

FASTPAYHOTELS PROVIDER XML 1.1 INTEGRATION API

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Version

Date	Changes
22-May	<ul style="list-style-type: none"> - DateTime format review. ISO Format - BookingRetrievalRQ optional request parameters review.
11- Jan	<ul style="list-style-type: none"> - Add fields ClosedToArrival and ClosedToDeparture into HotelAvailRateUpdate message.

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1. Introduction

The aim of this document is to give the functions that an IT Channel Manager or provider partner have to implement in order to update rates, allotment, restrictions and retrieve the reservations from the FastPayHotels system.

The document assumes that the reader has a solid understanding of the electronic travel Distribution environment across business, commercial and technical terms, as well as a solid foundation in XML API deployments.

All requests are sent as **HTTP POST web requests** with http header:

Content-Type: text/xml; charset=utf-8 with **TLS1.2** encryption protocol.
Responses are expected with the same content-type and charset.

The DateTime format should be in ISO yyyy-MM-dd for dates and yyyy-MM-ddTHH:mm:ss for datetime datafields.

Datetimes datafields are stored in UTC, therefore UTC datetimes should be used on requests whenever it's necessary.

A single service URL will be provided to access de service

This integration makes no use of soap protocol so Raw XML payload is used instead.
Each method will use a different URL endpoint inside same service URL

Every request should contain the access credentials inside the user and password attributes and optionally Chain ID and/or HotelId when necessary (ChainCode and HotelCode in this document).

2. Endpoint

2.1. Standard endpoint

Fastpayhotels will provide you with the correct URL for each step of the integration.

2.2. Custom endpoint

Channel manager provider could be requested to use custom endpoint URL at FastPayHotels' discretion to allow for better service performance management.

3. Methods

3.1. GetHotelInfo

3.1.1. Objective

This function verifies if the login details are valid and pulls room types, rate plans and meal plans combinations existing in FastPayHotel's system from the connected properties.

The Channel Manager should have already set up their system with the rooms, contracts or rate plans and meal plans that can be connected according to the commercial agreement with the hotelier.

FastPayHotels will not provide this information, so in case of any doubt about the rooms and rates to be created the provider should contact the hotelier.

The implementation of this function is mandatory since the hotel data is imported automatically to the mapping screen.

3.1.2. Prerequisites

User, password and (optionally) Chain Id and/or hotel code.

3.1.3. Sequence of events

- Input xml is sent into FastPayHotels' system.
- FastPayHotels validates the user against the credentials
- XML containing the room types and allowed occupancies, rate plans and meal plans is sent as response for a valid request and error message in case of authentication failure.

3.1.4. Input request XML

```
<?xml version="1.0" encoding="utf-8"?>
<GetHotelInfoRQ>
  <User>TestUser</User>
  <Password>TestPass</Password>
  <ChainCode>BUD-TE</ChainCode>
  <HotelCode>3403</HotelCode>
</GetHotelInfoRQ>
```

3.1.5. Request XML Parameters Description

Element	Attribute	Type	Num	Description
User		String	1	Login Name
Password		String	1	Login Password
ChainCode		String	0..1	Chain code in FPH's System. If submitted, only hotels from selected Chain would be returned
HotelCode		String	0..1	Hotel property Id in FPH's system. If not submitted, all hotels associated to the Chain (if ChainCode submitted) or associated to the user credentials would be returned.

3.1.6. Successful response XML

```

<?xml version="1.0" encoding="utf-8"?>
<GetHotelInfoResponse>
  <Hotel ChainCode="BUD-TE" Code="3403" Name="Test Hotel 1">
    <Rooms>
      <Room Code="1340" Description="Standard double" PriceType="Person">
        <Occupations>
          <MinNumberOfPersons>1</MinNumberOfPersons>
          <MaxNumberOfPersons>3</MaxNumberOfPersons>
          <MinNumberOfAdults>2</MinNumberOfAdults>
          <MaxNumberOfAdults>2</MaxNumberOfAdults>
          <MinNumberOfChildren>0</MinNumberOfChildren>
          <MaxNumberOfChildren>1</MaxNumberOfChildren>
        </Occupations>
        <RatePlans>
          <RatePlan Code="BAR" Description="Best Available Rate" CurrencyCode="EUR" RateType="Gross"/>
          <RatePlan Code="NR" Description="Non Refundable" CurrencyCode="EUR" RateType="Net"/>
        </RatePlans>
        <MealPlans>
          <MealPlan Code="BB" Description="Bed And Breakfast"/>
          <MealPlan Code="HB" Description="Half Board"/>
        </MealPlans>
      </Room>
      <Room Code="1341" Description="1 Bedroom Apartment" PriceType="Unit">
        <Occupations>
          <MinNumberOfPersons>2</MinNumberOfPersons>
          <MaxNumberOfPersons>4</MaxNumberOfPersons>
          <MinNumberOfAdults>2</MinNumberOfAdults>
          <MaxNumberOfAdults>2</MaxNumberOfAdults>
          <MinNumberOfChildren>0</MinNumberOfChildren>
          <MaxNumberOfChildren>2</MaxNumberOfChildren>
        </Occupations>
        <RatePlans>
          <RatePlan Code="BAR" Description="Best Available Rate" CurrencyCode="EUR" RateType="Gross"/>
          <RatePlan Code="NR" Description="Non Refundable" CurrencyCode="EUR" RateType="Net"/>
        </RatePlans>
        <MealPlans>
          <MealPlan Code="RO" Description="Room Only"/>
        </MealPlans>
      </Room>
    </Rooms>
  </Hotel>
</GetHotelInfoResponse>

```

3.1.7. Error response XML

```
<?xml version="1.0" encoding="utf-8"?>
<GetHotelInfoResponse>
  <Errors>
    <Error Type="Wrong username or password"/>
  </Errors>
</GetHotelInfoResponse >
```

3.1.8. Output XML parameters description

Element	Attribute	Type	Num	Description
Hotel			1..n	
	ChainCode	String	1	Property chain code in FPH's system
	Code	String	1	Property Id in FPH's system
	Name	String	1	Property name
Room			1..n	
	Code	String	1	Room type Id
	Description	String	1	Room name
	PriceType	String	1	This attribute informs the price model of the room. Possible values: Person : prices to be updated per person Unit : prices to be updated per unit Occupancy : Price to be updated per occupancy.
MinNumberOfPersons		Integer	1	Minimum total occupancy of the room.
MaxNumberOfPersons		Integer	1	Maximum total occupancy of the room.
MinNumberOfAdults		Integer	1	Minimum number of adults allowed to stay at the room.
MaxNumberOfAdults		Integer	1	Maximum number of adults allowed to stay at the room.
MinNumberOfChildren		Integer	1	Minimum number of children allowed to stay at the room.
MaxNumberOfChildren		Integer	1	Maximum number of children allowed to stay at the room.
RatePlan			1..n	

	Code	String	1	Rate code
	Description	String	1	Rate name
	CurrencyCode	String	1	ISO currency code of the Rate plan
	RateType	String	1	This attribute informs the rate type so that the hotel knows how to set the rate while updating. Possible values: Gross = Gross rate. The updated price will include the agreed commission. Net = Net rates. The updated price will not include the commission. This will be the price the hotel will invoice.
MealPlan			1	
	Code	String	1..N	Meal plan code. Channel must provide FastPayHotels the codes for MealPlans supported Default values would be: RO = Room Only BB = Bed and Breakfast HB = Half Board FB = Full Board AI = All Inclusive

3.2. HotelAvailRateUpdate

3.2.1. Objective

This function is used to update rates, availability restrictions and inventory counts using the room, rate plan and meal plan codes obtained from a (previous) GetHotelInfo call.

3.2.2. Request XML

FastPayHotels supports multiple Chains per Channel so it is up to the channel manager to decide whether to use Chain Codes or not.

If it is agreed that Chain Codes will be used, they are mandatory on all requests.

Chain Codes must always be used if the Hotel Codes are not unique throughout the entire integration.

So, the Channel must ask “Will the codes for the hotels be unique throughout entire integration?”

- Yes - The chain code is optional, and can be used for reducing data transfer weight
- No - The chain code is mandatory on all requests

FastPayHotels CHM API supports up to three Price Models for provider product data, namely Price “Per Room/Unit”, “Per Pax/Person”, “Per Occupancy”

Providers must send data in the same price model as indicated in a (previous) GetHotelInfo response per each Product Unit

Providers can choose from the following entity levels to set the Price Model:

- At Hotel level - All products in a given hotel use the same Price Model
- At RatePlan level - Different Price Models can be set for each defined rate plan
- At Room type level - Different Price Models can be set for each defined room type

Providers must send their data structure matching the selected Price Model configured in the inventory. No rate will be updated if the Price Model sent is different than the one configured (received in the GetHotelInfo response), nor will any data transformation be performed.

Providers can use their own mapping codes for the Price Model. Default values are:

- Prices per person → “Person”
- Prices per room → “Room”
- Prices per occupancy → “Occupancy”
- Prices per room + additional → “Room + Additional Proce Model”

If custom codes are to be used, channel managers must inform them during the implementation phase to properly configure FastPayHotels’ system.

3.2.3 Per Person price model

For multiple occupancy allowance in a specific room.

This price model will update the price at person level (Pax type and order), from the base rate submitted in the *Adult* attribute up to a 7th adult, depending on the maximum capacity of the room.

```
<?xml version="1.0" encoding="utf-8"?>
<HotelAvailRateUpdateRQ
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Credentials>
    <User>user</User>
    <Password>pass</Password>
  </Credentials>
  <HotelAvailRateMessages ChainCode="BUT-TU" HotelCode="14400">
    <HotelAvailRateMessage CurrencyCode="EUR" FromDate="2013-12-10" ToDate="2013-12-10"
RoomCode="2222" RatePlanCode="BAR">
      <RoomsToSell>115</RoomsToSell>
      <Release>2</Release>
      <MinimumStay>2</MinimumStay>
      <MaximumStay>0</MaximumStay>
      <Closed>False</Closed>
      <ClosedToArrival>False</ ClosedToArrival >
      <ClosedToDeparture>False</ ClosedToDeparture >
      <Rates>
        <Rate MinStayBasedRate="1">
          <MealPlans>
            <MealPlan Code="BB">
              <Price PaxType="Adult" PaxPrice="59.00"/>
              <Price PaxType="SingleUse" PaxPrice="74.00"/>
            </MealPlan>
          </MealPlans>
        </Rate>
      </Rates>
    </HotelAvailRateMessage>
  </HotelAvailRateMessages>
</HotelAvailRateUpdateRQ>
```

```

    <Price PaxType="ThirdAdult" PaxPrice="44.25"/>
    <Price PaxType="FirstChildA" PaxPrice="0.00"/>
    <Price PaxType="FirstChildB" PaxPrice="44.25"/>
    <Price PaxType="SecondChildA" PaxPrice="29.50"/>
    <Price PaxType="SecondChildB" PaxPrice="29.50"/>
  </MealPlan>
  <MealPlan Code="HB">
    <Price PaxType="Adult" PaxPrice="69.00"/>
    <Price PaxType="SingleUse" PaxPrice="84.00"/>
    <Price PaxType="ThirdAdult" PaxPrice="51.75"/>
    <Price PaxType="FirstChildA" PaxPrice="0.00"/>
    <Price PaxType="FirstChildB" PaxPrice="51.75"/>
    <Price PaxType="SecondChildB" PaxPrice="29.50"/>
  </MealPlan>
  <MealPlan Code="HB">
    <Price PaxType="Adult" PaxPrice="69.00"/>
    <Price PaxType="SingleUse" PaxPrice="84.00"/>
    <Price PaxType="ThirdAdult" PaxPrice="51.75"/>
    <Price PaxType="FirstChildA" PaxPrice="0.00"/>
    <Price PaxType="FirstChildB" PaxPrice="51.75"/>
    <Price PaxType="SecondChildA" PaxPrice="34.50"/>
    <Price PaxType="SecondChildB" PaxPrice="34.50"/>
  </MealPlan>
</MealPlans>
</Rate>
</Rates>
</HotelAvailRateMessage>
<HotelAvailRateMessage CurrencyCode="EUR" FromDate="2013-12-11" ToDate="2013-
12-11" RoomCode="2222" RatePlanCode="BAR">
  <RoomsToSell>114</RoomsToSell>
  <Release>2</Release>
  <MinimumStay>2</MinimumStay>
  <MaximumStay>0</MaximumStay>
  <Closed>False</Closed>
  <ClosedToArrival>False</ ClosedToArrival >
  <ClosedToDeparture>False</ ClosedToDeparture >
  <Rates>
    <Rate MinStayBasedRate="1">
      <MealPlans>
        <MealPlan Code="BB">
          <Price PaxType="Adult" PaxPrice="59.00"/>
          <Price PaxType="SingleUse" PaxPrice="74.00"/>
          <Price PaxType="ThirdAdult" PaxPrice="44.25"/>
          <Price PaxType="FirstChildA" PaxPrice="0.00"/>
          <Price PaxType="FirstChildB" PaxPrice="44.25"/>
          <Price PaxType="SecondChildA" PaxPrice="29.50"/>
          <Price PaxType="SecondChildB" PaxPrice="29.50"/>
        </MealPlan>
        <MealPlan Code="HB">
          <Price PaxType="Adult" PaxPrice="69.00"/>
          <Price PaxType="SingleUse" PaxPrice="84.00"/>
          <Price PaxType="ThirdAdult" PaxPrice="51.75"/>
          <Price PaxType="FirstChildA" PaxPrice="0.00"/>
          <Price PaxType="FirstChildB" PaxPrice="51.75"/>
          <Price PaxType="SecondChildA" PaxPrice="34.50"/>
          <Price PaxType="SecondChildB" PaxPrice="34.50"/>
        </MealPlan>
      </MealPlans>
    </Rate>
  </Rates>
</HotelAvailRateMessage>

```

3.2.4. Per Room or Unit price model

For multiple occupancy allowance in a specific room, having all a global unique same price.

This price model will update the price at room type OR rate plan level depending on the inventory configuration* a unique price regardless the accepted occupancies in the room.

If price model is assigned to “Rate Plan”, all rooms will use that given Price Model for rates in that Rate Plan

If price model is assigned to “Room Type”, that room price model will be the same for each Rate Plan.

*FastPayHotels currently does not support Price Mode configuration at Product Level (RatePlan + Room Type combo)

```
<?xml version="1.0" encoding="utf-8"?>
<HotelAvailRateUpdateRQ
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Credentials>
    <User>user</User>
    <Password>password</Password>
  </Credentials>
  <HotelAvailRateMessages ChainCode="BUT-TU" HotelCode="14400">
    <HotelAvailRateMessage CurrencyCode="EUR" FromDate="2013-11-28" ToDate="2013-11-28"RoomCode="3333"
RatePlanCode="NR">
      <RoomsToSell>0</RoomsToSell>
      <Release>1</Release>
      <MinimumStay>2</MinimumStay>
      <MaximumStay>0</MaximumStay>
      <Closed>True</Closed>
      <ClosedToArrival>False</ ClosedToArrival >
      <ClosedToDeparture>False</ ClosedToDeparture >
      <Rates>
        <Rate MinStayBasedRate="4">
          <MealPlans>
            <MealPlan Code="BB">
              <Price RoomPrice="193.00"/>
            </MealPlan>
            <MealPlan Code="HB">
              <Price RoomPrice="216.00"/>
            </MealPlan>
          </MealPlans>
        </Rate>
      </Rates>
    </HotelAvailRateMessage>
    <HotelAvailRateMessage CurrencyCode="EUR" FromDate="2013-11-29" ToDate="2013-12-04"RoomCode="3333"
RatePlanCode="NR">
      <RoomsToSell>550</RoomsToSell>
      <Release>1</Release>
      <MinimumStay>2</MinimumStay>
      <MaximumStay>0</MaximumStay>
      <Closed>False</Closed>
      <Rates>
        <Rate MinStayBasedRate="4">
          <MealPlans>
            <MealPlan Code="BB">
              <Price RoomPrice="193.00"/>
            </MealPlan>
            <MealPlan Code="HB">
              <Price RoomPrice="216.00"/>
            </MealPlan>
          </MealPlans>
        </Rate>
      </Rates>
    </HotelAvailRateMessage>
  </HotelAvailRateMessages>
</HotelAvailRateUpdateRQ>
```

3.2.5. Per Occupancy price model

For unique price per occupancy allowance in a specific room.

This price model will update the price at occupancy level, the price for all adult + children combinations accepted.

```
<?xml version="1.0" encoding="utf-8"?>
<HotelAvailRateUpdateRQ
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Credentials>
    <User>user</User>
    <Password>password</Password>
  </Credentials>
  <HotelAvailRateMessages ChainCode="BUT-TU" HotelCode="14400">
    <HotelAvailRateMessage CurrencyCode="EUR" FromDate="2013-12-08" ToDate="2013-12-17"
      RoomCode="4444" RatePlanCode="RACK">
      <RoomsToSell>390</RoomsToSell>
      <Release>0</Release>
      <MinimumStay>3</MinimumStay>
      <MaximumStay>0</MaximumStay>
      <Closed>False</Closed>
      <ClosedToArrival>False</ ClosedToArrival >
      <ClosedToDeparture>False</ ClosedToDeparture >
      <Rates>
        <Rate MinStayBasedRate="2">
          <MealPlans>
            <MealPlan Code="BB">
              <Price OccupancyPrice="80.00" Adults="1" Children="0"/>
              <Price OccupancyPrice="86.00" Adults="2" Children="0"/>
              <Price OccupancyPrice="90.50" Adults="2" Children="1"/>
              <Price OccupancyPrice="90.50" Adults="3" Children="0"/>
            </MealPlan>
            <MealPlan Code="HB">
              <Price OccupancyPrice="90.00" Adults="1" Children="0"/>
              <Price OccupancyPrice="106.00" Adults="2" Children="0"/>
              <Price OccupancyPrice="118.00" Adults="2" Children="1"/>
              <Price OccupancyPrice="118.00" Adults="3" Children="0"/>
            </MealPlan>
          </MealPlans>
        </Rate>
      </Rates>
    </HotelAvailRateMessage>
  </HotelAvailRateMessages>
</HotelAvailRateUpdateRQ>
```

3.2.6. Per Room + Additional price model

For multiple occupancy allowance in a specific room, having all a global unique same price.

This price model will use when the property will send a Room rate for the base occupancy, and separately also send rates for additional guest outside the base occupancy. In this case the Room Rate will be valid for all the occupancies allowed in the base occupancy.

If price model is assigned to “Rate Plan”, all rooms will use that given Price Model for rates in that Rate Plan

If price model is assigned to “Room Type”, that room price model will be the same for each Rate Plan.

*FastPayHotels currently does not support Price Mode configuration at Product Level (RatePlan + Room Type combo)

```
<?xml version="1.0" encoding="utf-8"?>
<HotelAvailRateUpdateRQ
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Credentials>
    <User>user</User>
    <Password>password</Password>
  </Credentials>
  <HotelAvailRateMessages ChainCode="BUT-TU" HotelCode="14400">
    <HotelAvailRateMessage CurrencyCode="EUR" FromDate="2013-12-08"
ToDate="2013-12-17"RoomCode="4444" RatePlanCode="RACK">
      <RoomsToSell>390</RoomsToSell>
      <Release>0</Release>
      <MinimumStay>3</MinimumStay>
      <MaximumStay>0</MaximumStay>
      <Closed>False</Closed>
      <ClosedToArrival>False</ ClosedToArrival >
      <ClosedToDeparture>False</ ClosedToDeparture >
      <Rates>
        <Rate MinStayBasedRate="2">
          <MealPlans>
            <<Rate MinStayBasedRate="1">
              <MealPlans>
                <MealPlan Code="BB">
                  <Price RoomPrice="259.00"/>
                  <Price PaxType="ThirdAdult" PaxPrice="44.25"/>
                  <Price PaxType="FirstChildA" PaxPrice="0.00"/>
                  <Price PaxType="FirstChildB" PaxPrice="44.25"/>
                  <Price PaxType="SecondChildA" PaxPrice="29.50"/>
                  <Price PaxType="SecondChildB" PaxPrice="29.50"/>
                </MealPlan>
                <MealPlan Code="HB">
                  <Price RoomPrice="289.00"/>
                  <Price PaxType="ThirdAdult" PaxPrice="51.75"/>
                  <Price PaxType="FirstChildA" PaxPrice="0.00"/>
                  <Price PaxType="FirstChildB" PaxPrice="51.75"/>
                  <Price PaxType="SecondChildB" PaxPrice="29.50"/></MealPlan>
              </MealPlans>
            </Rate>
          </Rates>
        </HotelAvailRateMessage>
      </HotelAvailRateMessages>
    </HotelAvailRateUpdateRQ>
    <Price RoomPrice="216.00"/>
  </MealPlan>
```

3.2.7. Request XML Parameters description

Element	Attribute	Type	Num	Description
User		String	1	Login Name
Password		String	1	Login Password
HotelAvailRateMessages			1	
	ChainCode	String	0..1	Chain code in FPH's system. Optional only if unique Hotel Codes are used
	HotelCode	String	1	Property Id in FPH's system. Always mandatory
HotelAvailRateMessage			1..n	
	CurrencyCode	String	1	ISO currency code
	FromDate	Date	1	Start date
	ToDate	Date	1	End date
	RoomCode	String	1	Room type code
	RatePlanCode	String	1	Rate code
RoomsToSell		Integer	1	Number of available units to be sold
Release		Integer	1	Number of days of release (Min Booking Advanced Offset)
MinimumStay		Integer	1	Minimum stay
MaximumStay		Integer	1	Maximum stay
Closed		String	1	Stop sales indicator. Accepted values are: True = sales are closed for the submitted room and rate plan. False = sales are opened for the submitted room and rate.
ClosedToArrival		String	1	Closed to arrival indicator. Accepted values are: True = means that product is closed to arrival. False = means that product is open to arrival

ClosedToDeparture		String	1	Closed to arrival indicator. Accepted values are: True = means that product is closed to arrival. False = means that product is open to arrival
Per Unit price model				
Rates			1	
Rate			1..n	
	MinStayBasedRate	Integer	0..1	Stay indicator. If the hotel has a different price depending on the number of days of the stay this element can be used to submit a different price without the need of creating a new RatePlanCode. There will always be a Rate element with MinStayBasedRate=1 as this is the default mandatory value.
MealPlans			1	
MealPlan			1..5	
	Code		1	Meal plan code. The accepted values are: RO = Room Only BB = Bed and Breakfast HB = Half Board FB = Full Board AI = All Inclusive
Price	RoomPrice		1.. n	When price model is per unit, the submitted price would be for the whole room, regardless the number of persons allowed to stay in. This model is usually used when each room allows a unique occupancy.
Per Person price model				
Rates			1	
Rate			1.. n	

	MinStayBasedRate	Integer	0..1	Stay indicator. If the hotel has a different price depending on the number of days of the stay this element can be used to submit a different price without the need of creating a new RatePlanCode. There will always be a Rate element with
				MinStayBasedRate=1 as this is the default mandatory value.
MealPlans			1	
MealPlan			1..5	
	Code	String	1	Meal plan code. The accepted values are: * See previous
Price	PaxType="Adult"	Integer	1	When price model is per person the price is submitted per each of the persons allowed in the room. PaxType="Adult" would be the price adult 1 and 2 of the room pays.
Price	PaxType="SingleUse"	Integer	0..1	Price in single occupancy when the 2 adults' occupancy is also possible. If only single occupancy is allowed, then only the "Adult" tag will be used.
Price	PaxType="ThirdAdult"	Integer	0..1	Price of the 3rd adult
Price	PaxType="FourthAdult"	Integer	0..1	Price of the 4th adult
Price	PaxType="FifthAdult"	Integer	0..1	Price of the 5th adult
Price	PaxType="SixthAdult"	Integer	0..1	Price of the 6th adult
Price	PaxType="SeventhAdult"	Integer	0..1	Price of the 7th adult
Price	PaxType="FirstChildA"	Integer	0..1	Price of the 1st child of the 1st age range.
Price	PaxType="FirstChildB"	Integer	0..1	Price of the 1st child of the 2nd age range.
Price	PaxType="SecondChildA"	Integer	0..1	Price of the 2nd child of the 1st age range

Price	PaxType="SecondChildB"	Integer	0..1	Price of the 2nd child of the 2nd age range
Price	PaxType="ThirdChildA"	Integer	0..1	Price of the 3rd child of the 1st age range
Price	PaxType="ThirdChildB"	Integer	0..1	Price of the 3rd child of the 2nd age range
Price	PaxType="FourthChildA"	Integer	0..1	Price of the 4th child of the 1st age range
Price	PaxType="FourthChildB"	Integer	0..1	Price of the 4th child of the 2nd age range
Price	PaxType="FifthChildA"	Integer	0..1	Price of the 5th child of the 1st age range
Price	PaxType="FifthChildB"	Integer	0..1	Price of the 5th child of the 2nd age range
Per Occupancy price model				
Rates			1	
Rate			1..n	
	MinStayBasedRate	Integer	0..1	Stay indicator. If the hotel has a different price depending on the number of days of the stay this element can be used to submit a different price without the need of creating a new RatePlanCode. There will always be a Rate element with MinStayBasedRate=1 as this is the default mandatory value.
MealPlans			1	
MealPlan			1..5	
	Code		1	Meal plan code. The accepted values are: RO = Room Only BB = Bed and Breakfast HB = Half Board FB = Full Board AI = All Inclusive
Price	OccupancyPrice		1..n	When price model is per occupancy, the price of each adults + children combination allowed to stay in the room should be submitted.

3.2.8. Successful response XML

```
<?xml version="1.0" encoding="utf-8"?>
<HotelAvailRateUpdateRS
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Success/>
</HotelAvailRateUpdateRS>
```

3.2.9. Error response XML

```
<?xml version="1.0" encoding="utf-8"?>
<HotelAvailRateUpdateRS xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Errors>
    <Error Type="Invalid Room or Rate Code"/>
  </Errors>
</HotelAvailRateUpdateRS>
```

3.2.10. Output XML parameter description

Element	Attribute	Type	Num	Description
Success			0..1	The Success element denotes the update has been acknowledged.
Error	Type	String	0..n	The Error element denotes the update has not been acknowledged due to any failure. The error description can be detailed in the Error Type attribute.

3.2.11. Stop Sales Functionality

The default application of a stop sales is by hotel, room and rate plan.

The Closed tag is sent at the HotelAvailRateMessage element level.

Example

A stop sale for room DBL and rate BAR is updated as follows:

```

<?xml version="1.0" encoding="utf-8"?>
<HotelAvailRateMessage CurrencyCode="EUR" FromDate="2017-11-30" ToDate="2017-11-30"
RoomCode="DBL" RatePlanCode="BAR">
  <RoomsToSell>318</RoomsToSell>
  <Release>1</Release>
  <MinimumStay>1</MinimumStay>
  <MaximumStay>0</MaximumStay>
  <Closed>True</Closed>
  <Rates>
    <Rate MinStayBasedRate="1">
      <MealPlans>
        <MealPlan Code="RO">
          <Price PaxPrice="48.15" PaxType="Adult"/>
          <Price PaxPrice="33.71" PaxType="ThirdAdult"/>
        </MealPlan>
        <MealPlan Code="BB">
          <Price PaxPrice="57.78" PaxType="Adult"/>
          <Price PaxPrice="40.45" PaxType="ThirdAdult"/>
        </MealPlan>
      </MealPlans>
    </Rate>
  </Rates>
</HotelAvailRateMessage>

```

3.3. Booking Retrieval

3.3.1. Objective

This function is used to fetch the sold bookings within the submitted period.

Only last status of reservations is expected. We do not support booking modifications. Will be as canceled and rebook.

We will only send one room per booking. No multiroom booking is supported.

The Cancelled status should only be returned when all the rooms from a reservation are cancelled.

3.3.2. Input request XML

```

<?xml version="1.0" encoding="utf-8"?>
<BookingRetrievalRQ>
  <User>user</User>
  <Password>password</Password>
  <ChainCode>BUT-TU</ChainCode>
  <HotelCode>3403</HotelCode>
  <ReservationID />
  <ModifiedDateFrom>2013-12-01T00:00:00</ModifiedDateFrom>
  <ModifiedDateTo>2013-12-07T17:07:19</ModifiedDateTo>
</BookingRetrievalRQ>

```

3.3.3. Request XML Parameters description

Element	Attribute	Type	Num	Description
User		String	1	Login Name
Password		String	1	Login Password
ChainCode		String	0..1	Chain code on FPH's system. Optional only if unique Hotel Codes are used
HotelCode		String	0..1	Property Id in FPH's system. Required whenever Chaincode is not supplied.
ReservationID		String	0..1	Reservation locator. If submitted, only the reservation with this reservation Id should be returned.
ModifiedDateFrom		String	1	Valid Last modification date from
ModifiedDateTo		String	1	Valid Last modification date to

3.3.4. Successful response XML

```

<?xml version="1.0" encoding="UTF-8"?>
<BookingRetrievalResponse responseDate="2013-11-16T10:52:25.687">
  <HotelReservations>
    <HotelReservation ResStatus="Reserved" ChainCode="BUT-TU" HotelCode="3403"
HotelName="Test Hotel 2" BookingDate="2013-10-19T07:42:33.000"
LastModifyDateTime="2013-11-18T21:15:00"
CheckinDate="2013-12-19" CheckOutDate="2013-12-26">
      <Rooms>
        <Room CheckinDate="2013-12-19" CheckOutDate="2013-12-26" RoomCode="2244"
RoomDescription="Studio" MealPlanCode="BB" MealPlanDescription="Bed and Breakfast" RatePlanCode="BAR"
RatePlanDescription="Best Available Rate" NumberOfGuests="3" NumberOfAdults="2" NumberOfChildren="1"
NumberOfBabies="0">
          <Guests>
            <Guest Title="MR" GivenName="DANIEL" SurName="KWIT" Age="30" PaxType="A"/>
            <Guest Title="MRS" GivenName="LINDA" SurName="KWIT" Age="30" PaxType="A"/>
            <Guest Title="MR" GivenName="MICHAEL" SurName="KWIT" Age="6" PaxType="C"/>
          </Guests>
          <Pricing>
            <DailyRates>
              <DailyRate EffectiveDate="2013-12-19">
                <Total AmountAfterTax="158.97" CurrencyCode="EUR"/>
              </DailyRate>
              <DailyRate EffectiveDate="2013-12-20">
                <Total AmountAfterTax="158.97" CurrencyCode="EUR"/>
              </DailyRate>
              <DailyRate EffectiveDate="2013-12-21">
                <Total AmountAfterTax="158.97" CurrencyCode="EUR"/>
              </DailyRate>
              <DailyRate EffectiveDate="2013-12-22">
                <Total AmountAfterTax="158.97" CurrencyCode="EUR"/>
              </DailyRate>
              <DailyRate EffectiveDate="2013-12-23">
                <Total AmountAfterTax="158.97" CurrencyCode="EUR"/>
              </DailyRate>
              <DailyRate EffectiveDate="2013-12-24">

```

```

    <Total AmountAfterTax="158.97" CurrencyCode="EUR" />
  </DailyRate>
  <DailyRate EffectiveDate="2013-12-25">
    <Total AmountAfterTax="158.97" CurrencyCode="EUR" />
  </DailyRate>
</DailyRates>
<RoomTotals>
  <RoomTotal AmountAfterTax="1113.79" CurrencyCode="EUR" IsNetRate="true"
IsGrossRate="false" Commission="0" />
</RoomTotals>
</Pricing>
<Payments>
  <Payment>
    <PaymentDate>2013-10-19</PaymentDate>
    <PaymentAmount>113.27</PaymentAmount>
    <PaymentCurrency>EUR</PaymentCurrency>
    <PaymentOrder>17341823</PaymentOrder>
  </Payment>
</Payments>
</Room>
</Rooms>
<SpecialRequests>
  <SpecialRequest>
    <Text>Please reserve a room in the upper floors and with seaside view</Text>
    <Text>Quiet room</Text>
  </SpecialRequest>
</SpecialRequests>
<ReservationInfo>

```

```

  <Total AmountAfterTax="1113.79" IsNetRate="true" CurrencyCode="EUR"
IsGrossRate="false" Commission="0" />
  <Customer>
    <LeadPax GivenName="DANIEL" SurName="KWIT" />
    <PaymentForm>
      <PaymentCard CardType="VI" CardNumber="1111333366669999" SeriesCode="979"
ExpireDate="0415" "CVV"="123">
        <CardHolderName>DANIEL KWIT</CardHolderName>
      </PaymentCard>
    </PaymentForm>
    <Address>
      <StreetName>Madison square</StreetName>
      <StreetNmbr>97</StreetNmbr>
      <CityName>New York</CityName>
      <PostalCode>NY 2589</PostalCode>
      <CountryName Code="USA" />
    </Address>
    <Contact>
      <Telephone>0034971439755</Telephone>
      <Email>info@mail.com</Email>
    </Contact>
  </Customer>
  <ReservationIDs>
    <ReservationID Value="24681012" />
  </ReservationIDs>
</ReservationInfo>
<AdditionalInfoList>
  <AdditionalInfo Code="Flight number">UX2045</AdditionalInfo>
  <AdditionalInfo Code="Agent code">514785</AdditionalInfo>
</AdditionalInfoList>
</HotelReservation>
</HotelReservations>
</BookingRetrievalResponse>

```

Expected response when there are no existing reservations attending to the requesting criteria.

```
<?xml version="1.0" encoding="UTF-8"?>
<BookingRetrievalResponse responseDate="2012-12-19T10:52:25.687">
  <HotelReservations>
  </HotelReservations>
</BookingRetrievalResponse>
```

3.3.5. Error response XML

```
<?xml version="1.0" encoding="UTF-8"?>
<BookingRetrievalResponse responseDate="2012-12-19T10:52:25.687">
  <Errors>
    <Error Type="Hotel code not found"/>
  </Errors>
</BookingRetrievalResponse>
```

3.3.6. Output XML parameter description

Element	Attribute	Type	Num	Description
BookingRetrievalResponse			1	
	ResponseDate	DateTime	1	Date and time of the request
HotelReservations			1	
HotelReservation			1..n	
	ResStatus	String	1	Status of the reservation. Possible values: Reserved: Reservation is active and has not been modified. Cancelled: Reservation is cancelled.
	ChainCode	String	1	Property chain code in FPH's system
	HotelCode	String	1	Property Id
	HotelName	String	1	Name of the hotel
	BookingDate	DateTime	1	Booking date
	LastModifyDateTime	DateTime	1	Last modification date. When Status=Reserved this date should also be the booking date. When Status=Amended this date is the modification date. When Status=Cancelled this date is acknowledged as the cancellation date.

	CheckinDate	Date	1	Reservation's date of arrival
	CheckOutDate	Date	1	Reservations' date of departure
Rooms			1	
Room			1..n	
	CheckinDate	Date	1	Date of arrival of the room
	CheckOutDate	Date	1	Date of departure of the room
	RoomCode	String	1	Room type Id
	RoomDescription	String	1	Name of the room
	MealPlanCode	String	1	Meal plan code. The accepted values are: RO = Room Only BB = Bed and Breakfast HB = Half Board FB = Full Board AI = All Inclusive
	MealPlanDescription	String	1	Meal plan name
	RatePlanCode	String	1	Rate code
	RatePlanDescription	String	1	Name of the rate
	NumberOfGuests	Integer	1	Total number of persons to stay in the room
	NumberOfAdults	Integer	1	Number of adults to stay in the room
	NumberOfChildren	Integer	1	Number of children to stay in the room
	NumberOfBabies	Integer	1	Number of babies to stay in the room
Guests			1	
Guest			1..n	The number of Guest. Elements provided at the Guests array must match the value of the NumberOfGuests attribute. If only one occupant name can be provided, please repeat the same name for all occupants or provide dummy names like "adult2", "adult3", "child1", "child2," ...
	Title	String	0..1	Title of the guest
	Given Name	String	1	Name of the guest

	SurName	String	1	Surname of the guest
	Age	Integer	1	Guets's age
	PaxType	String	1	Pax type identifier. Accepted values are: A = Adult C = Child B = Baby
Pricing			1	
DailyRates			1	
DailyRate			1..n	
	EffectiveDate	Date	1	Daily break down of the applied rates
	CurrencyCode	String	1	ISO currency code
RoomTotals			1..n	
RoomTotal			1	
	AmountAfterTax	Integer	1	Total price of the room
	CurrencyCode	String	1	ISO currency code
	IsNetRate	boolean	1	Net rate indicator. Denotes the cost should be acknowledged as a net price.
	IsGrossRate	boolean	1	Gross rate indicator. Denotes the cost should be acknowledged as a gross price.
	Commission	String	0..1	Commission amount. If IsGrossRate=true, the applied commission must be informed.
Payments			0..1	Element to inform the booking payments already charged.
Payment			1..n	
	PaymentDate	Date	1	Date of the payment in YYYY-MM-DD format.
	PaymentAmount	Integer	1	Amount of the payment
	PaymentCurrency	String	1	ISO currency code
	PaymentOrder	String	0..1	Unique identifier of the payment.
SpecialRequests			0..1	
SpecialRequest			0..1	Remarks container
	Text	String	1..n	Remarks requested by the customer
ReservationInfo				

Total	AmountAfterTax	Integer	1	Total price of the reservation
	CurrencyCode	String	1	ISO currency code
	IsNetRate	boolean	1	Net rate indicator. Denotes the cost should be acknowledged as a net price.
	IsGrossRate	boolean	1	Gross rate indicator. Denotes the cost should be acknowledged as a gross price.
	Commission	String	0..1	Commission amount. If IsGrossRate=true, the applied commission must be informed.
Customer			1	
LeadPax			1	
	GivenName		1	Name of the head of the group for the reservation. If the names of all passengers can't be broken down in the Guest element, at least the lead pax name should be informed.
	SurName		1	Surname of the lead pax
PaymentForm			0..1	
PaymentCard				
	CardType	String	0..1	OTA Card type code (VI, MC, AX, MA,)
	CardNumber	Integer	0..1	Credit card number
	SeriesCode	Integer	0..1	Security code
	ExpireDate	Date	0..1	Expiration date of the credit card. Mandatory date format: YYYY-MM-DD
	CVV	String	0..1	If is configured by FastPayHotels, return card CVV
	CardHolderName	String	0..1	Holder of the credit card
Address				
StreetName		String	0..1	Street name
StreetNmbr		String	0..1	Street number
CityName		String	0..1	City name
PostalCode		String	0..1	Postal code

CountryName	Code	String	0..1	ISO 3 digit Country code
Contact				
Telephone		String	0..1	Customer's telephone number
Email		String	0..1	Customer's e-mail address
ReservationIDs			1	
ReservationIDs	Value	String	1	Channel's booking reference
AdditionalInfoList			0..1	
AdditionalInfo	Code	String	0..1	If the channel wants to provide any additional relevant information (i.e. flight number, agent code...) can be supplied in this element

4. Notes

This documentation is a result of comprehensive analysis and is based on experience handling interfaces and automated, electronic message processing in B2B processes. Notwithstanding, the documentation is open to review and appraisal and might be modified and amended when and where it is deemed necessary by the relevant business units.

Once the implementation process is ready the provider has to contact FastPayHotels in order to arrange the certification testing.

FastPayHotels reserves the right to schedule this validation process for any convenient date within the next 15 days after receiving the request.