calendar Shop feature, which combines three functions within one transaction.

- A tariff display function returns available tariff fares.
- A second structured rule transaction returns calendar/time restraints for the tariffs (only dates that are valid for that tariff display as available).
- A third transaction validates a selected tariff fare against the rules.

For the user, a Calendar Shop feature might involve entering an itinerary and receiving fares associated with those segments. The user can then select a fare and view which dates are applicable to that fare. This fare quote function is best suited to fare-driven travellers who are flexible about the dates and times of their itinerary.

Refer to the Data Record Changes section to review detailed changes:

- 1425 <FareInfo>

FareQuoteClassSpecific_26

FareQuoteClassSpecific obtains a fare quote for an itinerary supplied by the requestor, taking into consideration all appropriate fare rules and fare construction principles. Up to eight segments can be supplied by the requestor.

Refer to the Data Record Changes section to review detailed changes:

- 1425 <FareInfo>
- 1434 <FareInfo>

FareQuoteDollarSaver_26

FareQuoteDollarSaver (Fare Quote Best Buy Dollar Saver) finds the best price for a booked itinerary, including all classes that are currently available on the flights that itinerary.

Refer to the Data Record Changes section to review detailed changes:

- 1404 <DollarSaverMods>
- 1425 <FareInfo>

FareQuoteFlexShop_12

FareQuoteFlexShop serves as a fare shopper tool for users who want to check prices for a general itinerary. It is best suited for fare- and schedule-driven travellers. This transaction mirrors the FareQuoteSuperBB transaction, except for the additional flexible shopping feature. The flexible shopping feature encompasses:

- Flex Airport.
- Flex Origin and Destination.
- Flex One Day.
- Flex More Days.
- Flex Weekend.

Refer to the Data Record Changes section to review detailed changes:

- 1000 <AirAvailMods>
- 1001 <AirAvail>
- 1400 <SuperBBMods>
- 1425 <FareInfo>

Note: FareQuoteFlexShop_11 was also released as an archived transaction.

FareQuoteFlightSpecific_26

FareQuoteFlightSpecific finds the lowest price for an itinerary specified in the request, including all classes that are currently available on the flights in that itinerary.

Refer to the Data Record Changes section to review detailed changes:

- 1402 <FareInfo>
- 1425 <FareInfo>

FareQuoteMultiDisplay_23

FareQuoteMultiDisplay allows a user to request tariff displays, rules display (follow-on), currency conversions, ticketing point mileage, and faring functions.

Refer to the Data Record Changes section to review detailed changes:

- 1425 <FareInfo>

FareQuoteStandard_26

FareQuoteStandard transaction finds the lowest price for the booked itinerary.

Refer to the Data Record Changes section to review detailed changes:

- 1406 <FareQuoteMods>
- 1425 <FareInfo>

FareQuoteSuperBB_31

FareQuoteSuperBB serves as a fare shopper tool for users who want to check prices for a general itinerary. This transaction:

- Allows a user to find the best price options for a proposed journey, using origin/destination and date information, without requiring a booked itinerary.
- Combines air availability and a fare quote request. This transaction allows users to enter criteria to limit the shopping request, such as time period, specific carriers to include or exclude, private fare modifiers, and passenger types.

Refer to the Data Record Changes section to review detailed changes:

- 1000 <AirAvailMods>
- 1001 <AirAvail>
- 1400 <SuperBBMods>
- 1425 <FareInfo>

Notes:

- FareQuoteSuperBB_30 was also released as an archived transaction.
- FareQuoteFinder_25 and below was retired this release. Users are instructed to use FareQuoteSuperBB instead.

FareScheduleDisplay_4

The FareScheduleDisplay transaction allows the agent to make both an availability and a fare display request in one entry.

- The request applies to flight availability, plus normal and excursion fare options within the U.S., Canada, Puerto Rico and the U.S. Virgin Islands.

- The response includes the available flights and the best fare options for those flights, the fare basis code, and also indicates whether the fare is roundtrip.

Refer to the Data Record Changes section to review detailed changes:

- 1000 <AirAvailMods>
- 1001 <AirAvail>

Note: FareScheduleDisplay_3 was also released as an archived transaction.

PNRBFManagement_33

PNRBFManagement allows users to manage most aspects of the PNR or BF creation and modification.

Refer to the Data Record Changes section to review detailed changes:

- 1408 <StorePriceMods>
- 1425 <FareInfo>
- 2025 <PNRRetrieve> 4.4
- 6150 <HtlSegSellMods>

PricingRefundExchange_6

This transaction allows the user to retrieve the refund or exchange price for a ticketed booking. To retrieve this data, the PNR must be ticketed.

Refer to the Data Record Changes section to review detailed changes:

- 4083 <RefundPricing>
- 4084 <ExchangePricingMods>
- 4085 <ExchangePricing>

Modified Transactions

(Previously released transactions that have been changed in some way)

AutoRefundExchange_15

AutoRefundExchange is used to confirm the refund price or the new price for a changed (exchanged) itinerary. To confirm this data, the PNR must contain stored fare data in an ATFQ.

Refer to the Data Record Changes section to review detailed changes:

- 2025 <PNRRetrieve>
- 4087 <RefundAccept>

CarMatrix_3

CarMatrix provides a basic availability call which focuses on returning a maximum amount of car rates in the fastest time possible. This transaction was created for web users attempting to fill out a grid of car rates where the axis' represent car vendors by car types. This function provides the data necessary to complete this grid in one call – no "get more" is necessary.

Refer to the Data Record Changes section to review detailed changes:

- 7170 <CarMatrixAvail>

ETicketRetrieval_10

ETicketRetrieval is used to retrieve the itinerary and the fare construction from the original ticket.

Refer to the Data Record Changes section to review detailed changes.

- 2025 <PNRRetrieve>
- 4091 <ETicketRetrieval>

FlightService_6_0

FlightService supplies Flight Service information, which provides scheduled flight information.

Refer to the Data Record Changes section to review detailed changes:

- 1721 <InFltService>

HotelAvailability_15

HotelAvailability supports a standard hotel availability request, and returns a limited list of available hotel properties. A standard availability returns a more limited list of properties than a hotel index search, but returns only hotels with available booking codes.

Refer to the Data Record Changes section to review detailed changes:

- 6100 <HotelAvailabilityMods>
- 6101 <HotelAvailability>

HotelCompleteAvailability_14

HotelCompleteAvailability returns all available booking codes (room rates) for a single hotel property. The source of the booking codes varies depending on the request and vendor. If the vendor has an Inside Availability link to the CRS, the booking codes are returned from the vendor; if there is no Inside Availability access, stored rates are returned from RoomMaster.

Refer to the Data Record Changes section to review detailed changes:

- 6105 <HotelCompleteAvailabilityMods>
- 6106 <HotelCompleteAvailability>

HotelIndex_12

HotelIndex returns a comprehensive list of properties for a specified city, reference point, or postal code, regardless of availability.

Refer to the Data Record Changes section to review detailed changes:

- 6115 <HtlIndexMods>
- 6116 <HtlIndex>

PNRBFDivide_10

The PNRBFDivide transaction allows you to divide or split booking into two different bookings, which, up until now, has only been available to terminal emulation users. Dividing bookings is a method for users to manage their bookings with fewer keystrokes, and to handle unique booking situations.

Refer to the Data Record Changes section to review detailed changes:

- 2025 <PNRRRetrieve>

QueueProcessing_10

QueueProcessing provides the functionality to list, view, and manipulate PNRs or BFs on a queue.

Refer to the Data Record Changes section to review detailed changes:

- 2025 <PNRRRetrieve>

TicketInfoDisplay_14

This transaction is used to obtain information on valid tickets for the passenger. Valid tickets are tickets which were issued, used, but not voided, refunded or exchanged. Tickets can be requested by type: paper, electronic or both.

- Canned remarks information from PNR/BF.
- Pseudo city information.

Refer to the Data Record Changes section to review detailed changes:

- 2025 <PNRRRetrieve>

Retired Transactions

(Retired versions of previously released transactions)

FareQuoteFinder_25 and below

FareQuoteFinder (Fare Quote Finder - Best Buy Quote) prices the current itinerary at the lowest available fare. This transaction uses the origin/destination and date information from a booked itinerary to find the best price options for a proposed journey. Use FareQuoteSuperBB instead of FareQuoteFinder.

HTML Help

The following descriptions highlight the enhancements to the XML Select Help system.

Transaction and Task Documentation

Travelport Galileo is in the process of updating all Transaction documentation to provide standardized field descriptions that are more complete and less ambiguous. Some transactions have been updated for this release, while others will be updated in future releases. This effort is an ongoing process.

New and updated transactions have associated task documentation. The task documentation describes how to use the transactions to perform specific business functions. This documentation displays in the How To section of the individual transactions. Task documents have been either updated or added to new and existing transactions, and related samples are linked with the task document.

The XML API and GWS Technical Communications and Development staff have been diligently working on updating KLR and NWB documentation to make the description for all fields and nodes in the XML transactions more legible and easier to understand. Although the process is not complete, we strive for more completion with every release. Click the data record links in each transaction listed above to see a specific list of updated KLRs and NWBs.

FareQuoteFinder Retirement

Per [Product Advisory PA2243 – ASK Travelport Answer ID PR4106](#), FareQuoteFinder will be retired. Use FareQuoteSuperBB instead.

Rank Rail Stopping Services as Non-stop in Travelport Galileo and Travelport Apollo

Rail service with intermediate stops will be ranked with non-stop air service, by departure order, on availability displays for select city pairs. New functional entries will allow users to exclude ground or rail service from availability displays.

The following transactions and associated Task Documents and Samples have been updated for this enhancement:

- AirAvailability_16
 - Task Flight Availability
 - Task Carrier Specific Availability Return More Classes
 - Task Carrier Specific Display
 - Task Flight Availability Return More Flights
 - Task Flight Availability Specific Availability
 - Task Flight Availability Specific Time Table
 - Task Flight Availability with Booking Filter
 - Task Flight Availability with Booking Preferences
 - Task Flight Availability with Carrier Preferences
 - Sample AirAvailability_16_s17
- AirAvailabilityByTariff_27
 - Task Calendar Shop
 - Sample AirAvailabilityByTariff_27_s7
- AirAvailabilityWithCabin_8
 - Task Flight Availability
 - Task Carrier Specific Availability Return More Classes
 - Task Carrier Specific Display
 - Task Flight Availability Return More Flights
 - Task Flight Availability Specific Availability
 - Task Flight Availability Specific Time Table
 - Task Flight Availability with Booking Filter
 - Task Flight Availability with Booking Preferences
 - Task Flight Availability with Carrier Preferences
 - Sample AirAvailabilityWithCabin_8_s16.xml
- FareQuoteSuperBB_31
 - Task Low Fare Shop
 - Sample FareQuoteSuperBB_31_s26.xml

Hotel Alternative Payment Solutions

As part of the Hotel Alternative Payment Solutions enhancement, several values were added to the <HotelOptionalData> and <HtlSegOptFlds> elements in the PNRBFManagement_33 transaction:

- <HotelOptionalData>
 - Values SS, AI, MR, OR, and RI have been removed
 - Values DB, PA, and SU have been added
- <HtlSegOptFlds>
 - DB, PA, SU have been added.
- The Hotel Sell Optional Field Data document has been updated to reflect these values.

Credit Card Approval Solution (Authorization Reversals)

Travelport will be implementing several enhancements to the Credit Card Approval function across all GDS cores, including the ability to Reverse pending Credit Card authorizations, include CVV on all authorization entries and standardize credit card functionality and error processing. These changes are reflected in the following transactions:

- CreditCardVerification_3
 - Task Authorization Reversal
 - Sample CreditCardVerification_3_s3

Structured Data Exchange and Refunds

Several transactions have been updated to support Form of Payment (FOP) Exchange. These changes are reflected in the following transactions:

- DocProdFareManipulation_16
 - Task Exchange Ticket
 - Sample DocProdFareManipulation_16_s32
- DocProdFareRequote_7
 - Task Update FOP Exchange Mod
 - Sample DocProdFareRequote_7_s46.xml
 - Sample DocProdFareRequote_7_s47.xml

Partial Through Air Search

NOTE: The functionality in the transactions released with Partial Through Air Search enhancement, which is not released on the Production system yet, will not work. [The Partial Through Air Search Product Advisory is PA 2113 – ASK Travelport Answer ID PR3803](#). Please await the completion of the Partial Through Air Search load before coding to the fields in the associated Data Fields. Review the links above associated with the transactions listed below. Note that [ASK Travelport Answer ID PR1109](#) contains the most up to date information regarding Product Advisory loads. This answer will be updated with confirmation of a successful load. Simply navigate to Answer PR1109 and then search for PA 2113.

This enhancement provides Travelport Galileo and Travelport Apollo Shopping the ability to query availability on every combination of Point-to-Point (each independent flight segment) and/or flight connection which make up a double (3 flight) connection. Several transactions have been updated to support Form of Payment (FOP) Exchange. These changes are reflected in the following transactions:

- FareQuoteClassSpecific_26
 - Task Class Specific Quote
 - FareQuoteClassSpecific_26_s15.xml
- FareQuoteFlightSpecific_26
 - Task Flight Specific Best Buy
 - FareQuoteFlightSpecific_26_s18.xml
- FareQuoteSuperBB_30
 - Task Low Fare Shop
 - FareQuoteSuperBB_31_s27.xml
- Point to Point Faring document was also updated for this new functionality.

RoomMaster Search by Lat/Long

This enhancement provides the ability to search by latitude/longitude in reference points. These changes are reflected in the following transactions:

- HotelAvailability_15
- HotelCompleteAvailability_14
- HotelIndex_12

Help Feedback

Each page in the help system, as well as the help pages associated with the transaction files, now has a feedback link. Click the Submit feedback on this page link at the bottom to send an email to GAP-Falcon-XMLDevelopers@travelport.com. This feedback will allow the XML Select documentation team to respond to page-specific documentation issues.

Archived Transactions

Older versions of transactions become archived. Archived transactions retain their functionality and are documented in the Archived Transaction book of the Help. However, it is strongly encouraged that the latest versions of the transactions be used for increased functionality and stability. Refer to Archived Transactions for a complete list of transactions that have been archived, as well as the newest replacement transactions.

Data Record Changes

1000 <SuperBBMods>

This record has the following modification:

- AAGA <GenAvail> was versioned with the field <ExeTrains>
-

1001 <AirAvail>

This record has the following modification:

- AAFH <AvailSummary> was versioned with the field <NumOfFlts>
NOTE: The <NumOfFlts> field was released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.
-

1400 <SuperBBMods>

This record has the following modification:

- GQMT <MetaShopMods> / <MetaOptionType> was updated with:
Note: This field is for future use. Do not code to any value in this field.
- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
- GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.

- GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

1402 <FlightSpecificBestBuyMods>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
 - GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.
 - GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1404 <DollarSaverMods>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
 - GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.
 - GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1406 <FareQuoteMods>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
 - GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.
 - GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1408 <StorePriceMods>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
 - GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.
 - GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1416 <FareQuoteBestBuyQuote>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
- GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.

- GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1418 <BestBuyCompareMods>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
 - GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.
 - GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1425 <FareInfo>

This record has the following modification:

- GFFO <OverrideInfo> was updated with field descriptions to closely match errors on the CRS for IFQ and NAFQ.
 - GFXF <FltItemCrossRefPerPricingOpt> was added to the record.
NOTE: The <FltItemCrossRefPerPricingOpt> field was released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.
-

1431 <AAAandAATInfoRes>

This record has the following modification:

- GRAA <AAAandAATInfo> was versioned with the <AATCurrency> field.
-

1432 <BestBuyRegardlessMods>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
 - GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.
 - GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1434 <ClassSpecificMods>

This record has the following modification:

- GQQM <GenQuoteInfo> was versioned with the following fields:
 - <NewFltItemCrossRefInd>
 - <ValidateInvntry>

NOTE: The <GenQuoteInfo> / <NewFltItemCrossRefInd> and <ValidateInvntry> fields were released with Partial Through Air Search functionality, which is not released on the Production system yet. Please await the arrival of the Product Advisory before coding to this field.

- GQNP <PsgrMods> / <AbsNameNum> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
 - GQPA <PassengerType> / <PassengerType> was updated with enhanced field descriptions in various fields.
 - GQPO <FqPicOnly> / <PIC> field was updated with:
Note: Fare quote will only support up to six different PTC types per transaction.
-

1721 <InFltService>

This record has the following modification:

- AAI7 <InFltServiceCode> / <Code> was updated with the following values:
 - 16 - Lie-Flat seat
 - 17 - Additional service(s) exist
 - 18 - WI-FI
 - 19 - Lie-Flat seat first
 - 20 - Lie-Flat seat business
 - 21 - Lie-Flat seat premium economy
 - 99 - Amenities subject to change
-

2025 <PNRRetrieve>

This record has the following modification:

- HT04 <HotelOptionalData> / <ID> field was updated with the following text:
 - Values SS, AI, MR, OR, and RI have been removed.
 - Values RB, RC, RE, DB, PA, and SU have been added.
 - IT04 <HtlSegOptFlds> / <ID>
 - Values RB, RD, RE, DB, GM, PA, SU have been added.
-

4015 <DocProdDisplayStoredQuote>

This record has the following modification:

- DPIP <InPvtFareInfo>
 - DPOF <OutPvtFareInfo>
-

4018 <ValidTicketInfo>

This record was modified with the addition of the following records:

- DPDB <DetailedBillingMask>
 - DPNM <PassengerInfo>
 - DPXC <ExcRefundTktCoupon>
 - DPXO <ExchangeOldFareDataBase>
 - DPXI <ExcOrigEchangedInfo>
 - DPCM <Commission>
 - DPXN <ExcNewFareDataBase>
 - DPTU <TaxInfo>
 - DPTW <TaxBreakDownInfo>
 - DPXS <ExcRefundOptSelection>
 - DPXL <ExchangePenaltyAmt>
 - DPCP <CommissionPen>
 - DPXP <PenaltyInfo>
 - DPXM <ExchangeEndorEMDRBRefund>
-

4019 <UpdateModifiers>

This record was modified with the addition of the following records:

- DPDB <DetailedBillingMask>
 - DPP0 <CreditCardFOP>
 - DPP1 <CheckFOP>
 - DPP9 <OtherFOP>
 - DPNM <PassengerInfo>
 - DPXC <ExcRefundTktCoupon>
 - DPXO <ExchangeOldFareDataBase>
 - DPTW <TaxBreakDownInfo>
 - DPXI <ExcOrigEchangedInfo>
 - DPCM <Commission>
 - DPXN <ExcNewFareDataBase>
 - DPTU <TaxInfo>
 - DPTW <TaxBreakDownInfo>
 - DPXA <ExchangeAmtInfo>
 - DPXS <ExcRefundOptSelection>
 - DPXF <ExcEMDRBRefundInfo>
 - DPXI <ExcOrigEchangedInfo>
-

4032 <TicketingMods>

This record was modified with the addition of the following records:

- DPNM <PassengerInfo>
 - DPXC <ExcRefundTktCoupon>
 - DPXO <ExchangeOldFareDataBase>
 - DPXI <ExcOrigEchangedInfo>
 - DPCM <Commission>
 - DPXN <ExcNewFareDataBase>
 - DPTU <TaxInfo>
 - DPTW <TaxBreakDownInfo>
 - DPXS <ExcRefundOptSelection>
 - DPXL <ExchangePenaltyAmt>
 - DPCP <CommissionPen>
 - DPXP <PenaltyInfo>
 - DPXM <ExchangeEndorEMDRBRefund>
-

4033 <Ticketing>

This record was modified with the addition of the following records:

- DPNM <PassengerInfo>
 - DPXC <ExcRefundTktCoupon>
 - DPXO <ExchangeOldFareDataBase>
 - DPTW <TaxBreakDownInfo>
 - DPXI <ExcOrigEchangedInfo>
 - DPCM <Commission>
 - DPXN <ExcNewFareDataBase>
 - DPTU <TaxInfo>
 - DPTW <TaxBreakDownInfo>
 - DPXA <ExchangeAmtInfo>
 - DPXS <ExcRefundOptSelection>
 - DPXF <ExcEMDRBRefundInfo>
 - DPXI <ExcOrigEchangedInfo>
-

4083 <RefundPricing>

This record has the following modification:

- GPPF <PsgFacilityCharge>, in version 2.0, had the <PFCary> structure removed (it was available in 1.0). The removal of this array affects customers who have coded to this array, and then upgraded the transaction. The lack of array structure would cause the transaction to fail. So all versions of this <PsgFacilityCharge> were reverted to GPPF 1.0.
-

4084 <ExchangePricingMods>

This record has the following modification:

- DP08 <PICOnlyMod> was added.
-

4085 <ExchangePricing>

This record has the following modification:

- GFPP <PsgFacilityCharge>, in version 2.0, had the <PFCary> structure removed (it was available in 1.0). The removal of this array affects customers who have coded to this array, and then upgraded the transaction. The lack of array structure would cause the transaction to fail. So all versions of this <PsgFacilityCharge> were reverted to GFPP 1.0.
-

4087 <RefundAccept>

This record has the following modification:

- GFPP <PsgFacilityCharge>, in version 2.0, had the <PFCary> structure removed (it was available in 1.0). The removal of this array affects customers who have coded to this array, and then upgraded the transaction. The lack of array structure would cause the transaction to fail. So all versions of this <PsgFacilityCharge> were reverted to GFPP 1.0.
-

4091 <EticketRetrieval>

This record has the following modification:

- GFPP <PsgFacilityCharge>, in version 2.0, had the <PFCary> structure removed (it was available in 1.0). The removal of this array affects customers who have coded to this array, and then upgraded the transaction. The lack of array structure would cause the transaction to fail. So all versions of this <PsgFacilityCharge> were reverted to GFPP 1.0.
-

4100 <CreditCardVerificationMods>

This record has the following modification:

- DPAV <AddressInfo> was added.
-

4102 <CreditCardAuthReversalMods>

This record has the following modification:

- DPP0 <CreditCardFOP> was added.
-

4103 <CreditCardAuthReversal>

This record has the following modification:

- DPOK <DPOK> was added.
 - DPP0 <CreditCardFOP> was added.
 - EROR <ErrMsg> was added.
-

4015 <DocProdDisplayStoredQuote>

This record has the following modification:

- DPIP <InPvtFareInfo> was added.
 - DPOF <OutPvtFareInfo> was added.
-

6100 <AvailabilityRequestMods>

This record has the following modification:

- HTGM <HotelGetMore> was updated with the following text in the <DBPropKey> field:
 - Database Property Key field updated with Lat/Long references:
This field is used for search by Lat/Lon (Hotel availability request with Latitude/Longitude values) to store the last property key processed by the Integrated Database Management System (IDMS). Shop Lat/Lon is not applicable for Traversa Data Store (TDS) users.
 - HTSL <HotelSlotData> was updated with the following text in the / <SlotIDAr> / <SlotID> / <ID> field:
 - Added note: If the request is with Latitude/Longitude (in reference point field), Transportation and Location categories does not apply.
 - HT01 <HotelRequestHeader> was updated with Lat/Long values in the <RefPt> field.
-

6101 <HotelAvailability>

This record has the following modification:

- HTGM <HotelGetMore> was updated with the following text in the <DBPropKey> field:
 - Database Property Key field updated with Lat/Long references:
This field is used for search by Lat/Lon (Hotel availability request with Latitude/Longitude values) to store the last property key processed by the Integrated Database Management System (IDMS). Shop Lat/Lon is not applicable for Traversa Data Store (TDS) users.
 - HTSL <HotelSlotData> was updated with the following text in the / <SlotIDAr> / <SlotID> / <ID> field:
 - Added note: If the request is with Latitude/Longitude (in reference point field), Transportation and Location categories does not apply.
-

6105 <HotelCompleteAvailabilityMods>

This record has the following modification:

- HTSL <HotelSlotData> was updated with the following text in the / <SlotIDAr> / <SlotID> / <ID> field:
 - Added note: If the request is with Latitude/Longitude (in reference point field), Transportation and Location categories does not apply.
-

6106 <HotelCompleteAvailability>

This record has the following modification:

- HTSL <HotelSlotData> was updated with the following text in the / <SlotIDAr> / <SlotID> / <ID> field:
 - Added note: If the request is with Latitude/Longitude (in reference point field), Transportation and Location categories does not apply.
-

6115 <HtlIndexMods>

This record has the following modification:

- HTGM <HotelGetMore> was updated with the following text in the <DBPropKey> field.
 - Database Property Key field updated with Lat/Long references:
This field is used for search by Lat/Lon (Hotel availability request with Latitude/Longitude values) to
-

store the last property key processed by the Integrated Database Management System (IDMS). Shop Lat/Lon is not applicable for Traversa Data Store (TDS) users.

- HTSL <HotelSlotData> was updated with the following text in the / <SlotIDary> / <SlotID> / <ID> field:
 - Added note: If the request is with Latitude/Longitude (in reference point field), Transportation and Location categories does not apply.
 - HT01 <HotelRequestHeader> was updated with Lat/Long values in the <RefPt> field.
-

6116 <HotelIndex>

This record has the following modification:

- HTGM <HotelGetMore> was updated with the following text in the <DBPropKey> field.
 - Database Property Key field updated with Lat/Long references:
This field is used for search by Lat/Lon (Hotel availability request with Latitude/Longitude values) to store the last property key processed by the Integrated Database Management System (IDMS). Shop Lat/Lon is not applicable for Traversa Data Store (TDS) users.
-

6150 <HtlSegSellMods>

This record has the following modification:

- HT04 <HotelOptionalData> / <ID> field was updated with the following text:
 - Values SS, AI, MR, OR, and RI have been removed.
 - Values RB, RC, RE, DB, PA, and SU have been added.
-

7170 <CarMatrixAvailMods>

This record has the following modification:

- CMA1 <CarMatrixAvailability> / <AllVndInd> was changed to default from Y to N.
-

Tools

Installation

Windows Server 2003, 2008, and Windows 7 installation should be 'Run As Administrator'.

For 64-bit operating systems, after installation a pop-up displays with the question: 'In which version of MMC do you want to view this file'. Select the 32-bit radio button.

Windows 7 and Windows Server 2003: When installing, you must first uninstall the previous version. The 'upgrade' option will not work and an error displays for rights privilege for the HCMMgr folder.

Windows Server 2003: If user is using RDP to connect to Win Server 2003, and they install XML Select, a UTA error displays while submitting XML Transactions. The user must use 'mstsc /console' to install XML Select on Windows Server 2003 to avoid this error. If customer logs in directly, they will avoid this issue.

The Server Installation page has been updated with the topic '2003 and 2008 Component Creation and Configuration'. Review this topic before attempting the associated server installation.

SUTA Test Page

The SUTA Test Page was fixed to display in Internet Explorer 9, 10, and 11 for this release.

HCM Manager Console

No changes were made the Host Simulator Console for this release.

Host Simulator Console

No changes were made the Host Simulator Console for this release.

Host Simulator

No changes were made to the Host Simulator for this release.

Client Simulator

No changes were made to the Client Simulator for this release.

IVal

No changes were made to IVal for this release.

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