

## XML Select 4.3 Release

<b>Developer Advisory Number:</b>	471
<b>Version:</b>	01
<b>Load To Production:</b>	01-May-14
<b>High Level Description:</b>	Updates have been made to XML Select help system, transactions, and XML samples.
<b>Impact Summary:</b>	XML Select customers must review the What's New and Archived Transactions sections in the Release Notes prior to upgrading their systems.
<b>Reason For Issue:</b>	First Notification
<b>Customer Impact:</b>	<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
<b>System:</b>	<input checked="" type="checkbox"/> Galileo
	<input checked="" type="checkbox"/> Apollo
	<input type="checkbox"/> Worldspan
<b>Load To Copy:</b>	Not applicable
<b>Web Services: (API and Messaging)</b>	<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><a href="http://testws.galileo.com/GWSSample/Help/GWSHelp/gws.htm">http://testws.galileo.com/GWSSample/Help/GWSHelp/gws.htm</a></p>
<b>Issue History:</b>	Version 01
<b>Contact:</b>	<a href="mailto:paul.bulba@travelport.com">paul.bulba@travelport.com</a>

## Overview

The following sections describe the details of the XML Select 4.3 release.

## 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 XML Select 4.3 Release

The following information is a summary of the changes made to XML Select 4.3 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\_10

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.

See the Data Record Changes section to review detailed changes:

- 1431 <AAAandAATInfoRes>

**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.

See the Data Record Changes section to review detailed changes:

- 2025 <PNRRetrieve>

**Note:** AutoRefundExchange\_14 was also released as an archived transaction.

**ETicketRetrieval\_10**

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

See the Data Record Changes section to review detailed changes:

- 2025 <PNRRetrieve>
- 4091 <ETicketRetrieval>

**Note:** ETicketRetrieval\_9 was also released as an archived transaction.

**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.

See the Data Record Changes section to review detailed changes:

- 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™.

See the Data Record Changes section to review detailed changes:

- 6106 <HotelCompleteAvailability>

**HotelIndex\_12**

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

See the Data Record Changes section to review detailed changes:

- 6116 <HtlIndexMods>

**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.

See the Data Record Changes section to review detailed changes:

- 2025 <PNRRetrieve>

**PNRBFManagement\_32**

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

See the Data Record Changes section to review detailed changes:

- 2025 <PNRRetrieve>

**PricingRefundExchange\_5**

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.

See the Data Record Changes section to review detailed changes:

- 4085 <ExchangePricingMods>

**QueueProcessing\_10**

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

See the Data Record Changes section to review detailed changes:

- 2025 <PNRRetrieve>

**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.

See the Data Record Changes section to review detailed changes:

- 2025 <PNRRetrieve>
- 4039 <ValidTicketInfo>

**Note:** TicketInfoDisplay\_13 was also released as an archived transaction.

**Modified Transactions**

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

**FareQuoteBestBuyCompare\_23**

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.

See the Data Record Changes section to review detailed changes:

- 1418 <BestBuyCompareMods>

**FareQuoteBestBuyRegardless\_21**

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.

See the Data Record Changes section to review detailed changes:

- 1432 <BestBuyRegardlessMods>

**FareQuoteDollarSaver\_25**

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.

See the Data Record Changes section to review detailed changes:

- 1404 <DollarSaverMods>

**FareQuoteFinder\_24**

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.

See the Data Record Changes section to review detailed changes:

- 1416 <FareInfo>

**FareQuoteFlexShop\_10**

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

See the Data Record Changes section to review detailed changes:

- 1400 <SuperBBMods>

**FareQuoteFlightSpecific\_25**

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.

See the Data Record Changes section to review detailed changes:

- 1402 <FlightSpecificBestBuyMods>

**FareQuoteSuperBB\_29**

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.

See the Data Record Changes section to review detailed changes:

- 1400 <SuperBBMods>

## HotelRules\_12

The Hotel Rules request supplies booking requirements for rates at a specific hotel property. Hotel availability transactions (Standard and Complete Availabilities) often list general rules associated with a hotel property. However, hotel rules lists rules requirements and penalties associated with a specific rate at that property.

See the Data Record Changes section to review detailed changes:

- 6131 <HtlRules>

## Retired Transactions

(Retired versions of previously released transactions).

None.

## Help System Changes

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

### Transaction and Task Documentation

Galileo™ by Travelport™ is in the process of updating all Transaction documentation to provide standardised 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.

### Hotel Reviews from TripAdvisor

TripAdvisor allows individual travellers to post reviews of travel service providers through their website.

Individuals planning travel in the future can then view these reviews to help them to determine who they would like to utilise in their own travel. The following transactions were updated to support new fields for Trip Advisor ID, Trip Advisor Score, and Trip Advisor Number of Reviews:

- HotelAvailability\_15
- HotelIndex\_12
- HotelCompleteAvailability\_14

### Agency Commission Report

Commission field (CM) will now be allowed through Apollo™ structure data MK HTL passive sell. The Hotel MK Passive Sell Optional Field Data document has been updated with the following values:

- CM: Max size 2 on Apollo™ (1V)
- NM: Added for Galileo™ (1G)
- RX: Added for 1V (1V: Rate Access Code)
- Note: RX will be returned as RAC in the sell response
- RQ: Max size 12 on 1V

### New Passive Hotel Booking Reason Codes in MIR

New passive hotel booking reason codes for Optional MIR Label A16O1D Data Identifier /BC- (Booking Reason Code) for Bed and Breakfast Lodging (B), Customer Rate (C) and passive segments created by Travelport Rooms and More™ (T). These changes are reflected in the following Help System Documents:

- Hotel MK Passive Sell Optional Field Data document
  - B - Bed and Breakfast Lodging
  - C - Customer Rate

### Hotel Fee and Tax Type Information Updates

Hotel Suppliers provide Travelport with a breakdown of the Total Taxes and the Total Fees/Surcharges applicable to a room rate. This enhancement will introduce additional fields to the tax breakdown display provided by Travelport™ to travel agents in the RoomMaster™ Rate Rules (HOV) and Hotel Select Rate Rules (HR) response messages. These changes are reflected in the following transactions:

- HotelCompleteAvailability\_14
- HotelRules\_12
- HTST <HotelSurchargeTax> / <Description> Updated with OTA FTT table values 29-54

### 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

The following data records have been modified with new or updated elements or values.

#### 1400 <SuperBBMods>

This record has the following modification:

- GQCB <ClassPreference> / <ClassPref> was updated with the following text:
  - NOTE:  
Use this tag GQCB (ClassPreference) over the tag (GQCL (ClassPrefs)) for improved functionality.
- GQCL <ClassPrefs> / <ClassPref> was updated with the following text:
  - NOTE:  
Use GQCB (ClassPreference) over this tag (GQCL (ClassPrefs)) for improved functionality, values, and options.
- GQOD <PFInfo> / <Contract> field was updated with the following text:
  - Description  
Rule ID: The Rule ID is the rule number in the current Travelport Agency Private Fares (APF) product. It is like any other rule number for a fare.
  - NOTE:  
This applies to Travelport Agency Private Fares only. This was formerly the Contract ID field, but is now only used for a Rule ID. When included in the request, Travelport 360 Fares™ only looks for fares within that APF rule number.

#### 1402 <FlightSpecificBestBuyMods>

This record has the following modification:

- GQCB <ClassPreference> / <ClassPref> was updated with the following text:
  - NOTE:  
Use this tag GQCB (ClassPreference) over the tag (GQCL (ClassPrefs)) for improved functionality.

#### 1404 <DollarSaverMods>

This record has the following modification:

- GQCB <ClassPreference> / <ClassPref> was updated with the following text:
  - NOTE:  
Use this tag GQCB (ClassPreference) over the tag (GQCL (ClassPrefs)) for improved functionality.

#### 1416 <FareQuoteBestBuyQuote>

This record has the following modification:

- GQOD <PFInfo> / <Contract> field was updated with the following text:
  - Description  
Rule ID: The Rule ID is the rule number in the current Travelport Agency Private Fares (APF) product. It is like any other rule number for a fare.
  - NOTE:  
This applies to Travelport Agency Private Fares only. This was formerly the Contract ID field, but is now only used for a Rule ID. When included in the request, 360fares only looks for fares within that APF rule number.

#### 1418 <BestBuyCompareMods>

This record has the following modification:

- GQCB <ClassPreference> / <ClassPref> was updated with the following text:
  - NOTE:  
Use this tag GQCB (ClassPreference) over the tag (GQCL (ClassPrefs)) for improved functionality.

#### 1431 <AAAandAATInfoRes>

This record has the following modification:

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

#### 1432 <BestBuyRegardlessMods>

This record has the following modification:

- GQCB <ClassPreference> / <ClassPref> was updated with the following text:
  - NOTE:  
Use this tag GQCB (ClassPreference) over the tag (GQCL (ClassPrefs)) for improved functionality.

#### 2025<PNRRetrieve>

This record has the following modification:

- BP08 <GenPNRInfo> was versioned with the new <LastActAgntID> field.
- ETicketRetrieval now has Auto Scrolling for the <PNRRetrieve> response for versions 6 and above.

#### 4039<ValidTicketInfo>

This record has the following modification:

- DPA7 <TktInfoAssocDoc> was added.
- DPOR <OriginationData> was added.



#### 4085<ExchangePricing>

This record has the following modification:

- DPXE <ExDataExtendedInfo> was versioned with the following fields:
  - <RemainingTotCurncy>
  - <RemainingTotFareAmt>
  - <RemainingTotNumOfDec>
  - <ExcTotCurncy>
  - <ExcTotFareAmt>
  - <ExcTotNumOfDec>
  - <ExcTotAmtSign>

#### 4089<ExchangeAccept>

This record has the following modification:

- DPXE <ExDataExtendedInfo> was versioned with the following fields:
  - <RemainingTotCurncy>
  - <RemainingTotFareAmt>
  - <RemainingTotNumOfDec>
  - <ExcTotCurncy>
  - <ExcTotFareAmt>
  - <ExcTotNumOfDec>
  - <ExcTotAmtSign>

#### 4091 <EticketRetrieval>

This record has the following modification:

- DPA7 <TktInfoAssocDoc> was added.

#### 6101<HotelAvailability>

This record has the following modification:

- HAIS <HotelInsideShopProperty> was versioned with the following fields:
  - <TripAdvisorID>
  - <TripAdvisorScore>
  - <TripAdvisorNumOfReview>

#### 6106<HotelCompleteAvailability>

This record has the following modification:

- HTBR <HotelPayment> /<AmtInd> was updated with the following text:
  - NOTE: If value is "D" (Deposit Required), and (HotelCancel) HTCP / (NonRefundStayInd) in the HOV (HotelRules) response has the value " " (blank) or "N", a deposit is required. However, the vendor may allow a partial refund based on the Cancel date. See the Hotel Rules response for detailed cancellation policies for this room.
- HTCP <HotelCancel> / <NonRefundStayInd> field was updated with the following text:
  - Null data can indicate one of two things:
    1. This data item is not present in vendor's response.
    2. If the value is blank or N, and the value in the HTBR (HotelPayment) /Deposit / Guarantee / Prepayment Indicator (AmtInd) = D, the vendor may allow a partial refund based on the cancel date. See the Hotel Rules response to verify.
- HTPR <HotelPropertyRecord> was versioned with the following fields:
  - <TripAdvisorID>
  - <TripAdvisorScore>
  - <TripAdvisorNumOfReview>
- HTST <HotelSurchargeTax> / <Description> field was updated with values 29-54.

### 6116<HotelIndex>

This record has the following modification:

- HTPR <HotelPropertyRecord> was versioned with the following fields:
  - <TripAdvisorID>
  - <TripAdvisorScore>
  - <TripAdvisorNumOfReview>

### 6131<HtlRules>

This record has the following modification:

- HTBR <HotelPayment> /<AmtInd> was updated with the following text:
  - NOTE: If value is "D" (Deposit Required), and (HotelCancel) HTCP / (NonRefundStayInd) in the HOV (HotelRules) response has the value " " (blank) or "N" a deposit is required. However, the vendor may allow a partial refund based on the Cancel date. See the Hotel Rules response for detailed cancellation policies for this room.
- HTCP <HotelCancel> / <NonRefundStayInd> field was updated with the following text:
  - Null data can indicate one of two things:
    1. This data item is not present in vendor's response.
    2. If the value is blank or N, and the value in the HTBR (HotelPayment) /Deposit / Guarantee / Prepayment Indicator (AmtInd) = D, the vendor may allow a partial refund based on the cancel date. See the Hotel Rules response to verify.
- HTST <HotelSurchargeTax> / <Description> field was updated with values 29-54.

## 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

No changes were made the Host Simulator Console 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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