

OrderChange 18.1

Implementation guide

- [Interface Overview](#)
 - [Description](#)
 - [Current Scope](#)
 - [Out of scope](#)
 - [Limitations](#)
 - [Sequence Diagram](#)
 - [Use case: Add a service to an order](#)
 - [Prerequisites](#)
 - [Flow](#)
 - [Use case: Add/Remove/Exchange flights in the order](#)
 - [Prerequisites](#)
 - [Flow](#)
 - [Use case: Confirm pending order](#)
 - [Prerequisites](#)
 - [Flow](#)
 - [Use case: Validate 3DS authentication and confirm order](#)
 - [Prerequisites](#)
 - [Flow](#)
 - [Use case: Confirm order with 3DS2 authentication data](#)
 - [Prerequisites](#)
 - [Flow](#)
 - [Use case: Order Split](#)
 - [Prerequisites](#)
 - [Limitations](#)
 - [Flow](#)

- [Use case: Itinerary reprice](#)
 - [Prerequisites](#)
 - [Flow](#)
 - [Use case: Add a seat with currency override](#)
 - [Prerequisites](#)
 - [Limitations](#)
 - [Flow](#)
 - [Building a Query: OrderChangeRQ](#)
 - [Point of sale](#)
 - [Party](#)
 - [3DS2](#)
 - [Augmentation Point](#)
 - [Booking Reference](#)
 - [Action Context Code](#)
 - [ChangeOrder](#)
 - [UpdatePax](#)
 - [UpdateOrderItem](#)
 - [AcceptOffer](#)
 - [SelectedOffer](#)
 - [CreateOrderItem](#)
 - [DataLists](#)
 - [InstructionsList](#)
 - [ServiceDefinitions](#)
 - [Passengers](#)
 - [Order](#)
 - [OrderChangeParameters](#)
 - [Option 1: To be sent along the payment information](#)
 - [Option 2: To be sent for 3DS authentication validation and order confirmation](#)

- [Option 3 : To be sent for Order Split](#)
- [Payments](#)
- [Metadata](#)
 - [CurrencyMetadata](#)
- [Receiving a Reply: OrderViewRS](#)
- [Troubleshooting](#)
- [Detailed Use Cases](#)
 - [Use case 1: Book an extra seat for one of the passengers in the order](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Message](#)
 - [Use case 2: Book extra services from offer items](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Message](#)
 - [Use case 3: Book extra service from offer item and extra seat \(not in offer item\)](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Message](#)
 - [Use case 4: Book extra services from offer items, 3DS requested for payment](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Message](#)
 - [Use case 5: Confirm a pending order](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Message](#)
 - [Use case 6: Validate a 3DS authentication and confirm the order](#)

- [Use Case Description](#)
- [Preconditions](#)
- [Message](#)
- [Use case 7: Change a flight in a confirmed order](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Message](#)
- [Use case 8: Change a flight in a un-confirmed order in deferred payment](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Limitations](#)
 - [Message](#)
- [Use case 9: Order Split](#)
 - [Use Case Description](#)
 - [Prerequisites](#)
 - [Limitation](#)
 - [Message](#)
- [Use case 10: Update the order amounts adding the OB fees](#)
 - [Use case description](#)
 - [Prerequisites](#)
 - [Message](#)
- [Use case 11: Update the order amounts removing the OB fees, and requesting issuance and payment](#)
 - [Use case description](#)
 - [Prerequisites](#)
 - [Message](#)
- [Use case 12: Update the order amounts updating the itinerary price \(reprice TST\)](#)
 - [Use case description](#)
 - [Prerequisites](#)

- [Message](#)
- [Use case 13: Update the order amounts updating the itinerary price \(reprice TST\), pay&issue](#)
 - [Use case description](#)
 - [Prerequisites](#)
 - [Message](#)
- [Use case 14: Book an extra seat with Currency Override](#)
 - [Use case description](#)
 - [Prerequisites](#)
 - [Message](#)
- [Use case 15: Confirm an Order with 3DS2 authentication data](#)
 - [Use Case Description](#)
 - [Preconditions](#)
 - [Message](#)
- [Use case 16: Deferred payment in exchange: Change the itinerary in an order without payment](#)
 - [Use case description](#)
 - [Preconditions](#)
 - [Message](#)
- [Use case 17: Deferred payment in exchange: Pay and finalise an unpaid order](#)
 - [Use case description](#)
 - [Preconditions](#)
 - [Message](#)
- [Glossary](#)
- [Legal disclaimer](#)

Interface Overview

Description

The OrderChangeRQ/OrderViewRS allows to add/remove/update an element to an existing order. The scope of these elements is defined in the following section.

Current Scope

Are considered in the scope of the current Altea NDC release:

- Add additional seat
- Book services from offer item
- Changes on confirmed order (all previous elements of booking are confirmed, paid and issued before OrderChange).
- Order items exchange (flights only)
- Pending order confirmation (payment and issuance of Tickets/EMDs)
- 3DS Validation and order confirmation
- Order Split
- Confirmation of OB fees re-computation
- Confirmation of reprice itinerary
- Changes on un-confirmed order in deferred payment

Out of scope

- Services order items exchange

Limitations

Here are the limitations related to the current Altea NDC release:

- Payment and issuance are mandatory if the item booked is chargeable.
- Only one FOP is accepted per request

- For changes on un-confirmed order, all ancillary (impacted by the flight change or not) will be deleted with their pricing record.

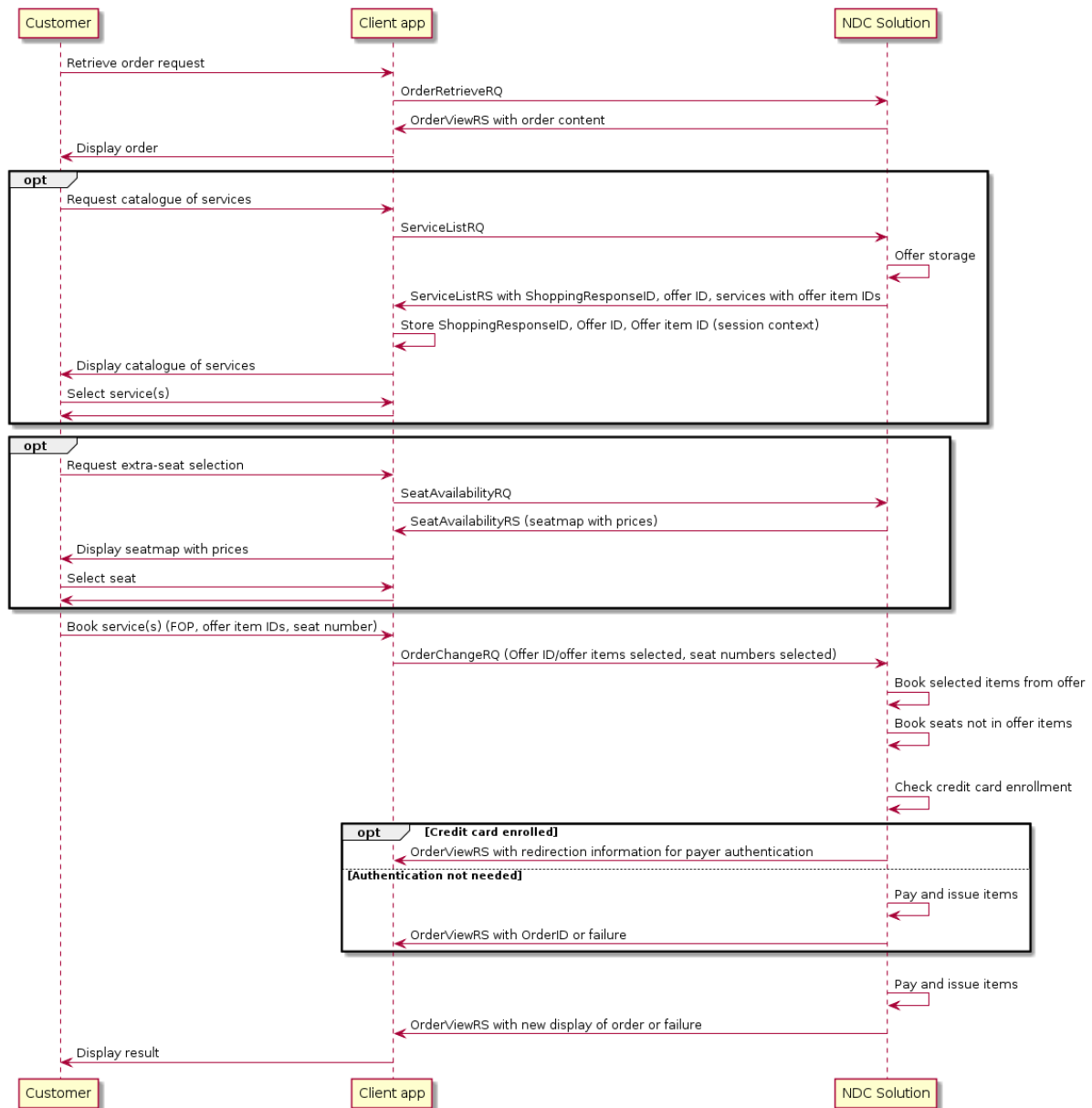
Sequence Diagram

Use case: Add a service to an order

Prerequisites

- The OrderCreate request has been run successfully to book and confirm (issue) an order.
- All existing quotations elements in the order are already confirmed and issued.

Flow

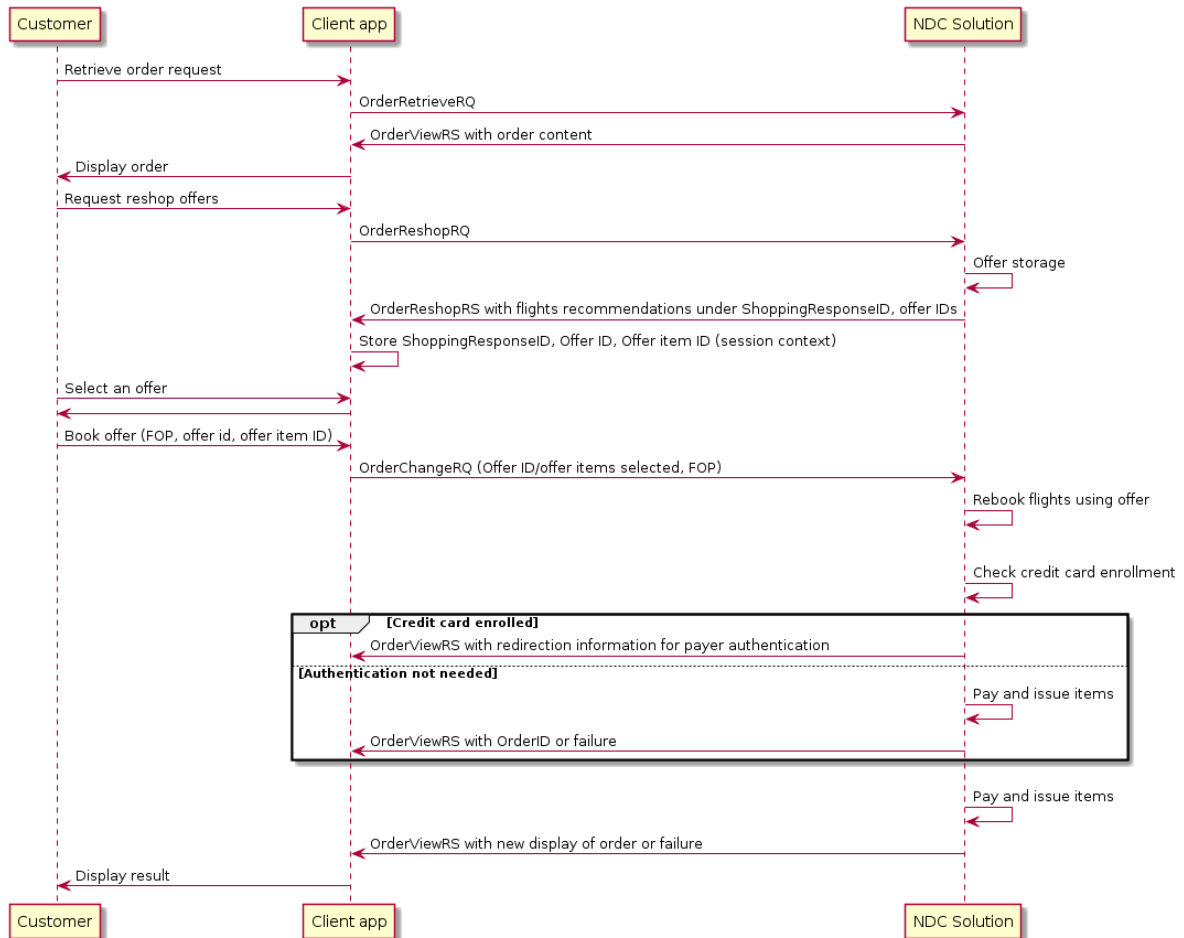


Use case: Add/Remove/Exchange flights in the order

Prerequisites

- The OrderCreate request has been run successfully to book and confirm (issue) an order.
- All existing quotations elements in the order are already confirmed and issued.

Flow

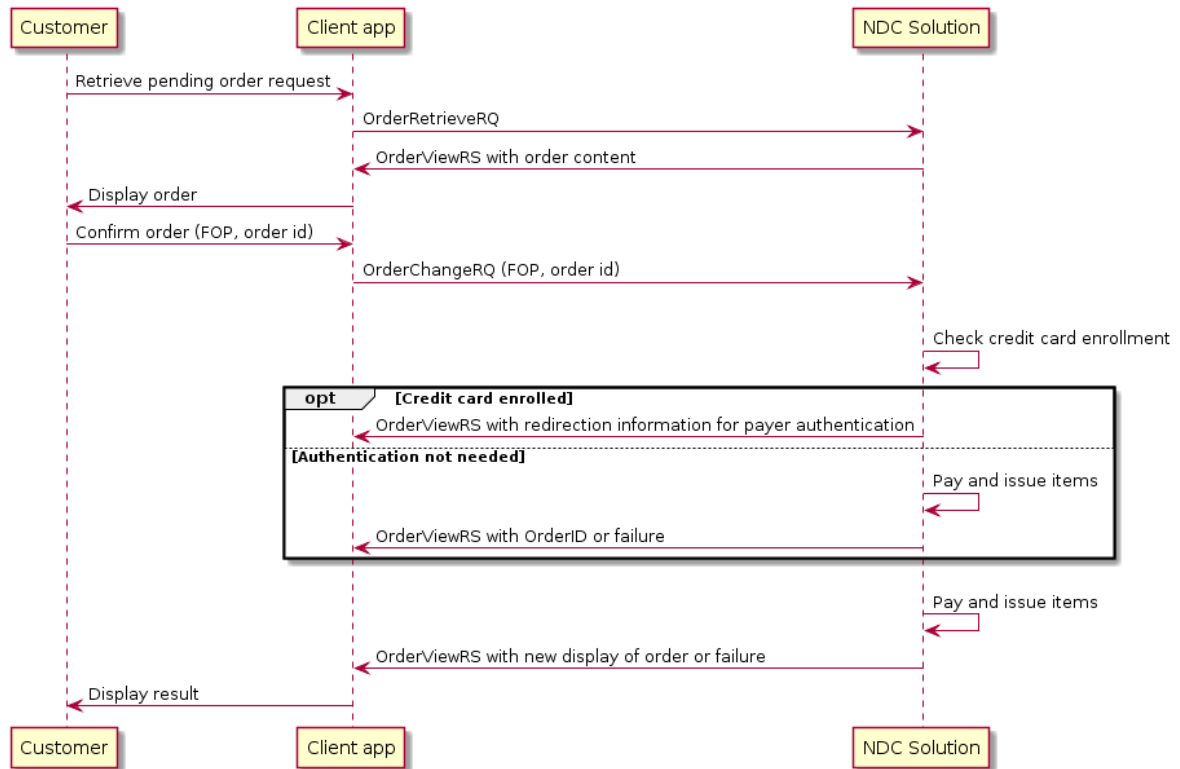


Use case: Confirm pending order

Prerequisites

- The OrderCreate request has been run successfully to book an order, without payment.

Flow

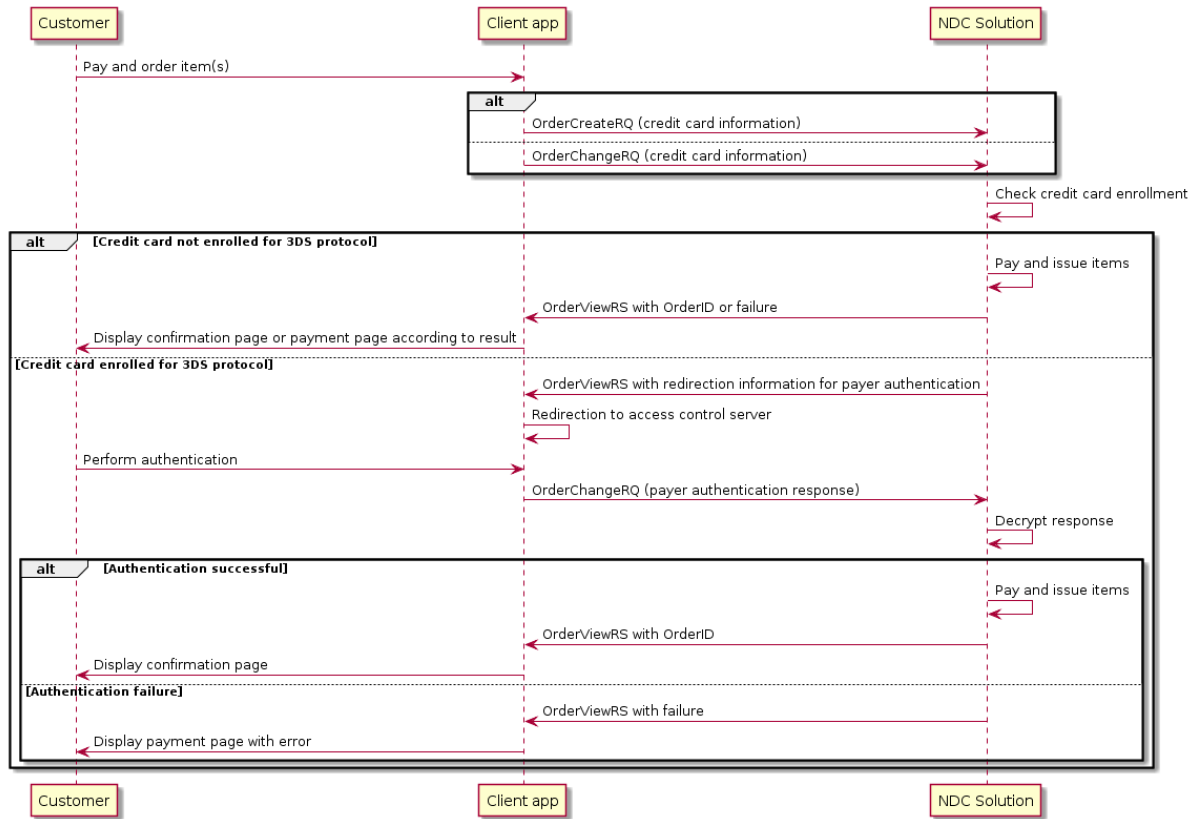


Use case: Validate 3DS authentication and confirm order

Prerequisites

- An Order transaction (Create or Change) with credit card information has been run successfully to book offer items, and an OrderViewRS with redirection information has been returned.
- The 3DS authentication has been performed on the Access Control Server

Flow

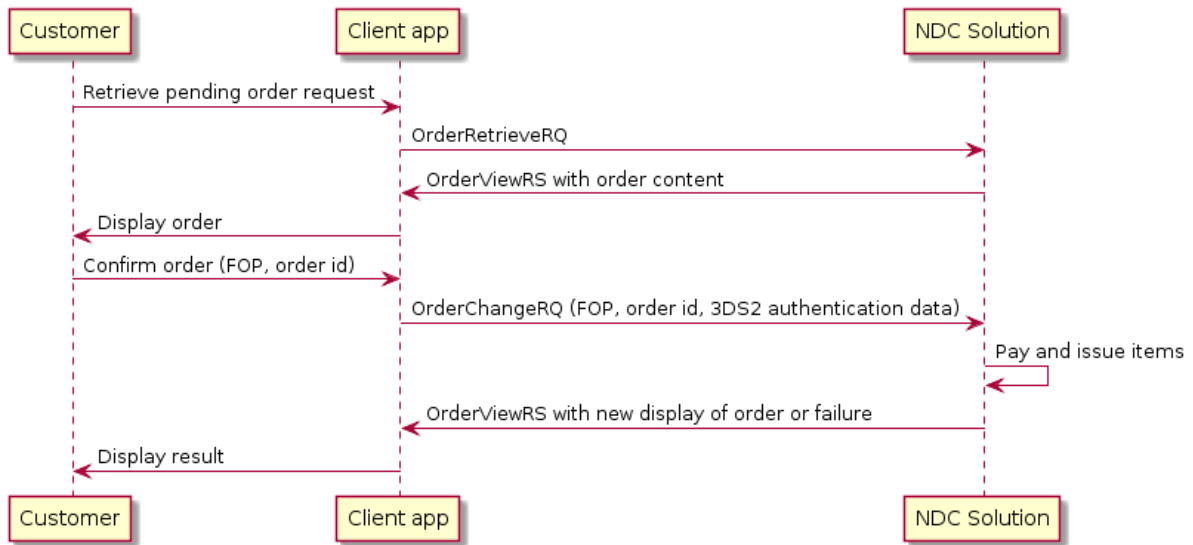


Use case: Confirm order with 3DS2 authentication data

Prerequisites

- An Order transaction (Create or Change) has been run successfully to book offer items, and an OrderViewRS with has been returned.
- The 3DS2 authentication has been performed via a 3DSecure provider.

Flow



Use case: Order Split

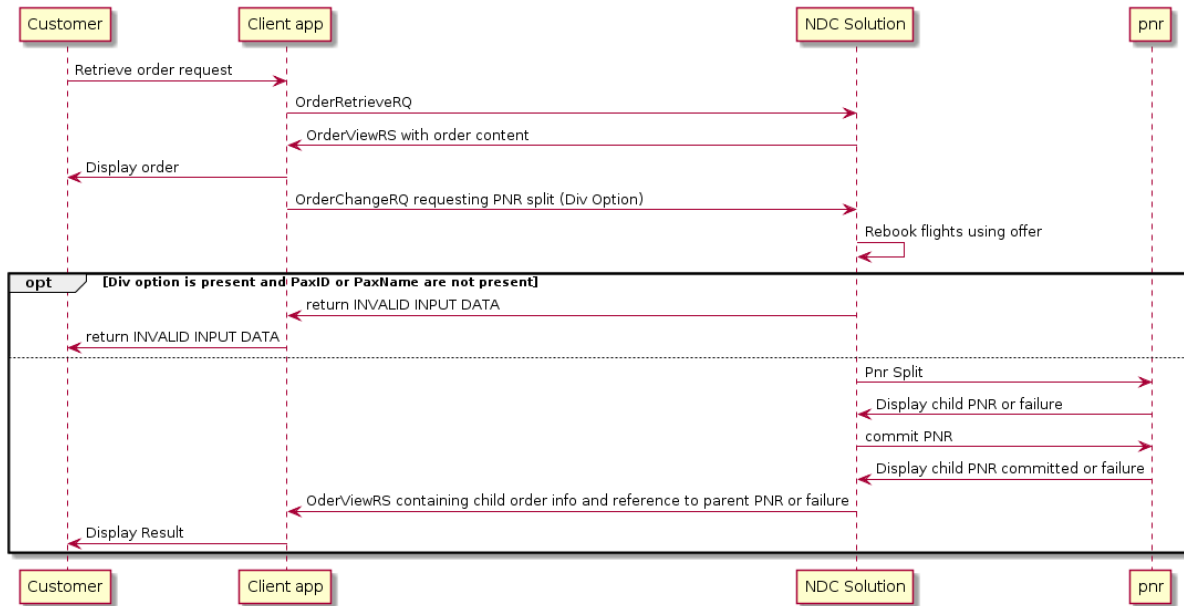
Prerequisites

- An order has been created successfully with OrderCreator.
- The user is authorized to perform PNR Split
- PaxIDs in entry are the ones sub-divided and returned in OrderViewRs

Limitations

- Same limitations than PNR split (Non-homogeneous conditions, increase/decrease number in party, print on child PNR, etc.)
- Void of a sub-divided Order with same Credit Card. Agent has to do a manual reversal

Flow

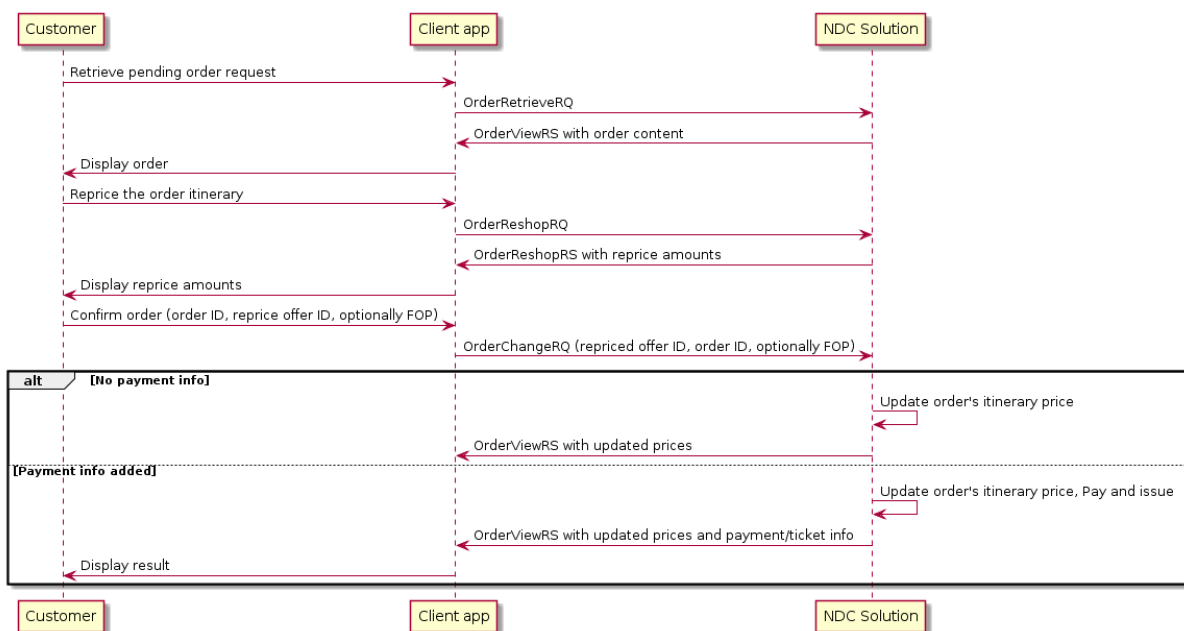


Use case: Itinerary reprice

Prerequisites

- The OrderCreate request has been run successfully to book an order, without payment.
- After TST expiration, The OrderReshopRQ has been run successfully to get a repriced itinerary offer.

Flow



Use case: Add a seat with currency override

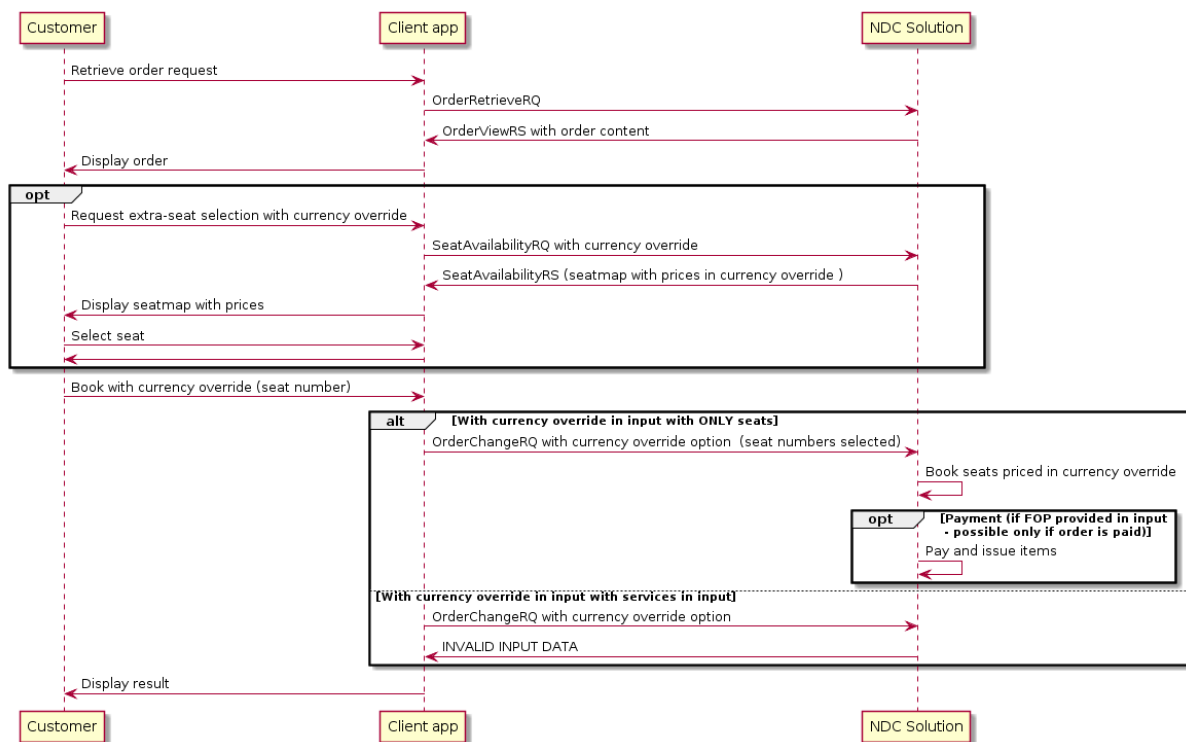
Prerequisites

- The OrderCreate request has been run successfully to book an order.
- The currency override information must be used in input

Limitations

- **Only** seat offerItems must be passed in the request (no other SSRs are allowed).
- Only **one** currency override is allowed per request
- In case of unpaid order, the payment of the seat must be done in another OrderChange with the payment of all the Order items, and the currency must be the same.

Flow



Building a Query: OrderChangeRQ

This section describes the implementation of the input message based on the NDC schema version 18.1.

Point of sale

This part is described in Agency NDC configuration guide.

Party

NDC Message/ Transaction Party(s) information. This part is described in NDC configuration implementation guide.

3DS2

This section contains data to be sent in order to process a Credit Card authorization with 3D Secure 2.x security standard. Those data are the outcome of a 3DS2 authentication, an initial step to be performed externally via a 3DS2 provider (ex. Amadeus Payment Platform).

Whole section has been added to NDC schema version 18.1 via IATA NDC Backport feature known as Secure Payment feature, recently introduced in 19.2, intended to bring 3D-Secure v2.x capabilities to Industry Distribution Standards releases prior to 19.2.

Augmentation Point

In order to leverage the Secure Payment elements and structures within the Backport Schema, implementers are first required to create a consistent baseline of Augmentation Points (Aug Points for short) across the 18.1 messages they intend to use with this feature. For 18.1, this requires particular adjustments for forwards compatibility, since:

- 18.1 messages are not equipped with Aug Points

The requirement for 18.1 implementers looking to leverage Backport Schemas is to inject an Aug Point at the root level of their messages, in line with 18.2 and subsequent releases.

Detailed instructions are provided on [IATA developer website](#), in the Word document part of *Backport_SecurePayment_18.1_v1.0_rc1.zip* file.

Designation	Repetition	Status	Location	Comments
Payment method identifier	0..1	O	OrderCreateRQ/AugmentationPoint/SecurePayment/PaymentProcessingDetails/PaymentInfoID	ID of the payment method to which it refers. In case of one single method of payment, it will have value 1.

Designation	Repetition	Status	Location	Comments
Secure Payment v2 section	0..1	O	OrderCreateRQ/AugmentationPoint/SecurePayment/PaymentProcessingDetails/PaymentMethod/PaymentCard/SecurePaymentVersion2	Section containing 3DSV2 authentication data
CAVV	0..1	O	SecurePaymentVersion2/AuthenticationTokenValue	Cardholder Authentication Verification Value returned by 3DS2 authentication. It should be base64 encoded.
Directory Server Transaction ID	0..1	O	SecurePaymentVersion2/DirectoryServerTrxID	Directory Server Transaction Identifier returned by 3DS2 authentication. It should be base64 encoded.
Electronic Commerce Indicator	0..1	O	SecurePaymentVersion2/ElectronicCommerceInd	Electronic Commerce Indicator (ECI) returned by 3DS2 authentication.
3DS Protocol version	0..1	O	SecurePaymentVersion2/ProgramProtocolText	Indicates the 3DS protocol version number. Ex: 2.1.0
Transaction status	0..1	O	SecurePaymentVersion2/TrxStatusText	Transaction status returned by the 3DS2 authentication, it will be received in the EMVCO format.
Context of interaction	0..1	O	SecurePaymentVersion2/PaymentTrxChannelCode	Indicates the context in which the transaction has been generated. Possible values: EC (Ecommerce), MO (Mail Order, paper mail, fax, email), TO (Telephone Order, IVR), FA (Face to face), NS (Not specified)
Payment type code	0..1	O	OrderCreateRQ/AugmentationPoint/SecurePayment/PaymentProcessingDetails/TypeCode	CC (Credit Card)

Please note that the following namespace has to be added in the message in order to support the

AugmentationPoint: xmlns:BP_SP_181="http://www.iata.org/IATA/2015/00/BP/2018.1/SecurePayment_v1.0"

```

<AugmentationPoint>
  <BP_SP_181:SecurePayment>
    <BP_SP_181:PaymentProcessingDetails>
      <BP_SP_181:PaymentInfoID>1</BP_SP_181:PaymentInfoID>
      <BP_SP_181:PaymentMethod>
        <BP_SP_181:PaymentCard>
          <BP_SP_181:SecurePaymentVersion2>

<BP_SP_181:AuthenticationTokenValue>WTJGeVpHbHVZV3hqYjIxdFpYSmpaV0YxZEdnPQ==</
BP_SP_181:AuthenticationTokenValue>

<BP_SP_181:DirectoryServerTrxID>M2Q1MGY2ZTUtZGY0My00M2M2LWF1YWYtZDY5OTE4NTg0Zj
Rl</BP_SP_181:DirectoryServerTrxID>

<BP_SP_181:ElectronicCommerceInd>05</BP_SP_181:ElectronicCommerceInd>

<BP_SP_181:ProgramProtocolText>2.1.0</BP_SP_181:ProgramProtocolText>
  <BP_SP_181:TrxStatusText>Y</BP_SP_181:TrxStatusText>

<BP_SP_181:PaymentTrxChannelCode>EC</BP_SP_181:PaymentTrxChannelCode>
  </BP_SP_181:SecurePaymentVersion2>
  </BP_SP_181:PaymentCard>
  </BP_SP_181:PaymentMethod>
  <BP_SP_181:TypeCode>CC</BP_SP_181:TypeCode>
  </BP_SP_181:PaymentProcessingDetails>
</BP_SP_181:SecurePayment>
</AugmentationPoint>

```

Booking Reference

Booking reference (PNR) to change. Booking Reference or OrderID can be used to retrieve an existing order. **If both are sent in the request, the booking reference has a higher priority and is used to retrieve the order.** See order section for the OrderID.

Designation	Repetition	Status	Location	Comments
BookingReference element	0..1	O	/Request/BookingRef	Record locator of the original order. Only one element taken into account.
BookingID	1	M	/BookingRef/BookingID	Record locator value
AirlineDesigCode	1	M	/BookingRef/BookingEntity/Carrier/AirlineDesignation	Airline with which the order was created.

Example:

```

<Request>
  <BookingRef>
    <BookingID>2ZGPX5</BookingID>
    <BookingEntity>
      <Carrier>
        <AirlineDesigCode>6X</AirlineDesigCode>
      </Carrier>
    </BookingEntity>
  </BookingRef>
</Request>

```

Action Context Code

The action context code is used to trigger a specific OrderChange mode. Currently, this field is used only in the deferred payment for following use cases:

- CC OB fees re-computation flow, with 2 possible actions
 - Action to update OBFee only: UPDATE_PAYMENT_METHOD
 - Action to update OBFees and pay in the same transaction: UPDATE_PAYMENT_METHOD_AND_PAY
- the itinerary reprice flow (after OrderReshop to reprice the TST), in case of un-ticketed order in Prime Booking.
- In case of deferred payment at exchange time, specific action context codes must be sent to trigger the order update and the order payment.

Designation	Repetition	Status	Location	Comments
Action context code	0..1	0	/OrderChangeRQ/Request/ActionContextCode	Three possible values: <ul style="list-style-type: none"> • UPDATE_PAYMENT_METHOD: to update the total order amount • UPDATE_PAYMENT_METHOD_AND_PAY: to update the total order amount, and trigger payment and issuance. • UPDATE_PRICE: To trigger the itinerary reprice flow. In case the FOP info is

Designation	Repetition	Status	Location	Comments
				<p>present, the order is also paid.</p> <ul style="list-style-type: none"> DEFERRED_PAYMENT_IN_EXCHANGE: In case of exchange flow, it triggers only the order update. SERVICING_PAY_AND_ISSUE: To trigger the payment for an order rebooked (exchange flow) but pending finalisation. It applies also in case of pending revalidation. <p>NB: In case of exchange it is not possible to update_price and pay_issue in 1 orderchange. It should be done in two distinct OrderChange</p>

ChangeOrder

ChangeOrder contains a choice of functions to update and order including update order item, update passengers

UpdatePax

This structure contains the passengers to be sub-divided into a child Order. The passenger and segment IDs used should be taken from the previous message (OrderViewRS).

Designation	Repetition	Status	Location	Comments
UpdatePax	1...n	O	OrderChangeRQ/Request/ChangeOrder/UpdatePax	Structure containing the Passengers to be sub-divided
PaxId	1	M	OrderChangeRQ/Request/ChangeOrder/UpdatePax/New/PaxID	Passenger ID, mandatory for PNR split
Surname	1	M	OrderChangeRQ/Request/ChangeOrder/UpdatePax/New/Individual/Surname	Passenger's surname associated, mandatory for PNR split

Example for a **Passenger to split** in Order Split request:

```

<ChangeOrder>
  <UpdatePax>
    <New>
      <PaxID>PAX1</PaxID>
      <Individual>
        <GivenName>Nameone</GivenName>
        <Surname>surnameone</Surname>
      </Individual>
    </New>
  </UpdatePax>
  <UpdatePax>
    <New>
      <PaxID>PAX2</PaxID>
      <Individual>
        <IndividualID>PAX2</IndividualID>
        <Surname>surnametwo</Surname>
      </Individual>
    </New>
  </UpdatePax>
</ChangeOrder>

```

UpdateOrderItem

The ChangeOrder contains the additional items to be added to the original order. This structure contains the offer items to be booked. It can be services offer items coming from ServiceListRS, flight offers coming from OrderReshopRS, or seats from SeatAvailabilityRS.

The passenger and segment IDs used should be taken from the previous message (OfferPriceRS, OrderViewRS, ServiceListRS).

Designation	Repetition	Status	Location	Comments
UpdateOrderItem	1	M	/OrderChangeRQ/Request/ChangeOrder/UpdateOrderItem	Structure containing the items to be created and deleted

AcceptOffer

Designation	Repetition	Status	Location	Comments
AcceptOffer	1	M	/OrderChangeRQ/Request/ChangeOrder/UpdateOrderItem/AcceptOffer	Structure containing the items to be created

SelectedOffer

This structure should be used to book elements from offer items.

Designation	Repetition	Status	Location	Comments
SelectedOffer	1	M	UpdateOrderItem/Accept Offer/SelectedOffer	
OfferID	1	M	SelectedOffer/OfferID	
OwnerCode	1	M	SelectedOffer/OwnerCode	
ShoppingResponseRefID	1	M	SelectedOffer/ShoppingResponseRefID	Mandatory as per the grammar but no check done by Altea NDC. Any dummy value is accepted
SelectedOfferItem	1..N	M	SelectedOffer/SelectedOfferItem	List of offer items to be booked
OfferItemRefID	1	M	SelectedOffer/SelectedOfferItem/OfferItemRefID	
PaxRefID	1..N	M	SelectedOffer/SelectedOfferItem/PaxRefID	Passenger reference. In the current implementation, only one can be provided.
Freetext for service booking				
getServiceDefinitionID	0..1	O	SelectedOffer/SelectedOfferItem/SelectedBundleServices/getServiceDefinitionID	Should be filled only if a freetext should be provided to book the offer item. A ServiceDefinition in DataLists/ServiceDefinitionList should be provided with it.
Seat information				
SeatRowNumber	0..1	O	SelectedOffer/SelectedOfferItem/SelectedSeat/SeatRowNumber	Should be filled only if a seat is in the offer item to be booked.
ColumnID	0..1	O	SelectedOffer/SelectedOfferItem/SelectedSeat/ColumnID	Should be filled only if a seat is in the offer item to be booked.

Example for a **service** in an offer item:

```

<UpdateOrderItem>
  <AcceptOffer>
    <SelectedOffer>
      <OfferID>SULL-17364251535205768699-22</OfferID>
      <OwnerCode>6X</OwnerCode>
      <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
      <SelectedOfferItem>
        <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
        <PaxRefID>PAX1</PaxRefID>
      </SelectedOfferItem>
    </SelectedOffer>
  </AcceptOffer>
</UpdateOrderItem>

```

Example for a **flight exchange** in an offer item:

```

<UpdateOrderItem>
  <AcceptOffer>
    <SelectedOffer>
      <OfferID>SULL-17364251535205768699-22</OfferID>
      <OwnerCode>6X</OwnerCode>
      <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
      <SelectedOfferItem>
        <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
        <PaxRefID>PAX1</PaxRefID>
      </SelectedOfferItem>
    </SelectedOffer>
  </AcceptOffer>
</UpdateOrderItem>

```

Example for a **service** in an offer item with a freetext:

```

<UpdateOrderItem>
  <AcceptOffer>
    <SelectedOffer>
      <OfferID>SULL-17364251535205768699-22</OfferID>
      <OwnerCode>6X</OwnerCode>
      <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
      <SelectedOfferItem>
        <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
        <PaxRefID>PAX1</PaxRefID>
        <SelectedBundleServices>
          <SelectedServiceRefID>SERV1</SelectedServiceRefID>
        </SelectedBundleServices>
      </SelectedOfferItem>
    </SelectedOffer>
  </AcceptOffer>
</UpdateOrderItem>

```

Example for a **seat** in an offer item:

```

<UpdateOrderItem>
  <AcceptOffer>
    <SelectedOffer>
      <OfferID>SULL-17364251535205768699-22</OfferID>
      <OwnerCode>6X</OwnerCode>
      <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
      <SelectedOfferItem>
        <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
        <PaxRefID>PAX1</PaxRefID>
        <SelectedSeat>
          <SeatRowNumber>15</SeatRowNumber>
          <ColumnID>A</ColumnID>
        </SelectedSeat>
      </SelectedOfferItem>
    </SelectedOffer>
  </AcceptOffer>
</UpdateOrderItem>

```

Offer items from only one offer can be booked in the same request.

In case there are only element not in offer items to be booked, this structure should be created empty to be grammar compliant, and the following CreateOrderItem structure should be filled.

Example of empty SelectedOffer:


```

<SelectedOffer>
  <OfferID></OfferID>
  <OwnerCode>6X</OwnerCode>
  <ShoppingResponseRefID></ShoppingResponseRefID>
  <SelectedOfferItem>
    <OfferItemRefID></OfferItemRefID>
    <PaxRefID></PaxRefID>
  </SelectedOfferItem>
</SelectedOffer>

```

CreateOrderItem

This structure should be used to book elements not in offer items: for example a seat request taken directly from SeatAvailabilityRS.

Designation	Repetition	Status	Location	Comments
CreateOrderItem	1	O	UpdateOrderItem/AcceptOffer/CreateOrderItem	
OfferItemID	1	M	/CreateOrderItem/OrderItem/OfferItemID	Mandatory item ID, not read by the process as not relevant in this flow.
Column	1	M	/CreateOrderItem/OrderItem/OfferItemType/SeatItem/Location/Column	Seat column
Number	1	M	/CreateOrderItem/OrderItem/OfferItemType/SeatItem/Location/Row/Number	Seat row number
PassengerReferences	1	M	/CreateOrderItem/OrderItem/OfferItemType/SeatItem/Location/Associations/Passengers/PassengerReferences	Passenger reference. Only one reference accepted.
SegmentReferences	1..n	M	/CreateOrderItem/OrderItem/OfferItemType/SeatItem/Location/Associations/Flight/SegmentReferences	Segments references.

Example for a **seat not in** an offer item:

```

<CreateOrderItem>
  <OrderItem>
    <OfferItemID Owner="6X">SEAT1</OfferItemID>
    <OfferItemType>
      <SeatItem>
        <Location>
          <Column>A</Column>
          <Row>
            <Number>15</Number>
          </Row>
          <Associations>
            <Passengers>
              <PassengerReferences>PAX1</PassengerReferences>
            </Passengers>
            <Flight>
              <SegmentReferences>SEG1</SegmentReferences>
            </Flight>
          </Associations>
        </Location>
      </SeatItem>
    </OfferItemType>
  </OrderItem>
</CreateOrderItem>

```

DataLists

InstructionsList

Designation	Repetition	Status	Location	Comments
			InstructionsList/Instruction	
Passenger association	1..n	O	/Instruction[@refs]	
Instruction Key	1..n	M	/Instruction[@ListKey]	"FE" To append Free text in Fare Endorsement Element
Special Need Order Booking Method	1	M	InstructionsList/Instruction/FreeFormTextInstruction	
Instruction Text	1	O	/FreeFormTextInstruction/Remark	
				Associated passenger id(s), split with a space

Example:

```
<InstructionsList>
  <Instruction ListKey="FE" refs="PAX1">
    <FreeFormTextInstruction>
      <Remark>TEXT TO ADD</Remark>
    </FreeFormTextInstruction>
  </Instruction>
</InstructionsList>
```

ServiceDefinitions

Services definition details. **This element is only mandatory if a freetext has to be provided to book a service.**

This information is returned in ServiceList response in ServiceDefinition node. The BookingInstructions node is used to specify the format of the free text to be sent to book the service.

Designation	Repetition	Status	Location	Comments
ServiceDefinition	0..n	O	OrderChangeRQ/Request/Datalists/ServiceDefinitionList/ServiceDefinition	
ServiceDefinitionID	1	M	/ServiceDefinition/ServiceDefinitionID	Should be the ID referenced in the AddOfferItem.
Name	1	M	/ServiceDefinition/Name	Mandatory in schema, not processed by the system.
Description	1..N	M	Mandatory in schema, not processed by the system.	
Text	1	O	/ServiceDefinition/BookingInstructions/Text	Freetext for service booking

Example:

```

<DataLists>
  <ServiceDefinitionList>
    <ServiceDefinition>
      <ServiceDefinitionID>SERV1</ServiceDefinitionID>
      <Name>PET</Name>
      <Description>
        <DescID>PET</DescID>
      </Description>
      <BookingInstructions>
        <Text>DOG</Text>
      </BookingInstructions>
    </ServiceDefinition>
  </ServiceDefinitionList>
</DataLists>

```

Passengers

Passengers information details. This element is used for fiscal information. FS element will be created (or overridden) with this information.

Designation	Repetition	Status	Location	Comments
Passenger Element	1..N	O	OrderCreateRQ/Request/DataLists/PaxList/Pax	One pax element per passenger
Passenger ID	1	M	Pax/PaxID	ID of the passenger, key that can be referenced in the whole message. It must be the same as the one used in OfferPrice.
Passenger identity document	1	O	Pax/IdentityDoc	
Type of passenger document	1	M	IdentityDoc/IdentityDocTypeCode	The type for fiscal information (CUIT, CUIL, etc), The list for fiscal information should be provided by the airline and a FS element will be created with this information.
Document ID value	1	M	IdentityDoc/IdentityDocID	Example: NY122345,

Example:

```

<DataLists>
  <PaxList>
    <Pax>
      <PaxID>PAX1</PaxID>
      <IdentityDoc>
        <IdentityDocID>123456789</IdentityDocID>
        <IdentityDocTypeCode>CUIT</IdentityDocTypeCode>
      </IdentityDoc>
    </Pax>
  </PaxList>
</DataLists>

```

Order

Existing order reference. The OrderID is used to retrieve the order, if no booking reference is provided

Designation	Repetition	Status	Location	Comments
OrderID	1	M	OrderChangeRQ/Request/Order/OrderID	
OwnerCode	1	M	OrderChangeRQ/Request/Order/OwnerCode	

Example:

```

<Order>
  <OrderID>6X_1346EA</OrderID>
  <OwnerCode>6X</OwnerCode>
</Order>

```

OrderChangeParameters

Option 1: To be sent along the payment information

In case a redirection can be expected at payment step, for authentication or payment on a third party, this data structure should be provided. For 3DS, it will be included in the PAREQ and also provided in the response as is, to be sent to the ACS in the redirection parameters.

Designation	Repetition	Status	Location	Comments
OrderChangeParameters	1	O	OrderChangeRQ/Request/OrderChangeParameters	
TermURL	1	M	/OrderChangeParameters/Alerts/Alert/SecurePaymentAlert/URLs/TermURL	The URL to which the user will be directed at the conclusion of 3D secure authentication. It should be the merchant URL. Example: http://www.mysite.com/confirm
TxnDate	1	O	/OrderChangeParameters/Alerts/Alert/SecurePaymentAlert/Details/TxnDat	3D secure merchant data. It is used to convey information the using application wants to keep between the redirection steps. It will be provided by the ACS as a post parameter when it will call the Term URL after the 3DS authentication. It should be base64 encoded.

Note: Any other information entered in the OrderChangeParameters element will be ignored.

Example:

```

<OrderChangeParameters>
  <Alerts>
    <Alert>
      <SecurePaymentAlert>
        <URLs>
          <TermURL>http://www.mysite.com/confirm</TermURL>
        </URLs>
        <Details>
          <TxnDat
```

Option 2: To be sent for 3DS authentication validation and order confirmation

When a redirection can be expected at payment step this structure should be used in the subsequent OrderChangeRQ message to include the results.

For 3DS, a PARES from the authentication server should be provided in the request.

Designation	Repetition	Status	Location	Comments
OrderChangeParameters	1	O	OrderChangeRQ/Request/OrderChangeParameters	
PARes	1	M	/OrderChangeParameters/Alerts/Alert/SecurePaymentAlert/PayerAuth/PARes	Payer authentication response from the Access Control Server

Note: Any other information entered in the OrderChangeParameters element will be ignored.

Example:

<OrderChangeParameters>

<Alerts>

<Alert>

<SecurePaymentAlert>

<PayerAuth>

<PARES>eJzdWfMtm0gSfvevcPQ8KmwuocNba6K4DxWHBBLwhgABEpcAiePXL2rZ3Tlee8Ozssxus4o
 gVHxkZWVWZn4kRf3eZenHW1jVSZE/P2Gf0aePYe4XQZJHz0+Wyx9aPP2++kCZcRWG7Db0r1W4omBY1
 14UfkyC5ycdbMLLJ531YM9vIF4snlbUHatfnm4VWgwMuSw8x+jmqX3dzbhR4OuCq3G9zziFfLsdFVd
 +7OXNivL8Cy2pqym0YeicQr7eU1lYsEWk4kpOZsvlhTyACjkbaZ+vY/q0cwuCVb2rB7aQAoXQrbIO
 yVomoOSDwBXWemZQu4SVOA14QpHsQUy69GP6PwLhn4hR9UvOFXe1YGsuI668SmOLyjkPUSNO1KNO9a
 v1vPx0esdFXZlkyf3SRTyOqaQN+tKL1+hf/yNoneUMu0V1STZd1ZhX1CUQ15wqm6851qvHar5OqJ87
 3ZbQRa0P71Gb19EqNBPVig5GjX+v8wCaVRUSRNnK+wh8wZQyN0U5CWeK2qbRPM4WBV+HJMmr5+f4qY
 pvyBI27afW+JzUUUIPnqBoEtKFAjqJPrT6TErDKT8WPypaYyXF3nie2kyeM2YHDBs4iL4+Grbj9SYm
 7smDN1wzKdR1Scfm+af7ghKYQOT8s6DX9H2vVFV7X2qYw+7K9qEx/Ae6PCjtZGen377SZ6zSRTWzb+
 z2LeFHhp2XnoNV9aMvBSmarvznFcj3YsYC+3weS8vOfye0kKeTVwHL9F4N0OPAQx3LcYghdmsvWnx
 SRKhG3AyPhwi+ypfj0Zx7JATW/W1wRR6R4PzSUSz0nVMiqHHLuw+bBrUzInYOAE57TEJQxWhrv7l
 ZrbWr0DUUniHDR6JuZU8BUCNfxUZ3HqsmGtErqisziH0J3IOOgshBs33bXXsbMXQBbexOgS8m6HYeWD
 q0iZeSEQ58frrwzn1LC/uGXTaJL1mu8x4GjQyY5jtkzVjCUJDYzGQA0SgRaiQaRJAODnxyzy1mX2RA
 CVGC2F2ErHQjW4GjasACUBBUadcsYDrSdIFrZugTSA06Xrv9s4Wax37/E4nNGmejKOT66QBxHR0vsT
 nRFi2KM0Y3J4Xx2ej7oOwSQ3hdZ2rgy8bSE9t1uTGuud6aI4X6wzarhgx6Y512hvWRg7amQOQH2s6J
 ji723e+S1wrteqJUyGoX3yn08iZWXpyTc6AYPrYjxiKxh6LXWGH+QPnQ7p44B00Rwxf2/L5sMVQD7c
 aN5fjft3i16tOMOq0BJ6EJ+4EGe59PGSwcSx/fDbqqccLON/W6cnTAUFbyF20rOHI SuFK8c1XwUsMA
 Tv6dY+jDAqBBppiE4KObkKR7u1w3x9UIAMx9rHTROvc89XahHDuBdMwDLA19M3S44CR6qWViUPnb7v
 FkpahantoChUOAZFemsQx FurTPqH5DL+gncz0Bnah3dt50mtKf0YThoXmZYCXkFMS18ElzEFD955x
 3SWlpDMYbof/KFuZ01WkChMKzv3JHatgwjSAAin6Dhto+PXOGxQkwZSC1hQ01EaxeeIjm8xAwyUEzs
 nMAk6PaSqaTK0607J1M941N0bkYHv+kBIM2+vxofgJd10bTDsdL8LLV48aVB7gO+JTYNqcuF4c1G
 trjvkX3fBC3kIvcaNzjfrW54TlyjDFfuF/J17+aG6/zx9wQ771hZctbwP7Z/MAZxmC7Y05eSrY3CBO
 o7+sIGBYP7uVqAFPQCGXGPYuOkzcjWWzaeDhxYVA08n6XOFBEudSiYcbB8SX3cLtNcKqDzmtXHmon
 NvTzi4qLxHoG13zazrFE6j2ehVOeyafspo+qU0C2yW3uK0FTJDALjUuSrVQJrPgPL7piPlJJrdtArk
 mr1Ejo2vZ8Du8L9AhjTH6cCwHbVqWU9k2uuh5JMLvWe5HtMfKp5H2ovBHtBf8hPboX6G9v0pxb/NHi
 sPgc0/k24Ew/gM0x3WQ/57mXrD/LZoz/0s0J99m0Xbsmf21R4e+E990dLaL/Kz1mY3KFPnc0vMuC3D
 VKf3G612aJmf23HYuBFTdU1gN6HQqKRyY7pBA1Q9XDcpNtZRKR6wmljaNQdBgCqglZSmtT1tBF5WZ0
 YgqelgD5Wx6JomeLMI9pih2uy2vmWiY4SI5sCSzMO3I2YWIocv8bm0byu0bzd1zAYL2v7j8B1xo8BCN
 +/Cdf+YevHDggS83dDLt0uVRKiwsDVDh6PHNZVLabtKnap6SoXafRemAHWG+jAzrAAdBWUyLqrLW36
 zBV9MHXdYXARoY/GaS8nr4HBs6cVJmZ6LQI5WfFKcQ2Wzn100jQ4iR10GLas4h+c1DbyaGrC/TJTB
 3okmWH3P9sJvHe1Y79kJOYvIimedlmqLTXyxT9sCOZdrsf1Sm/v9hmXaqCXrtj2X6DfubvV1+tfSAP
 plmjZQeDkC6GW7f1IzqXUZJ3W+GPM8YR2DX2/ySin4Vart0fbxtueQAwG0Wn7XNIJaV4RKDhS4UPiG
 AlAHZWuAw1LhY5np3MVvrEMzNmZrfZmrGHsVdNiGzHhHlaOENiLpUEQD3VeHMAffq/NRpxay9+qfrj
 DnFGztUnJkaNIGxifnX7iM8t1Ho/LFjUGEyWDdNLbelt8YWe63o5PnkIh8np9FX/LVj8MbOxboxCfyV
 fOIJYSg13d8v1KDqDhU10vIuxOKtty4Jv3ZnVgpajkeFnHQYzYc/xWtXFnr7WmisGcnXLoiy/DFnni
 Qk/cjPrgXRqx71FXBeFuFQYYj6JwdIOFo2JYCE3U0xjv971ZVRxmIpBtqPIBDRbR6tZ3q6JPFY7vO
 mEoyCx5S75g2PaPpc59GjMMM38YyB1hLHFio1LY+MuG0n+ZBbQruxizHa7vXoxWKqXOfDzsm500bc
 3n97nr7Ins5hHk5F7ofG7w/L/rwD4V/Aiw</PARES>

</PayerAuth>

</SecurePaymentAlert>

</Alert>

</Alerts>

</OrderChangeParameters>

Option 3 : To be sent for Order Split

In case an Order Split is expected this data structure should be provided.

Designation	Repetition	Status	Location	Comments
OrderChangeParameters	1	O	OrderChangeRQ/Request/OrderChangeParameters	
Reason	1	M	OrderChangeRQ/Request/OrderChangeParameters/Reason	For PNR split : Reason should be populated with DIV option

Example:

```
<OrderChangeParameters>
  <Reason>DIV</Reason>
</OrderChangeParameters>
```

Payments

Forms of payment are listed in the PaymentInfo element. Only one form of payment is accepted per request.

Designation	Repetition	Status	Location	Comments
PaymentInfo	0..N	O	OrderChangeRQ/Request/PaymentInfo	
Amount	1	M	/PaymentInfo/Amount	The amount for this FOP. Mandatory for the processing. The "CurCode" attribute is used to give the currency
TypeCode	1	M	/PaymentInfo/TypeCode	Payment code (CC, CA, etc).
Credit card details				
PaymentCard	1	O	/PaymentInfo/PaymentMethod/PaymentCard	Payment Card Method
CardNumber	1	M	/PaymentInfo/PaymentMethod/PaymentCard/CardNumber	Credit card number

Designation	Repetition	Status	Location	Comments
SeriesCode	1	M	/PaymentInfo/PaymentMethod/PaymentCard/SeriesCode	Verification digits (ex: 123)
ApprovalCode	1	O	/Payment/PaymentCard/ApprovalCode	Credit card external approval code. Should be allowed via configuration.
CreditCardVendorCode	1	M	/Payment/PaymentMethod/PaymentCard/CreditCardVendorCode	This is the type of the payment card (CA, VI...).
ExpirationDate	1	M	/Payment/PaymentMethod/PaymentCard/ExpirationDate	Credit card expiry date
Credit card holder contact				
CardholderContactInfo	1	O	/PaymentInfo/PaymentMethod/PaymentCard/CardholderContactInfo	
StreetText	0..2	O	/CardholderContactInfo/StreetText	Street name and number
PostalCode	0..1	O	/CardholderContactInfo/PostalCode	
CityName	0..1	O	/CardholderContactInfo/CityName	
CountrySubDivisionName	1	O	CardholderContactInfo/CountrySubDivisionName	Example: New York
CountryCode	0..1	O	/CardholderContactInfo/CountryCode	ISO country code. Example: US, FR.
Surname	0..1	O	/CardholderContactInfo/Surname	EX SMITH
Cash				
Cash	0..1	O	/PaymentInfo/PaymentMethod/Cash	Used to indicate payment in cash.
CashInd	1	M	/PaymentInfo/PaymentMethod/Cash/CashInd	Must be set to "true".
Other (freetext methods of payment)				
OtherPaymentMethod	0..1	O	/PaymentInfo/PaymentMethod/OtherPaymentMethod	Used for freetext methods of payment. The Fopcode is taken from the TypeCode tag.

Designation	Repetition	Status	Location	Comments
RemarkText	0..1	O	/PaymentInfo/PaymentMethod/OtherPaymentMethod/Remark/RemarkText	Freetext value for the freetext method of payment.

Note: Any other Payment information entered in the query will be ignored.

CC Example:

```

<PaymentInfo>
  <Amount CurCode="EUR">100.00</Amount>
  <TypeCode>CC</TypeCode>
  <PaymentMethod>
    <PaymentCard>
      <CardNumber>4012999999999999</CardNumber>
      <SeriesCode>123</SeriesCode>
      <CreditCardVendorCode>VI</CreditCardVendorCode>
      <ExpirationDate>1020</ExpirationDate>
      <CardholderContactInfo>
        <StreetText>Empire State Building</StreetText>
        <StreetText>350 FIFTH AVENUE</StreetText>
        <PostalCode>NY 10001</PostalCode>
        <CityName>New York City</CityName>
        <CountrySubDivisionName>New
York</CountrySubDivisionName>
        <CountryCode>US</CountryCode>
      </CardholderContactInfo>
    </PaymentCard>
  </PaymentMethod>
</PaymentInfo>

```

Cash Example:

```

<PaymentInfo>
  <Amount CurCode="EUR">100.00</Amount>
  <TypeCode>CA</TypeCode>
  <PaymentMethod>
    <Cash>
      <CashInd>>true</CashInd>
    </Cash>
  </PaymentMethod>
</PaymentInfo>

```

Other Example:

```

<PaymentInfo>
  <Amount CurCode="EUR">100.00</Amount>
  <TypeCode>EXT</TypeCode>
  <PaymentMethod>
    <OtherPaymentMethod>
      <Remark>
        <RemarkText>123465789</RemarkText>
      </Remark>
    </OtherPaymentMethod>
  </PaymentMethod>
</PaymentInfo>

```

Metadata

CurrencyMetadata

CurrencyMetadata definition details. This element triggers the booking of seats in currency override in a post-booking flow (after itinerary payment).

For Air Items, and Services this field should not be used, as the currency is stored at pricing.

Designation	Repetition	Status	Location	Comments
CurrencyMetadata	1	O	/Request/Metadata/Other/OtherMetadata/CurrencyMetadatas/	
Name	1	M	/Request/Metadata/Other/OtherMetadata/CurrencyMetadatas/CurrencyMetadata/Name	The currency code
@refs	1	M	Request/Metadata/Other/OtherMetadata/CurrencyMetadatas/CurrencyMetadata/@refs	The concatenation of seat offerIds

```

<Metadata>
  <Other>
    <OtherMetadata>
      <CurrencyMetadatas>
        <CurrencyMetadata MetadataKey="MD1" refs="PRICE1-SEG1
PRICE1-SEG2">
          <Name>USD</Name>
        </CurrencyMetadata>
      </CurrencyMetadatas>
    </OtherMetadata>
  </Other>
</Metadata>

```

Receiving a Reply: OrderViewRS

An OrderViewRS message is sent in response to the OrderChangeRQ.

Please refer to the [OrderRetrieve 18.1 Implementation guide](#) for the implementation of this message.

Troubleshooting

Please refer to Troubleshooting chapter in OrderCreate Implementation guide: [OrderCreate 18.1 Implementation guide](#).

376 TST EXPIRED - OVERRIDE OR DELETE AND REPRICE - in case of deferred payment and TST has expired.

Detailed Use Cases

Use case 1: Book an extra seat for one of the passengers in the order

Use Case Description

OrderChange is sent to add an extra seat to a passenger in the order. The order is referenced using its ID. Payment for the extra seat is performed using a visa credit card.

Preconditions

- An order has been created successfully with OrderCreate

- An OrderRetrieve has been run successfully on the order.
- A SeatAvailability has been run successfully to select a seat for the flight.

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID/>
            <OwnerCode>6X</OwnerCode>
            <ShoppingResponseRefID/>
            <SelectedOfferItem>
              <OfferItemRefID/>
              <PaxRefID/>
            </SelectedOfferItem>
          </SelectedOffer>
          <CreateOrderItem>
            <OrderItem>
              <OfferItemID Owner="6X">SEAT1</OfferItemID>
              <OfferItemType>
                <SeatItem>
                  <Location>
                    <Column>A</Column>
                    <Row>
                      <Number>15</Number>
                    </Row>
                    <Associations>
                      <Passengers>
<PassengerReferences>PAX1</PassengerReferences>
                        </Passengers>
                      <Flight>
<SegmentReferences>SEG1</SegmentReferences>
                        </Flight>
                      </Associations>
                    </Location>
                  </SeatItem>
                </OfferItemType>
              </OrderItem>
            </CreateOrderItem>
          </AcceptOffer>
        </UpdateOrderItem>
      </ChangeOrder>
    </Order>
    <OrderID>6X_123AA16</OrderID>
    <OwnerCode>6X</OwnerCode>
  </Order>

```

```

<PaymentInfo>
  <Amount CurCode="EUR">100.00</Amount>
  <TypeCode>CC</TypeCode>
  <PaymentMethod>
    <PaymentCard>
      <CardNumber>401299999999999</CardNumber>
      <SeriesCode>123</SeriesCode>
      <CreditCardVendorCode>VI</CreditCardVendorCode>
      <ExpirationDate>1020</ExpirationDate>
      <CardholderContactInfo>
        <Individual>
          <Surname>Smith</Surname>
        </Individual>
        <PostalAddress>
          <StreetText>820 1st Avenue</StreetText>
          <StreetText>Bis</StreetText>
          <PostalCode>4589613</PostalCode>
          <CityName>New York City</CityName>
        </PostalAddress>
      </CardholderContactInfo>
      <CountrySubDivisionName>New York</CountrySubDivisionName>
      <CountryCode>US</CountryCode>
    </PaymentCard>
  </PaymentMethod>
</PaymentInfo>
</Request>
</OrderChangeRQ>

```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#)

Use case 2: Book extra services from offer items

Use Case Description

OrderChange is sent to book extra services for two passengers in the order. The order is referenced using its booking reference (record locator). Payment for the extra services is performed using a visa credit card.

Preconditions

- An order has been created successfully with OrderCreate
- An OrderRetrieve has been run successfully on the order.
- A ServiceListRQ has been run to select services from the catalogue

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <BookingRef>
      <BookingID>123AA16</BookingID>
      <BookingEntity>6X</BookingEntity>
    </BookingRef>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SULL-17364251535205768699-22</OfferID>
            <OwnerCode>6X</OwnerCode>
            <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
              <PaxRefID>PAX1</PaxRefID>
            </SelectedOfferItem>
            <SelectedOfferItem>
              <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
              <PaxRefID>PAX2</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
        </AcceptOffer>
      </UpdateOrderItem>
    </ChangeOrder>
  </Request>
  <Order>
    <OrderID>6X_123AA16</OrderID>
    <OwnerCode>6X</OwnerCode>
  </Order>
  <PaymentInfo>
    <Amount CurCode="EUR">100.00</Amount>
    <TypeCode>CC</TypeCode>
    <PaymentMethod>
      <PaymentCard>
        <CardNumber>4012999999999999</CardNumber>
        <SeriesCode>123</SeriesCode>
        <CreditCardVendorCode>VI</CreditCardVendorCode>
        <ExpirationDate>1020</ExpirationDate>
        <CardholderContactInfo>
          <Individual>
            <Surname>Smith</Surname>
          </Individual>
          <PostalAddress>

```

```

        <StreetText>820 1st Avenue</StreetText>
        <StreetText>Bis</StreetText>
        <PostalCode>4589613</PostalCode>
        <CityName>New York City</CityName>

    <CountrySubDivisionName>New York<CountrySubDivisionName>
        <CountryCode>US</CountryCode>
        </PostalAddress>
    </CardholderContactInfo>
</PaymentCard>
</PaymentMethod>
</PaymentInfo>
</Request>
</OrderChangeRQ>

```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#).

Use case 3: Book extra service from offer item and extra seat (not in offer item)

Use Case Description

OrderChange is sent to book an extra service from the catalogue (ServiceListRS), and a seat taken from SeatAvailabilityRS. The order is referenced using its ID. Payment for the extra seat is performed using cash method of payment.

Preconditions

- An order has been created successfully with OrderCreate.
- An OrderRetrieve has been run successfully on the order.
- A ServiceListRQ has been run to select a service from the catalogue.
- A SeatAvailabilityRQ has been run to select a seat.

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SULL-17364251535205768699-22</OfferID>
            <OwnerCode>6X</OwnerCode>
            <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
              <PaxRefID>PAX1</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
          <CreateOrderItem>
            <OrderItem>
              <OfferItemID Owner="6X">SEAT1</OfferItemID>
              <OfferItemType>
                <SeatItem>
                  <Location>
                    <Column>A</Column>
                    <Row>
                      <Number>15</Number>
                    </Row>
                    <Associations>
                      <Passengers>
<PassengerReferences>PAX2</PassengerReferences>
                        </Passengers>
                      <Flight>
<SegmentReferences>SEG1</SegmentReferences>
                        </Flight>
                      </Associations>
                    </Location>
                  </SeatItem>
                </OfferItemType>
              </OrderItem>
            </CreateOrderItem>
          </AcceptOffer>
        </UpdateOrderItem>
      </ChangeOrder>
    </Order>
    <OrderID>6X_123AA16</OrderID>
  </Request>
</OrderChangeRQ>

```

```

    <OwnerCode>6X</OwnerCode>
  </Order>
  <PaymentInfo>
    <Amount CurCode="EUR">100.00</Amount>
    <TypeCode>CC</TypeCode>
    <PaymentMethod>
      <PaymentCard>
        <CardNumber>4012999999999999</CardNumber>
        <SeriesCode>123</SeriesCode>
        <CreditCardVendorCode>VI</CreditCardVendorCode>
        <ExpirationDate>1020</ExpirationDate>
        <CardholderContactInfo>
          <Individual>
            <Surname>Smith</Surname>
          </Individual>
          <PostalAddress>
            <StreetText>820 1st Avenue</StreetText>
            <StreetText>Bis</StreetText>
            <PostalCode>4589613</PostalCode>
            <CityName>New York City</CityName>
          </PostalAddress>
        </CardholderContactInfo>
      </PaymentCard>
    </PaymentMethod>
  </PaymentInfo>
</Request>
</OrderChangeRQ>

```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#)

Use case 4: Book extra services from offer items, 3DS requested for payment

Use Case Description

OrderChange is sent to book extra services for two passengers in the order. The order is referenced using its booking reference (record locator). Payment for the extra seat is performed using a visa credit card. A redirection to authentication the payer using 3D secure is requested in response.

Preconditions

- An order has been created successfully with OrderCreate
- An OrderRetrieve has been run successfully on the order.

- A ServiceListRQ has been run to select services from the catalogue

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <BookingRef>
      <BookingID>123AA16</BookingID>
      <BookingEntity>6X</BookingEntity>
    </BookingRef>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SULL-17364251535205768699-22</OfferID>
            <OwnerCode>6X</OwnerCode>
            <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
              <PaxRefID>PAX1</PaxRefID>
            </SelectedOfferItem>
            <SelectedOfferItem>
              <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
              <PaxRefID>PAX2</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
        </AcceptOffer>
      </UpdateOrderItem>
    </ChangeOrder>
  </Order>
  <OrderChangeParameters>
    <Alerts>
      <Alert>
        <SecurePaymentAlert>
          <URLs>
            <TermURL>http://www.mysite.com/confirm</TermURL>
          </URLs>
          <Details>
            <TxnDatass>
              <TxnDate>ZGF0YT10b3Rv</TxnDate>
            </TxnDatass>
          </Details>
        </SecurePaymentAlert>
      </Alert>
    </Alerts>
  </OrderChangeParameters>
</OrderChangeRQ>

```



```

        </Alerts>
    </OrderChangeParameters>
    <PaymentInfo>
        <Amount CurCode="EUR">100.00</Amount>
        <TypeCode>CC</TypeCode>
        <PaymentMethod>
            <PaymentCard>
                <CardNumber>4012999999999999</CardNumber>
                <SeriesCode>123</SeriesCode>
                <CreditCardVendorCode>VI</CreditCardVendorCode>
                <ExpirationDate>1020</ExpirationDate>
                <CardholderContactInfo>
                    <Individual>
                        <Surname>Smith</Surname>
                    </Individual>
                    <PostalAddress>
                        <StreetText>820 1st Avenue</StreetText>
                        <StreetText>Bis</StreetText>
                        <PostalCode>4589613</PostalCode>
                        <CityName>New York City</CityName>
                    </PostalAddress>
                </CardholderContactInfo>
            </PaymentCard>
        </PaymentMethod>
    </PaymentInfo>
</Request>
</OrderChangeRQ>

```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#).

Use case 5: Confirm a pending order

Use Case Description

OrderChange is sent to confirm a pending order that has been made with an OrderCreate without payment information. The order is referenced using its order ID. Payment is performed using a visa credit card. The credit card is not enrolled for 3DS.

Preconditions

- An order has been created successfully with OrderCreate, without payment information

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <Order>
      <OrderID>6X_123AA16</OrderID>
      <OwnerCode>6X</OwnerCode>
    </Order>
    <OrderChangeParameters>
      <Alerts>
        <Alert>
          <SecurePaymentAlert>
            <URLs>
              <TermURL>http://www.mysite.com/confirm</TermURL>
            </URLs>
            <Details>
              <TxnDatass>
                <TxnDate>ZGF0YT10b3Rv</TxnDate>
              </TxnDatass>
            </Details>
          </SecurePaymentAlert>
        </Alert>
      </Alerts>
    </OrderChangeParameters>
    <PaymentInfo>
      <Amount CurCode="EUR">100.00</Amount>
      <TypeCode>CC</TypeCode>
      <PaymentMethod>
        <PaymentCard>
          <CardNumber>4012999999999999</CardNumber>
          <SeriesCode>123</SeriesCode>
          <CreditCardVendorCode>VI</CreditCardVendorCode>
          <ExpirationDate>1020</ExpirationDate>
          <CardholderContactInfo>
            <Individual>
              <Surname>Smith</Surname>
            </Individual>
            <PostalAddress>
              <StreetText>820 1st Avenue</StreetText>
              <StreetText>Bis</StreetText>
              <PostalCode>4589613</PostalCode>
              <CityName>New York City</CityName>
            </PostalAddress>
          </CardholderContactInfo>
          <CountrySubDivisionName>New York</CountrySubDivisionName>
          <CountryCode>US</CountryCode>
        </PaymentCard>
      </PaymentMethod>
    </PaymentInfo>
  </Request>
</OrderChangeRQ>

```

```
        </PaymentMethod>  
      </PaymentInfo>  
    </Request>  
  </OrderChangeRQ>
```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#).

Use case 6: Validate a 3DS authentication and confirm the order

Use Case Description

OrderChange is sent to confirm a 3DS authentication and confirm the order. A Pares is sent in the query to convey the payer authentication result. The order is referenced using its order ID.

Preconditions

- An order has been initiated via OrderCreateRQ or OrderChangeRQ, with credit card information.
- The credit card is enrolled for 3DS.
- The 3DS authentication has been performed (successfully or not) on the Access Control Server

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <Order>
      <OrderID>6X_PENDING_PAYMENT_CONFIRMATION</OrderID>
      <OwnerCode>6X</OwnerCode>
    </Order>
    <OrderChangeParameters>
      <Alerts>
        <Alert>
          <SecurePaymentAlert>
            <PayerAuth>
<PAREs>eJzdWfMtm0gSfvevcPQ8KmwuocNBa6K4DxWHBBLwhgABEpcAiePXL2rZ3Tlee8Ozxsuxs4o
gVHxkZWVWZn4kRf3eZenHWljVSZE/P2Gf0aePYe4XQZJHz0+Wyx9aPP2++kCZcRWG7Db0r1W4omBYl
14UfkyC5ycdbMLLJ531YM9vIF4snlbUHatfnm4VWgwMuSw8x+jmqX3dzbhR4OuCq3G9zziFfLsdFVd
+7OXNivL8Cy2pqym0YeicQr7eU1lYSewKw4kpOZsvlhTyACjkbaZ+vY/q0cwuCVb2rB7aQAoXQrbIO
yVomoOSDwBXWemZQu4SVOA14QpHsQU6w9GP6PwLhn4hR9UvOFXe1YGsuI668SmOLyjkPUSNO1KNO9a
v1vPx0esdFXZ1kYf3SRTyOqaQN+tKL1+hf/yNoneUMu0V1STzd1ZhX1CUQl5wqm6851qvHAr5OqJ87
3ZbQRa0P7lGbl9EqNBPvig5GjX+v8wCaVRUSRnNk+wh8wZQyN0U5CWeK2qbrPm4WBV+HJMmr5+f4qY
pvyBI27afW+JzUUUIPnqBoEtKfAjqJPrT6TErDKT8WPypaYyXF3nie2kyeM2YHDBs4iL4+Grbj9SYm
7smDNlwzKdR1Scfm+af7ghKYQOT8s6DX9H2vFV7X2qYw+7K9qEx/Ae6PCjtZGen377SZ6zSRTWzb+
z2LeFHhp2XnoNV9AmVBSmarvznFcj3YsYC+3weS8vOfye0kKeTVvHHL9F4N0OPAQx3LcYghdsmvWnx
SRKhG3AyPhWI+ypfj0Zx7JATW/W1wRR66R4pZsZUSz0nVMIqHHLuw+bBrUzInYOAE57TEJQxWhrv7l
ZrbWr0DUniHDR6JuZ8BUCNfxUZ3HqsmGtErqisziH0J3IOOgshBs33bXXsbMXQBbexOgS8m6HYeWD
q0iZeSEQ58frrwzn1LC/uGXTaJL1mu8x4gJqyY5jtkzVjCUJDYzGQa0SgRaiQaRJA0dnxyzy1mX2RA
CVGC2F2ErHqJW4GjasACUBBUadcsYDrSZDIFrZcE6cWsIzgLALI6hIQNZp2NNsKYjdUcD36Q5snRwq
+NYoD2wwqRRvnH2mzSwYSeyHvgtcnhI5ZgvSugTSA06Xrv9s4Wax37/E4nNGmejkOT66QBxHR0vsT
nRFi2KM0Y3J4Xx2ej7oOwSQ3hdZ2rgy8bSE9t1uTGuud6aI4X6wzarhgx6Y512hvwRg7aMQOQH2s6J
ji723e+S1wrteqJUyGoX3yn08iZWXpyTc6AYPrYjxiKxh6LXWGH+QPnQ7p44B00Rwx2/L5sMVQD7c
aN5fjtf3i16tOMOq0BJ6EJ+4EGe59PGSwcSx/fdbqccLON/W6cnTAUfbyF20rOHISuFK8c1XwUsMA
Tv6dY+jDAqBBppiE4K0bkKR7ulw3x9UIAMx9rHTROvc89XahHDuBdMwdLA19M3S44CR6qWViUPnb7v
FkphantoChUOAZFemsQx FurTPqH5DL+gncz0Bnah3dt50mtKf0YThoXmZYCXxkfMS18ElzEFD955x
3SWlpDMYbof/KFuZ01WkChMKzv3JHatgwjSAAin6Dhto+PXOGxQkwZSC1hQ01EaxeeIjm8xAwyUEzs
nMAk6PaSqaTK0607J1M941N0bkYHv+kBIM2+vxoFgteJD10bTDsdL8LLV48aVB7g0+JTYNqcuF4c1G
trjvkX3fBC3kIvcaNzjfrW54TlyjDFfuF/Jl7+aG6/zz9wQ77lhZctbwP7Z/MAZxmC7Y05eSrY3CBO
o7+sIGBYP7uVqAFPQCGXGPYuOkzcjWWzaeDhxYVA08n6XOFBEudSiYcbB8SX3cLtNcKqDzmtXHmon
NvTzi4qLxHoG13zazrFE6j2ehVOeyafspo+qU0C2yw3uK0FTJDALjUuSrVQJrPgPL7piPlJJrdtArk
mr1Ejo2vZ8Du8L9AhjTH6cCwHbVqWU9k2uuh5JMLvWe5HtMfKp5H2ovBHtBf8hPboX6G9v0pxb/NHi
sPGcO/k24Ew/gM0x3WQ/57mXrD/LZoz/0s0J99m0Xbsmf21R4e+E990dLaL/Kz1mY3KFPnc0vMuC3D
VKf3G612aJmf23HYuBFTdU1gN6HQqKRYy7pBA1Q9XDcpNtZRKR6wmljaNqdBgCqglZSmtT1tBF5WZ0
YqqelgD5Wx6JOME LMI9pih2uy2vmWiY4SI5sCSzMO3I2YWIocv8bm0byu0bzd1zAYL2v7j8B1xo8BCN
+/Cdf+YevHDggS83dDLt0uVRKiwsDVDh6PHNZVLabtKnap6SoXafRemAHWG+jAzrAAdBWUyLqrLW36
zBV9MHXdyXARoY/GaS8nrr4HBs6cVJmZ6LQI5WfFKCQ2WZn100jQ4iR1OGLas4h+c1DbyaGrC/TJTB
3okmWH3P9sJvHe1Y79kJOYvIimedlmqLTxyxT9sCOZdrsf1Sm/v9hmXaqCXrtj2X6DfubvV1+tfSAP
plmjZQeDkC6GW7f1IzqXUZJ3W+Gpm8YR2DX2/ySin4Vart0fbxtueQAwG0Wn7XNIJaV4RKDhS4UPiG
AlAHZWuAw1LhY5np3MVvrEMzNmZrfZmrGHsVdNiGzHhHlaOENiLpUEQD3VeHMAffq/NRpXay9+qfrj

```

```
DnFGztUnJkaNIGxifnX7iM8t1Ho/LFjUGEyWDdNLbelt8YWe63o5PnkIh8np9FX/LVj8MbOxbuCfyV
fOIJYSgL3d8v1KDqDhU10vIuxOKtty4Jv3ZnVgpajkeFnHQYzYc/xWtXFnr7WmisGcnXLoiY/DFnni
Qk/cjPrgXRqx71FXBeFuFQYYj6JwdIOFo2JYCE3U0xjv97lZVRxmIpBtogPIBDRbR6tZ3q6JPFy7vO
mEoyCx5S75g2PaPpc59GjMMM38YyB1hLHFiO1LY+MuG0n+ZBbQruxizHa7vXoxWKqXOfDzsm500bC
3n97nr7Ins5hHk5F7ofG7w/L/rwD4V/Aiw</PAREs>
</PayerAuth>
</SecurePaymentAlert>
</Alert>
</Alerts>
</OrderChangeParameters>
</Request>
</OrderChangeRQ>
```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#).

Use case 7: Change a flight in a confirmed order

Use Case Description

OrderChange is sent to confirm an exchange offer, in order to change, add or cancel some flights in the order. To cancel all the flights OrderCancel should be called, OrderChange always triggers a ticket exchange.

Preconditions

- An order has been created successfully with OrderCreate
- An OrderRetrieve has been run successfully on the order and returned a successful eligibility to ATC Exchange.
- An OrderReshop has been run successfully to select an exchange offer for the flight.

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <BookingRef>
      <BookingID>123AA16</BookingID>
      <BookingEntity>6X</BookingEntity>
    </BookingRef>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SULL-17364251535205768699-22</OfferID>
            <OwnerCode>6X</OwnerCode>
            <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
              <PaxRefID>PAX1</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
        </AcceptOffer>
      </UpdateOrderItem>
    </ChangeOrder>
  </Order>
  <Order>
    <OrderID>6X_123AA16</OrderID>
    <OwnerCode>6X</OwnerCode>
  </Order>
  <PaymentInfo>
    <Amount CurCode="EUR">100.00</Amount>
    <TypeCode>CC</TypeCode>
    <PaymentMethod>
      <PaymentCard>
        <CardNumber>4012999999999999</CardNumber>
        <SeriesCode>123</SeriesCode>
        <CreditCardVendorCode>VI</CreditCardVendorCode>
        <ExpirationDate>1020</ExpirationDate>
        <CardholderContactInfo>
          <Individual>
            <Surname>Smith</Surname>
          </Individual>
          <PostalAddress>
            <StreetText>820 1st Avenue</StreetText>
            <StreetText>Bis</StreetText>
            <PostalCode>4589613</PostalCode>
            <CityName>New York City</CityName>
          </PostalAddress>
        </CardholderContactInfo>
      </PaymentCard>
    </PaymentMethod>
  </PaymentInfo>
</OrderChangeRQ>

```



```

<CountrySubDivisionName>New York<CountrySubDivisionName>
    <CountryCode>US</CountryCode>
    </PostalAddress>
  </CardholderContactInfo>
</PaymentCard>
</PaymentMethod>
</PaymentInfo>
</Request>
</OrderChangeRQ>

```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#).

Use case 8: Change a flight in a un-confirmed order in deferred payment

Use Case Description

OrderChange is sent to confirm an exchange offer, in order to change, add or cancel some flights in the order. To cancel all the flights OrderCancel should be called, OrderChange always triggers an itinerary exchange.

Preconditions

- An order has been created successfully with OrderCreate
- An OrderReshop has been run successfully to select an exchange offer for the flight.

Limitations

- All ancillary (impacted by the flight change or not) will be deleted with their pricing record.
- The exchange offer cannot be paid at the same OrderChange transaction. Another transaction should be done to confirm (pay) the order.

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <BookingRef>
      <BookingID>123AA16</BookingID>
      <BookingEntity>6X</BookingEntity>
    </BookingRef>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SULL-17364251535205768699-22</OfferID>
            <OwnerCode>6X</OwnerCode>
            <ShoppingResponseRefID>SULL-
17364251535205768699</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SULL-17364251535205768699-22-
1</OfferItemRefID>
              <PaxRefID>PAX1</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
        </AcceptOffer>
      </UpdateOrderItem>
    </ChangeOrder>
  </Request>
</OrderChangeRQ>

```

The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#).

Use case 9: Order Split

Use Case Description

OrderChange is sent to an order split, in order to divide an order into two different orders. The function separates passengers from an Order and creates a new child Order with these passengers and their associated segments and elements.

Prerequisites

- An order has been created successfully with OrderCreator.
- All existing quotations elements in the order are already confirmed and issued.
- The user is authorized to perform PNR Split
- PaxID in entry is the one returned in OrderRetrieve

Limitation

- Split before ticketing is not supported
- Same limitations than PNR split (Non-homogeneous conditions, increase/decrease number in party, print on child PNR, etc.)
- Void of a sub-divided Order with same Credit Card. Agent has to do a manual reversal
- Infant child should not be specified in entry, it is automatically sub-divided with the associated Adult

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Sender>
    <TravelAgency>
      <AgencyID>NCE6X09DC</AgencyID>
    </TravelAgency>
  </Sender>
  <Request>
    <BookingRef>
      <BookingID>2ZGPX5</BookingID>
      <BookingEntity>
        <Carrier>
          <AirlineDesigCode>6X</AirlineDesigCode>
        </Carrier>
      </BookingEntity>
    </BookingRef>
    <ChangeOrder>
      <UpdatePax>
        <New>
          <PaxID>PAX1</PaxID>
          <Individual>
            <IndividualID>PAX1</IndividualID>
            <Birthdate>1987-10-12</Birthdate>
            <TitleName>MRS</TitleName>
            <GivenName>Nameone</GivenName>
            <Surname>surnameone</Surname>
          </Individual>
        </New>
      </UpdatePax>
      <UpdatePax>
        <New>
          <PaxID>PAX2</PaxID>
          <Individual>
            <IndividualID>PAX2</IndividualID>
            <Birthdate>1987-10-12</Birthdate>
            <TitleName>MR</TitleName>
            <GivenName>Nametwo</GivenName>
            <Surname>surnametwo</Surname>
          </Individual>
        </New>
      </UpdatePax>
    </ChangeOrder>
    <OrderChangeParameters>
      <Reason>DIV</Reason>
    </OrderChangeParameters>
  </Request>
</OrderChangeRQ>

```

The OrderViewRS response contains the order Child response with the reference from Parent Order. The OrderViewRS response is detailed in [OrderRetrieve 18.1 Implementation guide](#).

Use case 10: Update the order amounts adding the OB fees

Use case description

In case of deferred payment, an order is created without OB fees. Since the order must be paid using a credit card as FOP, the customer sends an OrderReshop (ob fees computation) with the CC info to retrieve the new amount and OB fees value, and uses OrderChange just to update the order amounts adding the CC OB fees.

Prerequisites

- The offer is priced without CC bin info (no OB fees computation)
- The order is created without payment info (deferred payment)
- The OB fees amount is computed using the dedicated OrderReshop feature

Message

```

<OrderChangeRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ"
xsi:schemaLocation="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ
OrderChangeRQ.xsd">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ActionCode>UPDATE_PAYMENT_METHOD</ActionCode>
    <Order>
      <OrderID>6X_LGAION</OrderID>
      <OwnerCode>6X</OwnerCode>
    </Order>
    <PaymentInfo>
      <Amount CurCode="EUR">946.74</Amount>
      <TypeCode>CC</TypeCode>
      <PaymentMethod>
        <PaymentCard>
          <CardNumber>4000009999999999</CardNumber>
          <SeriesCode>123</SeriesCode>
          <CreditCardVendorCode>VI</CreditCardVendorCode>
          <ExpirationDate>1020</ExpirationDate>
        </PaymentCard>
      </PaymentMethod>
    </PaymentInfo>
  </Request>
</OrderChangeRQ>

```

Use case 11: Update the order amounts removing the OB fees, and requesting issuance and payment

Use case description

In case of deferred payment, an order is created including CC OB fees. Since the order must be paid using CASH as FOP, the customer sends an OrderReshop (ob fees computation) with CA as FOP info to retrieve the new total amount without CC OB fees, and uses OrderChange to update the order amounts removing the CC OB fees, and triggering payment and issuance.

Prerequisites

The offer is priced with CC bin info (OB fees added in the offer) The order is created without payment info (deferred payment) The new total amount without OB fees is computed using the dedicated OrderReshop feature

Message

```
<OrderChangeRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ"
xsi:schemaLocation="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ
OrderChangeRQ.xsd">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ActionContextCode>UPDATE_PAYMENT_METHOD_AND_PAY</ActionContextCode>
    <Order>
      <OrderID>6X_LGAION</OrderID>
      <OwnerCode>6X</OwnerCode>
    </Order>
    <PaymentInfo>
      <Amount CurCode="EUR">946.74</Amount>
      <TypeCode>CA</TypeCode>
      <PaymentMethod>
        <Cash>
          <CashInd>>true</CashInd>
        </Cash>
      </PaymentMethod>
    </PaymentInfo>
  </Request>
</OrderChangeRQ>
```

Use case 12: Update the order amounts updating the itinerary price (reprice TST)

Use case description

In case of deferred payment, an order is repriced (itinerary only) using the dedicated OrderReshop. The offer obtained, is used in OrderChangeRQ to commit the pricing modification of the order.

Prerequisites

An OrderReshop to reprice the itinerary is requested for an un-ticketed order.

Message

```

<OrderChangeRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ"

  xsi:schemaLocation="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ
  OrderChangeRQ.xsd">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ActionContextCode>UPDATE_PRICE</ActionContextCode>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SP1P-18219519679674142917-1</OfferID>
            <OwnerCode>6x</OwnerCode>
            <ShoppingResponseRefID>SP2P-
1083566172268901941</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SP1P-18219519679674142917-1-
1</OfferItemRefID>
              <PaxRefID>PAX2</PaxRefID>
              <PaxRefID>PAX3</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
        </AcceptOffer>
      </UpdateOrderItem>
    </ChangeOrder>
  </Request>
</OrderChangeRQ>

```

Table 1 Reprice itinerary request

Use case 13: Update the order amounts updating the itinerary price (reprice TST), pay&issue

Use case description

In case of deferred payment, an order is repriced (itinerary only) using the dedicated OrderReshop. The offer obtained, is used in OrderChangeRQ to commit the pricing modification of the order, and pay and issue.

Prerequisites

An OrderReshop to reprice the itinerary is requested for an un-ticketed order.

Message

```

<OrderChangeRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ"

xsi:schemaLocation="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ
OrderChangeRQ.xsd">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X09DC</AgencyID>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ActionContextCode>UPDATE_PRICE</ActionContextCode>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SP1P-18219519679674142917-1</OfferID>
            <OwnerCode>6x</OwnerCode>
            <ShoppingResponseRefID>SP2P-
1083566172268901941</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SP1P-18219519679674142917-1-
1</OfferItemRefID>
              <PaxRefID>PAX2</PaxRefID>
              <PaxRefID>PAX3</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
        </AcceptOffer>
      </UpdateOrderItem>
    </ChangeOrder>
  </Request>
  <Order>
    <OrderID>6X_5YNOD6</OrderID>
    <OwnerCode>6X</OwnerCode>
  </Order>
  <PaymentInfo>
    <Amount CurCode="AUD">1573.00</Amount>
    <TypeCode>CC</TypeCode>
    <PaymentMethod>
      <PaymentCard>
        <CardNumber>4147200022000006</CardNumber>
        <SeriesCode>123</SeriesCode>
        <CreditCardVendorCode>VI</CreditCardVendorCode>
        <ExpirationDate>1024</ExpirationDate>
        <CardholderContactInfo>
          <Individual>
            <Surname>Smith</Surname>
          </Individual>
        </CardholderContactInfo>
      </PaymentCard>
    </PaymentMethod>
  </PaymentInfo>

```

```
</Request>
</OrderChangeRQ>
```

Table 2 Reprice itinerary request

Use case 14: Book an extra seat with Currency Override

Use case description

In a paid post-booking flow, a partner wants to book a Seat with another Currency. A partner triggers a SeatAvail with CurrencyOverride option to get the available seats with the override currency.

To trigger the seat booking and issuance, the currency override information (in *Metadata*) must be present in OrderChange Request, with the payment information .

Prerequisites

- The currency override information must be used in input
- The flow works in post-booking only.

Message

In: *OrderChangeRQ/Request/Metadata/Other/OtherMetadata/CurrencyMetadatas/Currency Metadata/Name* the currency code.

In: *OrderChangeRQ/Request/Metadata/Other/OtherMetadata/CurrencyMetadatas/Currency Metadata/@refs* the concatenation of seat offerIds.

```

OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <Aggregator>
        <AggregatorID />
      </Aggregator>
    </Sender>
  </Party>
  <Request>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <CreateOrderItem>
            <OrderItem>
              <OfferItemID Owner="6X">PRICE1-SEG1</OfferItemID>
              <OfferItemType>
                <SeatItem>
                  <Location>
                    <Column>A</Column>
                    <Row>
                      <Number>48</Number>
                    </Row>
                  <Associations>
                    <Passengers>
                      <PassengerReferences>PAX2</PassengerReferences>
                    </Passengers>
                    <Flight>
                      <SegmentReferences>SEG1</SegmentReferences>
                    </Flight>
                  </Associations>
                </Location>
              </SeatItem>
            </OfferItemType>
          </OrderItem>
        </CreateOrderItem>
      </AcceptOffer>
    </UpdateOrderItem>
  </ChangeOrder>
  <Metadata>
    <Other>
      <OtherMetadata>
        <CurrencyMetadatas>
          <CurrencyMetadata MetadataKey="MD1" refs="PRICE1-SEG1">
            <Name>USD</Name>
          </CurrencyMetadata>
        </CurrencyMetadatas>
      </OtherMetadata>
    </Other>
  </Metadata>
  <Order>
    <OrderID>6X_W4SWZV</OrderID>
  </Order>
</Request>
</Party>
</OrderChangeRQ>

```

```

    <OwnerCode>6X</OwnerCode>
  </Order>
  <PaymentInfo>
    <Amount CurCode="USD">55.0</Amount>
    <TypeCode>CA</TypeCode>
    <PaymentMethod>
      <Cash>
        <CashInd>true</CashInd>
      </Cash>
    </PaymentMethod>
  </PaymentInfo>
</Request>
</OrderChangeRQ>

```

Table 3 Reprice itinerary request

Use case 15: Confirm an Order with 3DS2 authentication data

Use Case Description

OrderChange is sent to confirm an order with 3DS2 authentication data. The order is referenced using its order ID.

Preconditions

- An order has been initiated via OrderCreateRQ or OrderChangeRQ, without credit card information.
- The 3DS authentication has been performed (successfully or not) via a 3DS2 authentication provider.

Message

```

OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <Party>
    <Sender>
      <TravelAgency>
        <AgencyID>NCE6X0100</AgencyID>
        <IATA_Number>12345678</IATA_Number>
      </TravelAgency>
    </Sender>
  </Party>
  <AugmentationPoint>
    <BP_SP_181:SecurePayment>
      <BP_SP_181:PaymentProcessingDetails>
        <BP_SP_181:PaymentInfoID>1</BP_SP_181:PaymentInfoID>
        <BP_SP_181:PaymentMethod>
          <BP_SP_181:PaymentCard>
            <BP_SP_181:SecurePaymentVersion2>

<BP_SP_181:AuthenticationTokenValue>WTJGeVpHbHVZV3hqYjIxdFpYSmpaV0YxZEdnPQ==</
BP_SP_181:AuthenticationTokenValue>

<BP_SP_181:DirectoryServerTrxID>M2Q1MGY2ZTUtZGY0My00M2M2LWF1YWYtZDY5OTE4NTg0Zj
Rl</BP_SP_181:DirectoryServerTrxID>

<BP_SP_181:ElectronicCommerceInd>05</BP_SP_181:ElectronicCommerceInd>

<BP_SP_181:ProgramProtocolText>2.1.0</BP_SP_181:ProgramProtocolText>

<BP_SP_181:TrxStatusText>Y</BP_SP_181:TrxStatusText>

<BP_SP_181:PaymentTrxChannelCode>EC</BP_SP_181:PaymentTrxChannelCode>
      </BP_SP_181:SecurePaymentVersion2>
      </BP_SP_181:PaymentCard>
    </BP_SP_181:PaymentMethod>
    <BP_SP_181:TypeCode>CC</BP_SP_181:TypeCode>
  </BP_SP_181:PaymentProcessingDetails>
</BP_SP_181:SecurePayment>
</AugmentationPoint>
  <Request>
    <Order>
      <OrderID>6X_NS8MC4</OrderID>
      <OwnerCode>6X</OwnerCode>
    </Order>
    <PaymentInfo>
      <Amount CurCode="EUR">1332.91</Amount>
      <TypeCode>CC</TypeCode>
      <PaymentMethod>
        <PaymentCard>
          <CardNumber>400009999999999</CardNumber>
          <SeriesCode>999</SeriesCode>
          <CreditCardVendorCode>VI</CreditCardVendorCode>
          <ExpirationDate>0521</ExpirationDate>
        </PaymentCard>
      </PaymentMethod>
    </PaymentInfo>
  </Request>
</OrderChangeRQ>

```



```

    </PaymentInfo>
  </Request>
</OrderChangeRQ>

```

Table 4 Reprice itinerary request

Use case 16: Deferred payment in exchange: Change the itinerary in an order without payment

Use case description

In case of itinerary change request, after the reshop and reprice steps (OrderReshopRQ), OrderChangeRQ is sent with the reshop offer only to trigger the itinerary modification of the order, without payment.

Preconditions

- OrderReshopRQ shopping and OrderReshopRQ reprice have been used to select an offer for the itinerary change and price it.

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <PointOfSale>
    <Country>
      <CountryCode>FR</CountryCode>
    </Country>
  </PointOfSale>
  <Party>
    <Participant>
      <Aggregator>
        <AggregatorID>XXX</AggregatorID>
      </Aggregator>
    </Participant>
    <Recipient>
      <ORA>
        <AirlineDesigCode>6X</AirlineDesigCode>
      </ORA>
    </Recipient>
    <Sender>
      <TravelAgency>
        <AgencyID>12345678</AgencyID>
        <IATA_Number>12345678</IATA_Number>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ActionContextCode>DEFERRED_PAYMENT_IN_EXCHANGE</ActionContextCode>
    <ChangeOrder>
      <UpdateOrderItem>
        <AcceptOffer>
          <SelectedOffer>
            <OfferID>SP2F-16791454965770163831-1</OfferID>
            <OwnerCode>6X</OwnerCode>
            <ShoppingResponseRefID>SP2F-
16791454965770163831</ShoppingResponseRefID>
            <SelectedOfferItem>
              <OfferItemRefID>SP2F-16791454965770163831-1-
1</OfferItemRefID>
              <PaxRefID>PAX1</PaxRefID>
            </SelectedOfferItem>
          </SelectedOffer>
        </AcceptOffer>
      </UpdateOrderItem>
    </ChangeOrder>
  </Request>
</OrderChangeRQ>

```

Table 5 OrderChangeRQ to rebook an itinerary without payment

Use case 17: Deferred payment in exchange: Pay and finalise an unpaid order

Use case description

The OrderChangeRQ is sent to pay (or revalidate) and order that contains a rebooked itinerary.

Preconditions

- The order contains an itinerary rebooked that is not paid yet. This applies also in case of order rebooked pending revalidation.

Message

```

<OrderChangeRQ xmlns="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.iata.org/IATA/2015/00/2018.1/OrderChangeRQ">
  <PointOfSale>
    <Country>
      <CountryCode>FR</CountryCode>
    </Country>
  </PointOfSale>
  <Party>
    <Participant>
      <Aggregator>
        <AggregatorID>XXX</AggregatorID>
      </Aggregator>
    </Participant>
    <Recipient>
      <ORA>
        <AirlineDesigCode>6X</AirlineDesigCode>
      </ORA>
    </Recipient>
    <Sender>
      <TravelAgency>
        <AgencyID>12345678</AgencyID>
        <IATA_Number>12345678</IATA_Number>
      </TravelAgency>
    </Sender>
  </Party>
  <Request>
    <ActionContextCode>SERVICING_PAY_AND_ISSUE</ActionContextCode>
  <Order>
    <OrderID>6X_6TW7UN</OrderID>
    <OwnerCode>6X</OwnerCode>
  </Order>
  <PaymentInfo>
    <Amount CurCode="SGD">1001.40</Amount>
    <TypeCode>CC</TypeCode>
    <PaymentMethod>
      <PaymentCard>
        <CardNumber>4012999999999999</CardNumber>
        <SeriesCode>123</SeriesCode>
        <CreditCardVendorCode>VI</CreditCardVendorCode>
        <ExpirationDate>1025</ExpirationDate>
        <CardholderContactInfo>
          <Individual>
            <Surname>Smith</Surname>
          </Individual>
        </CardholderContactInfo>
      </PaymentCard>
    </PaymentMethod>
  </PaymentInfo>
</Request>
</OrderChangeRQ>

```

Table 6 OrderChangeRQ to pay for a rebooked order

Glossary

CC - Credit Card

FF - Frequent Flyer

FOP - Form Of Payment

FOID - Form Of Identification

FQTV - Frequent flyer code for accruing miles

MCO - Miscellaneous Charge Order

PNR - Passenger Name Record

PTC - Passenger Type Code

TST - Transitional Stored Ticket

RFIC - Reason For Issuance Code

RFISC - Reason for Issuance Sub-Code

SSR - Special Service Request

SVC - Manual Auxiliary Segment

TSM - Transitional Stored MCO

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