

# Upsell Systems (UPS)

- [Message Type Overview](#)

This page provides an overview of the message types that are most commonly used when connecting Upsell Systems. Listed are as well the direction and the Use-Cases which are covered by these message types.

If you miss any Use-Cases you might discuss these during your Technical Requirements Call to check if/how these could be covered.

## Message Type Overview

If you need more details about the content of the different message types please check each single documentation page.

Message type	Direction	Usecase
<a href="#">OTA_ReadRQ/OTA_ResRetrieveRS (Reservation Lookup)</a>	3rd party protel	Requesting a reservation from the PMS using first name,last name, reservation number
<a href="#">OTA_HotelResNotifRQ/RS</a>	protel 3rd party	Message notifying a subscribing system that a reservation is <ul style="list-style-type: none"><li>• created</li><li>• modified</li><li>• cancelled</li></ul>
<a href="#">OTA_HotelAvailNotifRQ/RS</a>	protel 3rd party	Message notifying the 3rd party about <ul style="list-style-type: none"><li>• new</li><li>• and modified room rate restrictions</li></ul>
<a href="#">IO_ResModifyNotifRQ/RS</a>	3rd party protel	Assigning parameters to an existing reervation in case of an upsell like <ul style="list-style-type: none"><li>• assigning packages (wellness etc.)</li><li>• adding traces ( bring sparkling wine/ prepare the room/ flowers etc.</li><li>• upgrade roomtype/roomnumber/change rate value</li></ul>
<a href="#">OTA_HotelInvCountNotifRQ/RS</a>	protel 3rd party	Message advising the amount of inventory available <ul style="list-style-type: none"><li>• on property level</li><li>• on room type level</li></ul>
Optional		

HTNG_ChargePostingRQ/RS	3rd party protel	Adding charges to a folio of a reservation (in case of upselling) e.g. <ul style="list-style-type: none"> <li>room upgrade charges</li> <li>breakfast</li> <li>half board</li> <li>full board</li> </ul>
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Use case	Workflow step	Sample messages
1	<b>UPS receives needed data by protel PMS</b> <ul style="list-style-type: none"> <li>Getting an overview about the current booking situation of a hotel (past, current and future reservations) by message type OTA_HotelResNotifRQ (Vendors can decide which timespan they would like to receive).</li> </ul>	<b>OTA_HotelResNotifRQ</b> <pre>&lt;?xml version='1.0' encoding='utf-8'?&gt; &lt;OTA_HotelResNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05" xmlns:p="http://protel.io/soap" xmlns:px="http://protel.io/htng/extensions" xmlns:htng="http://htng.org/2014B" CorrelationID="RES#2000044#UPDATE#000144#1558612714917#B2A6" EchoToken="RES#2000044#UPDATE#000144#1558612714917#B2A6" PrimaryLangID="en" ResStatus="Modify" TimeStamp="2019-05-23T11:58:34Z" Version="5.000"&gt;   &lt;POS&gt;     &lt;Source&gt;       &lt;RequestorID ID="2578" ID_Context="protelIO" Type="10"/&gt;       &lt;BookingChannel Primary="true" Type="4"/&gt;       &lt;TPA_Extensions&gt;         &lt;px:POSExtensions&gt;           &lt;px:HotelInfo FiscalDate="2018-10-30"/&gt;         &lt;/px:POSExtensions&gt;       &lt;/TPA_Extensions&gt;     &lt;/Source&gt;   &lt;/POS&gt;   &lt;HotelReservations&gt;     &lt;HotelReservation CreateDateTime="2019-05-16T08:06:00+02:00" CreatorID="lj" LastModifierID="lj" LastModifyDateTime="2019-05-23T13:58:34+02:00" ResStatus="Reserved"&gt;       &lt;UniqueID ID="17225" ID_Context="protelIO" Type="14"/&gt;       &lt;RoomStays&gt;         &lt;RoomStay MarketCode="BUS" SourceOfBusiness="CO"&gt;           &lt;RoomTypes&gt;             &lt;RoomType IsRoom="true" NumberOfUnits="1" RoomID="33 Los tejados templarios" RoomType="Standard Room(49)" RoomTypeCode="STD"/&gt;           &lt;/RoomTypes&gt;           &lt;RatePlans&gt;             &lt;RatePlan EffectiveDate="2019-08-12" ExpireDate="2019-08-13" PriceViewableInd="true" RatePlanCode="BARBB" RatePlanID="150"&gt;               &lt;Guarantee GuaranteeCode="CC" GuaranteeType="CC/DC/Voucher"&gt;                 &lt;GuaranteeDescription Name="Name"&gt;                   &lt;Text TextFormat="PlainText"&gt;Credit Card&lt;/Text&gt;                 &lt;/GuaranteeDescription&gt;                 &lt;GuaranteeDescription Name="Description"&gt;                   &lt;Text TextFormat="PlainText"&gt;Need to pre-authorise for the first night&lt;/Text&gt;                 &lt;/GuaranteeDescription&gt;               &lt;/Guarantee&gt;             &lt;/RatePlan&gt;           &lt;/RatePlans&gt;         &lt;/RoomStay&gt;       &lt;/RoomStays&gt;     &lt;/HotelReservation&gt;   &lt;/HotelReservations&gt; &lt;/OTA_HotelResNotifRQ&gt;</pre>

```

        </Guarantee>
        <CancelPenalties>
            <CancelPenalty PolicyCode="48HRS">
                <PenaltyDescription Name="Name">
                    <Text TextFormat="PlainText">Free cancellation 48 hrs</Text>
                </PenaltyDescription>
                <PenaltyDescription Name="Description">
                    <Text TextFormat="PlainText">Cancelación y modificación sin gastos hasta 48
horas antes de la fecha de llegada. En caso de cancelar o modificar la reserva fuera de dicho plazo, el hotel
cargará la primera noche. En caso de no presentarse, el hotel cargará el importe total de la reserva.**Para
garantizar la reserva el hotel pre-autorizará la tarjeta de crédito o débito proporcionada por el importe
correspondiente a la primera noche en el momento de efectuar la reserva.</Text>
                </PenaltyDescription>
            </CancelPenalty>
        </CancelPenalties>
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</RatePlans>
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NumberOfUnits="1" RatePlanCategory="RG1" RatePlanCode="BARBB" RatePlanID="150" RoomID="33 Los tejados templarios"
RoomTypeCode="STD">
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13" RateTimeUnit="Day" UnitMultiplier="1">
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                    <px:RateAmountExtensions End="2019-08-13" Start="2019-08-12">
                        <px:RateAmount AmountAfterTax="22.00" AmountBeforeTax="20.00"
CurrencyCode="EUR" RevenueCategoryCode="6"/>
                        <px:RateAmount AmountAfterTax="209.00" AmountBeforeTax="190.00"
CurrencyCode="EUR" RevenueCategoryCode="17"/>
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CurrencyCode="EUR" RevenueCategoryCode="9"/>
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                </TPA_Extensions>
            </Rate>
        </Rates>
        <RoomRateDescription Name="MarketCode">
            <Text TextFormat="PlainText">BUS</Text>
        </RoomRateDescription>
        <RoomRateDescription Name="SourceOfBusiness">
            <Text TextFormat="PlainText">CO</Text>
        </RoomRateDescription>
    </RoomRate>
</RoomRates>
<GuestCounts IsPerRoom="true">
    <GuestCount AgeQualifyingCode="10" Count="1"/>
</GuestCounts>
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```

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    </Guarantee>
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        <CancelPenalty PolicyCode="48HRS">
            <PenaltyDescription Name="Name">
                <Text TextFormat="PlainText">Free cancellation 48 hrs</Text>
            </PenaltyDescription>
            <PenaltyDescription Name="Description">
                <Text TextFormat="PlainText">Cancelación y modificación sin gastos hasta 48 horas
antes de la fecha de llegada. En caso de cancelar o modificar la reserva fuera de dicho plazo, el hotel cargará la
primera noche. En caso de no presentarse, el hotel cargará el importe total de la reserva.**Para garantizar la
reserva el hotel pre-autorizará la tarjeta de crédito o débito proporcionada por el importe correspondiente a la
primera noche en el momento de efectuar la reserva.</Text>
            </PenaltyDescription>
        </CancelPenalty>
    </CancelPenalties>
    <Total AmountAfterTax="187.00" AmountBeforeTax="170.00" CurrencyCode="EUR"/>
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protel Hotel"/>
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RevenueCategoryCode="9"/>
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    </TPA_Extensions>
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        <ResGuestRPH RPH="94881"/>
        <ResGuestRPH RPH="94872"/>
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Laureen</Text>
        </Comment>
    </Comments>
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</RoomStays>
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  <CompanyInfo>
    <CompanyName Department="Test">Company_test</CompanyName>
    <AddressInfo DefaultInd="true" FormattedInd="false" Type="2" UseType="3">
      <AddressLine>Company_Street 5</AddressLine>
      <CityName>Testorf-Steinfort</CityName>
      <PostalCode>23936</PostalCode>
      <CountryName Code="DE">Deutschland</CountryName>
    </AddressInfo>
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      <PostalCode>12345</PostalCode>
      <StateProv StateCode="6">Steiermark</StateProv>
      <CountryName Code="AT">Österreich</CountryName>
    </AddressInfo>
    <AddressInfo DefaultInd="false" FormattedInd="false" Type="3" UseType="3">
      <AddressLine>post-Street 77</AddressLine>
      <CityName>Test</CityName>
      <PostalCode>12345</PostalCode>
      <StateProv StateCode="4">Oberösterreich</StateProv>
      <CountryName Code="AT">Österreich</CountryName>
    </AddressInfo>
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PhoneNumber="0125-125478" PhoneTechType="3"/>
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PhoneNumber="01254-125478" PhoneTechType="1"/>
    <Email DefaultInd="true" EmailType="2">company@email.com</Email>
    <Email DefaultInd="false" EmailType="2">company@2email.com</Email>
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        <NamePrefix>Firma</NamePrefix>
        <GivenName>Test_Firstname</GivenName>
        <Surname>Test_Surname</Surname>
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    </ContactPerson>
  </CompanyInfo>
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ID_Context="protelIO" Type="ADDRESSTYPE">P.O. Box</px:AddressType>
    </px:AddressTypes>
    <px:ContactDetails>
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            <px:Entry DefaultInd="false" DisplaySequence="0" ID="315"
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ID_Context="protelIO" Type="CONTACTTYPE">Mobile</px:Entry>
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ID_Context="protelIO" Type="CONTACTTYPE">Fax</px:Entry>
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        </px:AdditionalInfo>
    </px:ContactDetails>
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    </px:PersonInfos>
    <px:StatisticalInfos/>
    <px:AccountingInfos/>
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    <px:Memberships/>
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</ProfileInfo>
</Profiles>
<TPA_Extensions>
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        <px:TelephoneSetting ClassOfService="3"/>
    </px:GuestStayExtensions>
</TPA_Extensions>
</ResGuest>
<ResGuest ArrivalTime="12:00:00+02:00" DepartureTime="12:00:00+02:00" PrimaryIndicator="true"
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        <ProfileInfo>
            <UniqueID ID="94872" ID_Context="protelIO" Type="1"/>
            <Profile CreateDateTime="2019-02-08T13:05:45Z" CreatorID="lj" LastModifierID="lj"
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                        <NamePrefix>Herr</NamePrefix>

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<Surname>Test_Surname</Surname>
</PersonName>
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PhoneNumber="0176-123456" PhoneTechType="5" ShareMarketInd="No"/>
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PhoneNumber="0231-159874" PhoneTechType="3" ShareMarketInd="No"/>
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<Email DefaultInd="false" EmailType="1" ShareMarketInd="No">test2@email.com<
/Email>
<Address DefaultInd="true" FormattedInd="false" ShareMarketInd="No" Type="1"
UseType="7">
    <AddressLine>TestStraße 5</AddressLine>
    <CityName>Testorf-Steinfort</CityName>
    <PostalCode>12345</PostalCode>
    <StateProv StateCode="3">Niederösterreich</StateProv>
    <CountryName Code="AT">Österreich</CountryName>
</Address>
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UseType="7">
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    <CityName>Test</CityName>
    <PostalCode>12345</PostalCode>
    <StateProv StateCode="2">Kärnten</StateProv>
    <CountryName Code="AT">Österreich</CountryName>
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    <CityName>Test</CityName>
    <PostalCode>12345</PostalCode>
    <CountryName Code="ES">Spanien</CountryName>
</Address>
<URL DefaultInd="true" ShareMarketInd="No">Url@test.com</URL>
<CitizenCountryName Code="ES" DefaultInd="true"/>
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Dortmund" EffectiveDate="2018-12-16" ExpireDate="2024-05-16"/>
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EffectiveDate="2018-08-16" ExpireDate="2019-11-30"/>
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  <px:ProfileInfoExtensions>
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ID_Context="protelIO" Type="ADDRESSTYPE">PV</px:AddressType>
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ID_Context="protelIO" Type="ADDRESSTYPE">Bus.</px:AddressType>
      <px:AddressType DefaultInd="false" DisplaySequence="0" ID="8"
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    </px:AddressTypes>
    <px:ContactDetails>
      <px:AdditionalInfo>
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        <px:Entry DefaultInd="false" DisplaySequence="0" ID="145"
ID_Context="protelIO" Type="CONTACTTYPE">Fax</px:Entry>
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ID_Context="protelIO" Type="CONTACTTYPE">E-Mail</px:Entry>
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ID_Context="protelIO" Type="CONTACTTYPE">E-Mail</px:Entry>
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ID_Context="protelIO" Type="VIPCODE">GOLD</px:Code>
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ID_Context="protelIO" Type="MARKETINGCODE">FAL</px:Code>
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    <px:Salutation ID="11" ID_Context="protelIO" Type="SALUTATION">Sehr
geehrter Herr</px:Salutation>

    <px:StatisticalInfos/>
    <px:AccountingInfos/>
    <px:LogEntries/>
    <px:Memberships/>
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</TPA_Extensions>
</Customer>
<Comments>
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    <Text TextFormat="PlainText">Test_Preference
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		<pre> test_lh&lt;/Text&gt;                                 &lt;/Comment&gt;                                 &lt;/Comments&gt;                                 &lt;/Profile&gt;                                 &lt;/ProfileInfo&gt;                                 &lt;/Profiles&gt;                                 &lt;TPA_Extensions&gt;                                 &lt;px:GuestStayExtensions&gt;                                 &lt;px:StayInfo Arrival="2019-08-12T12:00:00+02:00" Departure="2019-08-13T12:00:00+02:00" Role="ArrivingGuest"/&gt;                                 &lt;px:TelephoneSetting ClassOfService="3"/&gt;                                 &lt;/px:GuestStayExtensions&gt;                                 &lt;/TPA_Extensions&gt;                                 &lt;/ResGuest&gt;                                 &lt;/ResGuests&gt;                                 &lt;ResGlobalInfo&gt;                                 &lt;HotelReservationIDs&gt;                                 &lt;HotelReservationID ForGuest="true" ResID_Source="protelIO" ResID_Type="14" ResID_Value="17225"/&gt;                                 &lt;/HotelReservationIDs&gt;                                 &lt;/ResGlobalInfo&gt;                                 &lt;TPA_Extensions&gt;                                 &lt;px:ReservationExtensions&gt;                                 &lt;px:ReservationStatus Code="Def" ID="4" ID_Context="protelIO" Name="Definite" RPH="17225"/&gt;                                 &lt;px:ReservationCode Code="E-Mail" ID="47" ID_Context="protelIO" Language="en_US" Name="E-Mail" RPH="17225" Type="CommunicationChannel"/&gt;                                 &lt;px:ReservationCode Code="CEV" ID="197" ID_Context="protelIO" Language="en_US" Name="City Event" RPH="17225" Type="TravelReason"/&gt;                                 &lt;/px:ReservationExtensions&gt;                                 &lt;/TPA_Extensions&gt;                                 &lt;/HotelReservation&gt;                                 &lt;/HotelReservations&gt;                                 &lt;/OTA_HotelResNotifRQ&gt; </pre>
2	<b>Getting the hotel's availability</b> PMS sends OTA_HotelInvCountNotifRQ to UPS	<div data-bbox="683 1082 949 1106" data-label="Section-Header"> <b>OTA_HotelInvCountNotifRQ</b> </div> <pre> &lt;OTA_HotelInvCountNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05" xmlns:p="http://protel.io/soap" xmlns:px=" http://protel.io/htng/extensions" xmlns:htng="http://htng.org/2014B" CorrelationID="CID_String" EchoToken=" EchoToken_String" PrimaryLangID="en" TimeStamp="2018-10-25T11:15:14Z" Version="3.000"&gt;   &lt;POS&gt;     &lt;Source&gt;       &lt;RequestorID ID="2578" ID_Context="protelIO" Type="10"/&gt;       &lt;BookingChannel Primary="true" Type="4"/&gt;       &lt;TPA_Extensions&gt;         &lt;px:POSExtensions&gt;           &lt;px:HotelInfo FiscalDate="2015-01-08"/&gt;         &lt;/px:POSExtensions&gt;       &lt;/TPA_Extensions&gt; </pre>

```
</Source>
</POS>
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  <Inventory>
    <StatusApplicationControl AllInvCode="false" End="2015-01-09" InvCode="49" InvTypeCode="SUITE" IsRoom="true"
Start="2015-01-09"/>
    <InvCounts>
      <InvCount Count="2" CountType="1"/>
      <InvCount Count="1" CountType="2"/>
      <InvCount Count="1" CountType="3"/>
      <InvCount Count="1" CountType="4"/>
      <InvCount Count="0" CountType="5"/>
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    </InvCounts>
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  <Inventory>
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Start="2015-01-09"/>
    <InvCounts>
      <InvCount Count="8" CountType="1"/>
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      <InvCount Count="3" CountType="3"/>
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      <InvCount Count="0" CountType="5"/>
      <InvCount Count="0" CountType="6"/>
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    <UniqueID ID="51#2015-01-09#3D05" ID_Context="protelIO" Type="16"/>
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  <Inventory>
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Start="2015-01-09"/>
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      <InvCount Count="0" CountType="6"/>
    </InvCounts>
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  </Inventory>
  <Inventory>
    <StatusApplicationControl AllInvCode="false" End="2015-01-09" InvCode="57" InvTypeCode="JUNS" IsRoom="true"
Start="2015-01-09"/>
    <InvCounts>
      <InvCount Count="3" CountType="1"/>
      <InvCount Count="1" CountType="2"/>
      <InvCount Count="1" CountType="3"/>
      <InvCount Count="2" CountType="4"/>
    </InvCounts>
  </Inventory>
</Inventories>
</Source>
```

```

        <InvCount Count="0" CountType="5" />
        <InvCount Count="0" CountType="6" />
    </InvCounts>
    <UniqueID ID="57#2015-01-09#09A9" ID_Context="protelIO" Type="16" />
</Inventory>
<Inventory>
    <StatusApplicationControl AllInvCode="false" End="2015-01-09" InvCode="58" InvTypeCode="QN" IsRoom="true"
Start="2015-01-09" />
    <InvCounts>
        <InvCount Count="1" CountType="1" />
        <InvCount Count="1" CountType="2" />
        <InvCount Count="1" CountType="3" />
        <InvCount Count="0" CountType="4" />
        <InvCount Count="0" CountType="5" />
        <InvCount Count="0" CountType="6" />
    </InvCounts>
    <UniqueID ID="58#2015-01-09#9CA9" ID_Context="protelIO" Type="16" />
</Inventory>
<Inventory>
    <StatusApplicationControl AllInvCode="false" End="2015-01-09" InvCode="43" InvTypeCode="SUPDBL" IsRoom="true"
Start="2015-01-09" />
    <InvCounts>
        <InvCount Count="9" CountType="1" />
        <InvCount Count="2" CountType="2" />
        <InvCount Count="2" CountType="3" />
        <InvCount Count="6" CountType="4" />
        <InvCount Count="0" CountType="5" />
        <InvCount Count="1" CountType="6" />
    </InvCounts>
    <UniqueID ID="43#2015-01-09#0343" ID_Context="protelIO" Type="16" />
</Inventory>
<Inventory>
    <StatusApplicationControl AllInvCode="false" End="2015-01-09" InvCode="59" InvTypeCode="KNG" IsRoom="true"
Start="2015-01-09" />
    <InvCounts>
        <InvCount Count="1" CountType="1" />
        <InvCount Count="1" CountType="2" />
        <InvCount Count="1" CountType="3" />
        <InvCount Count="0" CountType="4" />
        <InvCount Count="0" CountType="5" />
        <InvCount Count="0" CountType="6" />
    </InvCounts>
    <UniqueID ID="59#2015-01-09#AB5B" ID_Context="protelIO" Type="16" />
</Inventory>
<Inventory>
    <StatusApplicationControl AllInvCode="false" End="2015-01-09" InvCode="45" InvTypeCode="COMDBL" IsRoom="true"
Start="2015-01-09" />
    <InvCounts>
        <InvCount Count="5" CountType="1" />
        <InvCount Count="1" CountType="2" />
        <InvCount Count="1" CountType="3" />

```

		<pre>         &lt;InvCount Count="4" CountType="4" /&gt;         &lt;InvCount Count="0" CountType="5" /&gt;         &lt;InvCount Count="0" CountType="6" /&gt;       &lt;/InvCounts&gt;       &lt;UniqueID ID="45#2015-01-09#FF2C" ID_Context="protelIO" Type="16" /&gt;     &lt;/Inventory&gt;   &lt;Inventory&gt;     &lt;StatusApplicationControl AllInvCode="false" End="2015-01-09" InvCode="47" InvTypeCode="STDSGL" IsRoom="true"     Start="2015-01-09" /&gt;     &lt;InvCounts&gt;       &lt;InvCount Count="4" CountType="1" /&gt;       &lt;InvCount Count="2" CountType="2" /&gt;       &lt;InvCount Count="2" CountType="3" /&gt;       &lt;InvCount Count="2" CountType="4" /&gt;       &lt;InvCount Count="0" CountType="5" /&gt;       &lt;InvCount Count="0" CountType="6" /&gt;     &lt;/InvCounts&gt;     &lt;UniqueID ID="47#2015-01-09#D9F5" ID_Context="protelIO" Type="16" /&gt;   &lt;/Inventory&gt; &lt;/Inventories&gt; &lt;/OTA_HotelInvCountNotifRQ&gt; </pre>
3	<p><b>Creating/changing/removing rate restrictions in PMS</b></p> <p>PMS sends OTA_HotelAvailNotifRQ to the UPS</p> <ul style="list-style-type: none"> <li>NOTE: This can also get triggered by external systems.</li> </ul>	<div>OTA_HotelAvailNotifRQ</div> <pre> &lt;OTA_HotelAvailNotifRQ MessageContentCode="2" TimeStamp="2018-12-03T00:00:00.000Z" Version="2" CorrelationID="NSD_02/20_04"&gt;   &lt;AvailStatusMessages HotelCode="2811"&gt;     &lt;AvailStatusMessage&gt;       &lt;StatusApplicationControl Start="2018-12-25" End="2018-12-26" InvTypeCode="Typ 2a" RatePlanCode="AK" /&gt;       &lt;LengthsOfStay&gt;         &lt;LengthOfStay MinMaxMessageType="SetMinLOS" Time="6" TimeUnit="Day" /&gt;       &lt;/LengthsOfStay&gt;       &lt;UniqueID ID="1" Type="16" /&gt;     &lt;/AvailStatusMessage&gt;     &lt;AvailStatusMessage&gt;       &lt;StatusApplicationControl Start="2018-12-25" End="2018-12-26" InvTypeCode="Typ 2a" /&gt;       &lt;UniqueID ID="2" Type="16" /&gt;       &lt;RestrictionStatus Restriction="Arrival" Status="Open" /&gt;     &lt;/AvailStatusMessage&gt;   &lt;/AvailStatusMessages&gt; &lt;/OTA_HotelAvailNotifRQ&gt; </pre>
4	<p><b>In order to assign upsellings to existing reservations, a Reservation Look Up is necessary.</b></p>	

UPS fetches a particular reservation.  
Done via message type OTA\_ReadRQ/OTA  
ResRetrieveRS.

#### OTA\_ReadRQ

```
<OTA_ReadRQ CorrelationID="READ#TEST#1" EchoToken="READ#TEST#1" TimeStamp="2019-06-10T19:10:00Z" xmlns="http://www.opentravel.org/OTA/2003/05">
  <POS>
    <Source>
      <RequestorID ID="2879" Type="10" ID_Context="protelIO"/>
    </Source>
  </POS>
  <ReadRequests>
    <ReadRequest>
      <UniqueID ID="1089" ID_Context="protelIO" Type="14"/>
    </ReadRequest>
  </ReadRequests>
</OTA_ReadRQ>
```

#### OTA\_ResRetrieveRS

```
<OTA_ResRetrieveRS xmlns="http://www.opentravel.org/OTA/2003/05" xmlns:p="http://protel.io/soap" xmlns:px="http://protel.io/htng/extensions" xmlns:htng="http://htng.org/2014B" CorrelationID="READ#TEST#1" EchoToken="52151515151" PrimaryLangID="en" TimeStamp="2019-06-10T17:15:51Z" Version="6.002">
  <Success/>
  <ReservationsList>
    <HotelReservation CreateDateTime="2019-02-25T16:19:11+01:00" CreatorID="bra" LastModifierID="mirel.balc" LastModifyDateTime="2019-05-28T15:52:27+02:00" ResStatus="Reserved">
      <UniqueID ID="1089" ID_Context="protelIO" Type="14"/>
      <UniqueID ID="Test123" ID_Context="CRS" Instance="2019-06-10T17:00:28Z" Type="14"/>
      <RoomStays>
        <RoomStay MarketCode="BSI" SourceOfBusiness="GDS">
          <RoomTypes>
            <RoomType IsRoom="true" NumberOfUnits="1" RoomID="109" RoomType="Standard Twin(56)"
RoomTypeCode="STT"/>
          </RoomTypes>
          <RatePlans>
            <RatePlan EffectiveDate="2019-05-28" ExpireDate="2019-05-29" PriceViewableInd="true"
RatePlanCode="BAR" RatePlanID="1">
              <CancelPenalties/>
              <RatePlanInclusions TaxInclusive="true"/>
            </RatePlan>
          </RatePlans>
          <RoomRates>
            <RoomRate BookingCode="STT" EffectiveDate="2019-05-28" ExpireDate="2019-05-29"
NumberOfUnits="1" RatePlanCategory="BAR" RatePlanCode="BAR" RatePlanID="1" RoomID="109" RoomTypeCode="STT">
              <Rates>
                <Rate AlternateCurrencyInd="false" EffectiveDate="2019-05-28" ExpireDate="2019-05-29" RateTimeUnit="Day" UnitMultiplier="1">
                  <Base AmountAfterTax="-109.00" AmountBeforeTax="-101.87" CurrencyCode="EUR"/>
                </Rate>
              </Rates>
            </RoomRate>
          </RoomRates>
        </RoomStay>
      </RoomStays>
    </HotelReservation>
  </ReservationsList>
</OTA_ResRetrieveRS>
```

```

        <TPA_Extensions>
            <px:RateAmountExtensions End="2019-05-29" Start="2019-05-28">
                <px:RateAmount AmountAfterTax="34.00" AmountBeforeTax="31.77"
CurrencyCode="EUR" RevenueCategoryCode="9"/>
                <px:RateAmount AmountAfterTax="34.00" AmountBeforeTax="31.77"
CurrencyCode="EUR" RevenueCategoryCode="17"/>
            </px:RateAmountExtensions>
        </TPA_Extensions>
    </Rate>
</Rates>
<RoomRateDescription Name="MarketCode">
    <Text TextFormat="PlainText">BSI</Text>
</RoomRateDescription>
<RoomRateDescription Name="SourceOfBusiness">
    <Text TextFormat="PlainText">GDS</Text>
</RoomRateDescription>
</RoomRate>
</RoomRates>
<GuestCounts IsPerRoom="true">
    <GuestCount AgeQualifyingCode="10" Count="1"/>
</GuestCounts>
<TimeSpan End="2019-05-29" Start="2019-05-28"/>
<DepositPayments/>
<CancelPenalties/>
<Total AmountAfterTax="-109.00" AmountBeforeTax="-101.87" CurrencyCode="EUR"/>
<BasicPropertyInfo ChainCode="n/a" HotelCode="2879" HotelCodeContext="protelIO" HotelName="
protel_IO_Testhotel_pAir_2100173"/>
    <TPA_Extensions>
        <px:RateAmountExtensions AlternateCurrencyInd="false" End="2019-05-29" Start="2019-05-28">
            <px:RateAmount AmountAfterTax="34.00" AmountBeforeTax="31.77" CurrencyCode="EUR"
RevenueCategoryCode="9"/>
            <px:RateAmount AmountAfterTax="34.00" AmountBeforeTax="31.77" CurrencyCode="EUR"
RevenueCategoryCode="17"/>
        </px:RateAmountExtensions>
    </TPA_Extensions>
    <ResGuestRPHs>
        <ResGuestRPH RPH="1055"/>
    </ResGuestRPHs>
    <Comments>
        <Comment GuestViewable="false">
            <Text TextFormat="PlainText"/>
        </Comment>
    </Comments>
</RoomStay>
</RoomStays>
<ResGuests>
    <ResGuest ArrivalTime="12:00:00+02:00" DepartureTime="12:00:00+02:00" PrimaryIndicator="true"
ResGuestRPH="1055">
        <Profiles>
            <ProfileInfo>
                <UniqueID ID="1055" ID_Context="protelIO" Type="1"/>
            </ProfileInfo>
        </Profiles>
    </ResGuest>
</ResGuests>

```

```
<Profile CreateDateTime="2019-06-10T17:15:51Z" CreatorID="Unknown" LastModifierID="
Unknown" LastModifyDateTime="2019-06-10T17:15:51Z" ProfileType="1" RPH="1055" ShareAllOptOutInd="Yes" StatusCode="4">
    <Customer BirthDate="0001-01-01" Gender="Unknown">
        <PersonName ShareMarketInd="No">
            <NamePrefix/>
            <GivenName>Tes2</GivenName>
            <Surname>Testing2</Surname>
        </PersonName>
        <Email DefaultInd="true" EmailType="1" ShareMarketInd="No">doruk@gmail.com<
/Email>
        <Address DefaultInd="true" FormattedInd="false" ShareMarketInd="No" Type="3"
UseType="7">
            <AddressLine>teststr</AddressLine>
            <CityName>London</CityName>
            <PostalCode>44799</PostalCode>
        </Address>
        <TPA_Extensions>
            <px:ProfileInfoExtensions>
                <px:AddressTypes/>
                <px>ContactDetails>
                    <px:AdditionalInfo>
                        <px:Entry DefaultInd="false" DisplaySequence="0" ID="147"
ID_Context="protelIO" Type="CONTACTTYPE">E-Mail</px:Entry>
                            </px:AdditionalInfo>
                        </px>ContactDetails>
                    <px:PersonInfos>
                        <px:Codes/>
                    </px:PersonInfos>
                    <px:StatisticalInfos/>
                    <px:AccountingInfos/>
                    <px:LogEntries/>
                    <px:Memberships/>
                </px:ProfileInfoExtensions>
            </TPA_Extensions>
        </Customer>
    </Profile>
</ProfileInfo>
</Profiles>
    <TPA_Extensions>
        <px:GuestStayExtensions>
            <px:StayInfo Arrival="2019-05-28T12:00:00+02:00" Departure="2019-05-29T12:00:00+02:00"
Role="Booker"/>
            <px:TelephoneSetting ClassOfService="3"/>
        </px:GuestStayExtensions>
    </TPA_Extensions>
</ResGuest>
</ResGuests>
<ResGlobalInfo>
    <HotelReservationIDs>
        <HotelReservationID ForGuest="true" ResID_Source="protelIO" ResID_Type="14" ResID_Value="1089"/>
        <HotelReservationID ForGuest="true" ResID_Source="CRS" ResID_Type="14" ResID_Value="Test123"/>
    </HotelReservationIDs>
</ResGlobalInfo>
```

		<pre>         &lt;/HotelReservationIDs&gt;       &lt;/ResGlobalInfo&gt;     &lt;TPA_Extensions&gt;       &lt;px:ReservationExtensions&gt;         &lt;px:ReservationStatus Code="DEF" ID="4" ID_Context="protelIO" Name="Definite" RPH="1089"/&gt;         &lt;px:ReservationCode Code="CHM" ID="215" ID_Context="protelIO" Language="en_US" Name="Channel Manager" RPH="1089" Type="CommunicationChannel"/&gt;         &lt;px:ReservationCode Code="BUS" ID="62" ID_Context="protelIO" Language="en_US" Name="Business" RPH="1089" Type="TravelReason"/&gt;       &lt;/px:ReservationExtensions&gt;     &lt;/TPA_Extensions&gt;   &lt;/HotelReservation&gt; &lt;/ReservationsList&gt; &lt;/OTA_ResRetrieveRS&gt; </pre>
5	<p><b>UPS influences existing reservation by</b></p> <ul style="list-style-type: none"> <li>• assigning packages (wellness etc.),</li> <li>• adding traces ( bring sparkling wine/ prepare the room/ flowers etc. and/or</li> <li>• upgrading roomtype/roomnumber /change rate value.</li> </ul> <p>Done via IO_ResModifyNotifRQ.</p>	<p>See the following page for further Use Cases / Sample messages:</p> <p><a href="#">IO_ResModifyNotifRQ/RS _ Old#Samplemessages</a></p> <div> <p><b>IO_ResModify</b></p> <pre> &lt;p:IO_ResModifyNotifRQ xmlns:p="http://protel.io/soap" CorrelationID="UseCase2a" Timestamp="2020-01-30T10:58:51Z" Version="1.00"&gt;   &lt;p:Reservations HotelCode="2572"&gt;     &lt;p:Reservation&gt;       &lt;p:UniqueID Type="Reservation" ID="11338" ID_Context="protelIO"/&gt;       &lt;p:Slices&gt;         &lt;p:Slice&gt;           &lt;p:Room RoomType="DBL-SUP"/&gt;         &lt;/p:Slice&gt;       &lt;/p:Slices&gt;       &lt;FixedCharges&gt;         &lt;p:FixedCharge Action="CREATE" Quantity="1"&gt;           &lt;p:Price SingleAmountAfterTax="20.00" CurrencyCode="EUR"/&gt;           &lt;p:Item Code="99999"/&gt;         &lt;/p:FixedCharge&gt;       &lt;/FixedCharges&gt;     &lt;/p:Reservation&gt;   &lt;/p:Reservations&gt; &lt;/p:IO_ResModifyNotifRQ&gt; </pre> </div>



6

**UPS sending in upsellings via direct revenue charges like room upgrade charges, breakfast, half board and/or full board.**

Done via HTNG\_ChargePostingRQ.

#### HTNG\_ChargePostingRQ

```
<HTNG_ChargePostingRQ xmlns="http://htng.org/2014B" EchoToken="EchoToken_String" Version="0" CorrelationID="CID_string">
  <POS>
    <Source xmlns="http://www.opentravel.org/OTA/2003/05">
      <RequestorID ID="2811" Type="10" ID_Context="protelIO"/>
      <BookingChannel Type="4" Primary="true"/>
    </Source>
  </POS>
  <Posting ID="7">
    <Transaction TicketID="13">
      <RevenueDetails>
        <RevenueDetail Description="Breakfast" PMSRevenueCode="301" CurrencyCode="EUR" Amount="100.00"
SubTypeID="Revenue">
          <ExtendedPrice Quantity="12"/>
          <Account ID="23889" Type="14" ID_Context="protelIO"/>
        </RevenueDetail>
      </RevenueDetails>
    </Transaction>
  </Posting>
</HTNG_ChargePostingRQ>
```