

**XML-specification for data exchange between
InTour Office and external travel systems**

VERSION 1.2.4

CONTENT

CONTENT	2
INTRODUCTION	3
STRUCTURE OF REQUEST AND RESPONSE	3
RESERVATION OR CHANGE RESERVATION REQUEST	3
1. How to send the information about new or changed reservations	3
Excursion Service Element	5
Extra Service Element.....	6
Hotel Accommodation Element.....	6
Hotel Extra Service Element.....	7
Transfer Element.....	7
2. How to get the bookings operational state information	8
RESERVATION OR CHANGE RESERVATION RESPONSE.....	8
CANCELLATION REQUEST.....	9
CANCELLATION RESPONSE.....	10
OUTGOING MESSAGES REQUEST	10
OUTGOING MESSAGES RESPONSE	11
AVAILABLE CONFIRMATIONS REQUEST	11
AVAILABLE CONFIRMATIONS RESPONSE.....	12
INCOMING MESSAGES REQUEST	14
INCOMING MESSAGES RESPONSE	14
INVOICES REQUEST	15
INVOICES RESPONSE.....	15
HOTEL REQUEST	17
HOTEL RESPONSE	17
REFERENCE REQUEST.....	18
REFERENCE RESPONSE.....	19
ERRORS PROCESSING.....	19
WARNINGS PROCESSING.....	20

INTRODUCTION

The document contains the detailed description of a XML messages set, which helps to realize the data exchange mechanism between InTour Office and external travel systems.

STRUCTURE OF REQUEST AND RESPONSE

Every request message must have the following structure ([RequestName] should be replaced by real request name, like ReservationRequest, CancellationRequest, etc.):

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
               xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
               xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <[RequestName]RQ xmlns="http://zelsoft.ru/">
      <!--Request Message, described thereafter-->
    </[RequestName]RQ>
  </soap:Body>
</soap:Envelope>
```

Every response message must have the following structure:

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
               xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
               xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <[RequestName]RQResponse xmlns="http://zelsoft.ru/">
      <!--Response Message, described thereafter-->
    </[RequestName]RQResponse>
  </soap:Body>
</soap:Envelope>
```

RESERVATION OR CHANGE RESERVATION REQUEST

You can use this request for sending the information about new or changed reservations from external travel system to InTour Office.

Or you can get the information about an operational state of your bookings inside InTour Office.

1. How to send the information about new or changed reservations

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<ReservationRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <Bookings>
    <Booking ID="202663" Code="CZ90920002" Created="2018-09-04T15:08:06">
      <Comments>Tour to Czech Republic</Comments>
      <Duration Begin="2018-09-20"/>
      <Persons>
        <Person ID="203075" AgeType="0" Gender="0" Main="1">
          <Birthday>1981-01-01</Birthday>
          <Name>Ivan</Name>
          <Surname>Ivanov</Surname>
        </Person>
      </Persons>
    </Booking>
  </Bookings>
</ReservationRequest>
```

```

<Person ID="203076" AgeType="1" Gender="1">
  <Birthday>1984-01-01</Birthday>
  <Name>Maria</Name>
  <Surname>Ivanova</Surname>
</Person>
</Persons>
<Services>
  <HotelAccommodation ID="206510" PersonQuantity="2">
    <City Code="PRG" Name="Prague"/>
    <Duration Begin="2018-09-20" End="2018-10-04"/>
    <Hotel Code="VSH" Name="Vyshegrad"/>
    <MealType Code="FB" Name="Full board"/>
    <Room Code="SGL_STD_1Ad" Name="Single Standard Adult">
      <Accommodation Code="1Ad" Name="Adult on main place"/>
      <Category Code="STD" Name="Standard"/>
      <Type Code="SGL" Name="Single"/>
    </Room>
  </HotelAccommodation>
</Services>
<PersonServices>
  <PersonService RoomNumber="1">
    <Service ID="206510"/>
    <Person ID="203075"/>
  </PersonService>
  <PersonService RoomNumber="2">
    <Service ID="206510"/>
    <Person ID="203076"/>
  </PersonService>
</PersonServices>
</Booking>
</Bookings>
</ReservationRequest>

```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<ReservationRequest>	Root element	
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)
<Bookings>	Set of bookings	
<Booking>		
ID	Booking ID from external outgoing system	Int32
Code	Booking reference code (number)	String (11)
Created	Booking creation date in CCYY-MM-DTHH:MM:SS format	DateTime
CustomerName	Customer (agency) name	String (80)
CustomerID	Customer (agency) ID from external outgoing system	Int32
<Duration>	Booking validity period	
Begin	Begin date of Booking validity period in CCYY-MM-DT	Date
<Comments>	Booking notes	String (250)
<Services>	Set of services	
<Excursion>		
<ExtraService>		
<HotelAccommodation>		
<HotelExtraService>		
<Transfer>	The set can consist of any quantity of the elements specified in the first column	
ID	Service ID from external outgoing system	Int32
PersonQuantity	Number of tourists for the service	Int16

<Comments>	Service notes	String (250)
<Duration>	Period of validity of this service	
Begin	Begin date for the service in CCYY-MM-DD format	Date
End	End date for the service in CCYY-MM-DD format	Date
<Persons>	Set of tourists	
<Person>		
ID	Tourist ID from external outgoing system	Int32
AgeType	Age type ID: 0 - adult male 1 - adult female 2 - child 3 - infant	Int16
Gender	Sex ID: 0 - man 1 - woman	Int16
Name	First name of a tourist	String (15)
Surname	Surname of a tourist	String (25)
Main	A sign of main tourist (1 - if tourist is a main person in the booking)	Int16
Birthday	Date of birth of a tourist in CCYY-MM-DD format	Date
PassportSeries	Series of passport	String (10)
PassportNumber	Number of passport	String (20)
PassportDate	Date of issue or the expiry date of the passport (according requirements of your partner)	Date
Phone	Phone number	String (40)
E-Mail	E-Mail	String (40)
<PersonServices>	Set of references between tourists and services	
<PersonService>		
RoomNumber	Room number from external outgoing system's rooming list	Int32
<Service>		
ID	Service ID (reference to an element from the set of services)	Int32
<Person>		
ID	Tourist ID (reference to an element from the set of tourists)	Int32

Excursion Service Element

Example

```
<Excursion ID="206512" Code="CBE" Name="City bus excursion" PersonQuantity="2">
  <Duration Begin="2018-09-24"/>
  <Vehicle Code ="MBS" Name="Minibus"/>
</Excursion>
```

Element name	Element description	Data type
<Excursion>		
Code	Excursion code	String (150)
Name	Excursion name	String (250)
<Vehicle>		
Code	Vehicle type code	String (150)
Name	Vehicle type name	String (250)

Extra Service Element

Example

```
<ExtraService ID="206489" Code="BRKF" Name="Breakfast (Vyshegrad)"
  PersonQuantity="2">
  <Duration Begin="2018-09-21" End="2018-10-04"/>
</ExtraService>
```

Element name	Element description	Data type
<ExtraService>		
Code	Extra service code	String (150)
Name	Extra service name	String (250)

Hotel Accommodation Element

Example

```
<HotelAccommodation ID="206510" PersonQuantity="2">
  <City Code="PRG" Name="Prague"/>
  <Duration Begin="2018-09-20" End="2018-10-04"/>
  <Hotel Code="VSH" Name="Vyshegrad"/>
  <MealType Code="FB" Name="Full board"/>
  <Room Code="SGL_STD_1Ad" Name="Single Standard Adult">
    <Accommodation Code="1Ad" Name="Adult on main place"/>
    <Category Code="STD" Name="Standard"/>
    <Type Code="SGL" Name="Single"/>
  </Room>
</HotelAccommodation>
```

Element name	Element description	Data type
<HotelAccommodation>		
<City>		
InternalId	City ID in InTour Office database	Int32
Code	City code	String (150)
Name	City name	String (250)
<Hotel>		
InternalId	Hotel ID in InTour Office database	Int32
Code	Hotel unique code	String (150)
Name	Hotel name	String (250)
<MealType>		
InternalId	Meal type ID in InTour Office database	Int32
Code	Meal type code	String (150)
Name	Meal type name	String (250)
<Room>	Summary hotel accommodation description	
Code	Unique code of summary hotel accommodation description	String (150)
Name	Summary hotel accommodation description	String (250)
<Accommodation>		
InternalId	Accommodation type ID in InTour Office database	Int32
Code	Accommodation unique code	String (150)
Name	Accommodation name	String (250)
<Category>		
InternalId	Room category ID in InTour Office database	Int32

Code Name	Room category unique code Room category name	String (150) String (250)
<Type>		
InternalId	Room type ID in InTour Office database	Int32
Code Name	Room type unique code Room type name	String (150) String (250)

Hotel Extra Service Element

Example

```
<HotelExtraService ID="206511" Code="DN" Name="Dinner on arrival"
  PersonQuantity="2">
  <City Code="PRG" Name="Prague"/>
  <Duration Begin="2018-09-20" End="2018-09-20"/>
  <Hotel Code="VSH" Name="Vyshegrad"/>
</HotelExtraService>
```

Element name	Element description	Data type
<HotelExtraService>		
Code	Extra service code	String (150)
Name	Extra service name	String (250)
<City>		
Code	City code	String (150)
Name	City name	String (250)
<Hotel>		
Code	Hotel unique code	String (150)
Name	Hotel name	String (250)

Transfer Element

Example

```
<Transfer ID="206509" Code="AH" Name="Airport - Hotel" PersonQuantity="2">
  <Duration Begin="2018-09-20" End="2018-09-20"/>
  <Flight Code="AZ225" Name="AZ225 Moscow (SVO) - Prague (PRG)"/>
  <Vehicle Code="MBS" Name="Minu bus"/>
  <PointFrom ID="1" Name="Vaclav Havel airport"/>
  <PointTo ID="1013" Name="Hotel GEO"/>
</Transfer>
```

Element name	Element description	Data type
<Transfer>		
Code	Transfer type code	String (150)
Name	Transfer type name	String (250)
<Flight>		
Code	Flight code	String (150)
Name	Flight name	String (250)
<Vehicle>		
Code	Vehicle code	String (150)
Name	Vehicle name	String (250)
<PointFrom>		
ID	Source pick up point ID in InTour Office	Int32
Name	Source pick up point name	String (80)
<PointTo>		

ID	Destination pick up point ID in InTour Office	Int32
Name	Destination pick up point name	String (80)

2. How to get the bookings operational state information

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<ReservationRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <Conditions>
    <Condition InternalID="2396" ID="160310001" Code="CZ160310001"/>
    <Condition ID="160310002" Code="CZ160310002"/>
    <Duration Begin="2018-03-04" End="2018-05-04"/>
  </Conditions>
</ReservationRequest>
```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<ReservationRequest>	Root element	
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)
<Conditions>	Set of search conditions	
<Condition>		
Code	Booking reference code (number)	String (11)
ID	Booking ID from external outgoing system	Int32
InternalID	Booking ID in InTour Office database	Int32
<Duration>		
Begin	Begin date of Booking validity period in CCYY-MM-DT	Date
End	Begin date of Booking validity period in CCYY-MM-DT	Date

RESERVATION OR CHANGE RESERVATION RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<ReservationResponse>
  <Bookings>
    <Booking InternalID="2396" Created="2018-04-03T11:52:34.073" ID="160310001" Code="CZ90920002" OperationalState="Accepted"/>
    <Booking InternalID="2397" Created="2018-04-04T11:35:34.073" ID="160310002" Code="SP90923001" OperationalState="Rejected">
      <Comments>The description of the rejection reason</Comments>
    </Booking>
    <Booking InternalID="2398" Created="2018-04-03T11:52:34.073" ID="160310003" Code="CZ160310001" OperationalState="Processed">
      <Comments>Tour to Czech Republic</Comments>
    </Booking>
    <Booking Code="CZ160310002" OperationalState="Not Found">
      <Comments>Booking not found</Comments>
    </Booking>
  </Bookings>
</ReservationResponse>
```



```

</Booking>
</Bookings>
</ReservationResponse>

```

Element name	Element description	Data type
<ReservationResponse>	Root element	
<Bookings>		
<Booking>		
Code	Booking reference code (number)	String (11)
Created	Booking creation date in CCYY-MM-DTHH:MM:SS format	DateTime
ID	Booking ID from external outgoing system	Int32
InternalID	Booking ID in InTour Office database	Int32
OperationalState	State of operation: - Accepted - booking has been successfully accepted by the service - Rejected - booking has been rejected by the service - Transferred - booking has been completely transferred to InTour Office database - Processed - booking has been processed by manager in InTour Office - Not Found - booking has not been found in InTour Office database	String
<Comments>		String (250)
<Duration>		
Begin	Begin date of Booking validity period in CCYY-MM-DT	Date
End	Begin date of Booking validity period in CCYY-MM-DT	Date

CANCELLATION REQUEST

The purpose of this request is to transfer the information about new cancellations to InTour Office.

Example

```

<?xml version="1.0" encoding="UTF-8"?>
<CancellationRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <Bookings>
    <Booking Code="CZ90920002">
      <Comments>The description of a cancellation reason</Comments>
    </Booking>
  </Bookings>
</CancellationRequest>

```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<CancellationRequest>	Root element	
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm	String (80)

	SHA1) in the hex string form	
<Bookings>		
<Booking>		
Code	Booking reference code (number)	String (11)
<Comments>		String (250)

CANCELLATION RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<CancellationResponse>
  <Bookings>
    <Booking Code="CZ90920002" OperationalState="Accepted"/>
  </Bookings>
</CancellationResponse>
```

XML message structure description:

Element name	Element description	Data type
<CancellationResponse>	Root element	
<Bookings>		
<Booking>		
Code	Booking reference code (number)	String (11)
OperationalState	State of operation: - Accepted - cancellation has been successfully accepted by the service - Rejected - cancellation has been rejected by the service	
<Comments>	Error description for rejection	String (250)

OUTGOING MESSAGES REQUEST

The purpose of this request is to transfer the new reservation-based messages from external travel system to InTour Office.

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<OutgoingMessagesRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <Messages>
    <Message ID="1" Sent="2018-12-02T18:08:12">
      <Booking Code="CZ90920002"/>
      Tourist details were changed (Ivanov Ivan -> Ivanovskiy Ivan)
    </Message>
    <Message ID="2" Sent="2018-12-02T18:08:12">
      <Booking Code="CZ90920002"/>
      Clients asked first floor
    </Message>
  </Messages>
</OutgoingMessagesRequest>
```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<OutgoingMessagesRequest>	Root element	
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)
<Messages>		
<Message>	Text of the message	Text
ID	External ID	Int32
Sent	Date when a message was sent in CCYY-MM-DTHH:MM:SS format	DateTime
<Booking>		
Code	Booking reference code (number)	String (11)

OUTGOING MESSAGES RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<OutgoingMessagesResponse>
  <Messages>
    <Message ID="1" Sent="2018-12-02T18:08:12"> TransactionState="Accepted"/>
    <Message ID="2" Sent="2018-12-02T18:08:12"> OperationalState="Accepted"/>
  </Messages>
</OutgoingMessagesResponse>
```

XML message structure description:

Element name	Element description	Data type
<OutgoingMessagesResponse>	Root element	
<Messages>		
<Message>		
ID	Internal ID	Int32
Sent	Date when a message was sent in CCYY-MM-DTHH:MM:SS format	DateTime
TransactionState	State of transaction: - Accepted - message has been successfully accepted by the service - Rejected - message has been rejected by the service	String

AVAILABLE CONFIRMATIONS REQUEST

The purpose of this request is to get new bookings or services confirmation from InTour Office to incoming travel system.

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<AvailableConfirmationsRQ>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <StateUpdatedFrom>2018-02-20T00:00:00.000</StateUpdatedFrom>
</AvailableConfirmationsRQ>
```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<AvailableConfirmationsRQ>	Root element	
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)
<StateUpdatedFrom>	Start state updating date and time in CCYY-MM-DTHH:MM:SS format	DateTime

AVAILABLE CONFIRMATIONS RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<AvailableConfirmationsResponse>
  <Bookings>
    <Booking InternalID="2164" Created="2018-01-22T18:29:51.53"
      ID="203063" Code="SP10312001" OperationalState="Transferring"
      Updated="2018-02-30T11:16:45.767" State="Confirmed">
      <Comments>Individual</Comments>
      <Invoices>
        <Invoice Created="2018-01-30T17:26:52.373" Code="PRO_SP10312001">
          <Comments>2000EU</Comments>
        </Invoice>
      </Invoices>
    </Booking>
    <Booking InternalID="2165" Created="2018-02-22T19:30:51.53"
      ID="203064" Code="CZ9092002">
      <Services>
        <Service InternalID="12" ID="206510" Updated="2018-02-30T11:16:45.767"
          State="Not Confirmed">
          <Alternatives>
            <Alternative Price="1200" Currency="EU" Created="2018-02-30T11:16:44.127"
              Rooms="1">
              <City ID="1" Name="Lloret de Mar"/>
              <Duration Begin="2018-04-10" End="2018-04-17"/>
              <Hotel ID="1013" Name="Anabel"/>
              <MealType ID="3" Name="HB"/>
              <Room>
                <Accommodation ID="48" Name="2Ad"/>
                <Category ID="1" Name="Standard"/>
                <Type ID="1" Name="Double"/>
              </Room>
              <Comment>We would like to offer you other accommodation dates</Comment>
            </Alternative>
          </Alternatives>
        </Service>
      </Services>
    </Booking>
  </Bookings>
</AvailableConfirmationsResponse>
```

XML message structure description:

Element name	Element description	Data type
<AvailableConfirmationsResponse>	Root element	
<Bookings>		
<Booking>		
Code	Booking code	String (11)

Created	Booking date in CCYY-MM-DTHH:MM:SS format	DateTime
ID	Booking ID from external outgoing system	Int32
InternalID	Booking ID in InTour Office database	Int32
OperationalState	Operational state of booking	String (20)
Updated	Date and time of booking state updating	DateTime
State	State of booking: - Confirmed - booking has been confirmed - Not Confirmed - booking has not been confirmed	String
<Comments>		
<Invoices>	Set of invoices	
<Invoice>		
Code	Confirmation or invoice number	String (20)
Created	Confirmation or invoice date in CCYY-MM-DTHH:MM:SS format	DateTime
<Comments>	Confirmation or invoice details as a string (exp. 200EU+400USD)	String (80)
<Services>	Set of services	
<Service>		
ID	Service ID from external outgoing system	Int32
InternalID	Service ID in InTour Office database	Int32
Updated	Date and time of service state updating	DateTime
State	State of service: - Confirmed - service has been confirmed - Not Confirmed - service has not been confirmed	String
<Alternatives>	Set of alternatives for a not confirmed service	
<Alternative>		
Rooms	Amount of rooms	Int32
Price	Price of the alternative	Decimal
Currency	Currency of the price	String
Comment	Comments for the alternative	String(250)
Created	Date and time of creation of the alternative	DateTime
<Duration>		
Begin	Check in date	Date
End	Check out date	Date
<City>		
ID	City identifier	Int32
Name	City name	String
<Hotel>		
ID	Hotel identifier	Int32
Name	Hotel name	String
<MealType>		
ID	Meal type identifier	Int32
Name	Meal type name	String
<Room>	Room description element	
<Category>		

ID	Room category identifier	Int32
Name	Room category name	String
<Type>		
ID	Room type identifier	Int32
Name	Room type name	String
<Accommodation>		
ID	Accommodation type identifier	Int32
Name	Accommodation type name	String

INCOMING MESSAGES REQUEST

The purpose of this request is to transfer the new reservation-based messages from InTour Office to external travel system.

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<IncomingMessagesRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
</IncomingMessagesRequest>
```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<IncomingMessagesRequest>	Root element	
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)

INCOMING MESSAGES RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<IncomingMessagesResponse>
  <Messages>
    <Message InternalID="188" Sent="2018-06-17T17:53:33"
      TransactionState="Transferring">
      <Booking Code="SP90620001"/>
      Waiting for flight details
    </Message>
  </Messages>
</IncomingMessagesResponse>
```

XML message structure description:

Element name	Element description	Data type
<IncomingMessagesResponse>	Root element	
<Messages>		
<Message>		
InternalID	Message ID in InTour Office database	Int32
Sent	Date when a message was sent in CCYY-MM-DTHH:MM:SS format	DateTime
TransactionState	Message Transaction State	String (20)

<Booking>		
Code	Booking reference code (number)	String (11)

INVOICES REQUEST

The purpose of this request is to get new invoices from InTour Office to external travel system.

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
<InvoicesRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <Conditions>
    <Condition>
      <Duration Begin="2018-04-01" End="2018-04-20">
    </Condition>
  </Conditions>
</InvoicesRequest>
```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<Requestor>	Root element	
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)
<Conditions>	Set of conditions	
<Condition>		
<Duration>	Period in which service should search for invoices	
Begin	Begin date of the period in CCYY-MM-DD format	Date
End	End date of the period in CCYY-MM-DD format	Date

INVOICES RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<InvoicesResponse>
  <Items>
    <Invoice Id="2345" LegalEntityId="1" Code="ZLS_12789" Date="2018-04-19"
      Amount="644.0000" CurrencyCode="EU" CheckInDate="2018-04-10"
      Creator="Ivanov O." State="Actual">
      <Bookings>
        <Booking Amount="644.0000" Code="ES60130002">
          <Services>
            <Service ID="201922" Amount="490.0000" />
            <Service ID="201921" Amount="30.0000" />
            <Service ID="201923" Amount="90.0000" />
            <Service ID="201919" Amount="34.0000" />
          </Services>
        </Booking>
      </Bookings>
    </Invoice>
    <Invoice Id="2346" LegalEntityId="1" Code="ZLS_12790" Date="2018-04-19">
```

```

        Amount="836.8400" CurrencyCode="EU" CheckInDate="2018-04-12"
        Creator="Ivanov O.">
    <Bookings>
        <Booking Amount="836.8400" Code="CZ60920002">
            <Services>
                <Service ID="206510" Amount="634.0000" />
                <Service ID="206509" Amount="36.0000" />
                <Service ID="206514" Amount="36.0000" />
                <Service ID="206512" Amount="53.3400" />
                <Service ID="206513" Amount="40.0000" />
                <Service ID="206511" Amount="37.5000" />
            </Services>
        </Booking>
    </Bookings>
</Invoice>
<Invoice Id="1321" Code="ZLS_11334" State="Cancelled">
</Invoice>

</Items>
</InvoicesResponse>

```

XML message structure description:

Element name	Element description	Data type
<InvoiceResponse>	Root element	
<Items>	Set of the hotel data	
<Invoice>		
Id	Invoice ID	Int32
LegalEntityId	Legal entity ID	Int32
Code	Invoice number	String
Date	Invoice date in CCYY-MM-DD format	Date
Amount	Invoice amount	Decimal
Date	Invoice date in CCYY-MM-DD format	Date
CurrencyCode	Invoice currency code	String (3)
CheckInDate	Minimal check in date by the invoice in CCYY-MM-DD format	Date
Creator	Name of the invoice creator (manager)	String
State	<p>State of the invoice:</p> <ul style="list-style-type: none"> - Actual - actual invoice - Cancelled - cancelled invoice <p>Please note that an item for cancelled invoice will not contain "Booking" data set. If "Invoice" item does not contain "State" field this means the invoice is actual.</p>	String
<Bookings>	Set of the booking data	
<Booking>	Hotel category reference record	
Amount	Booking amount	Decimal
Code	Booking code	String (10)
<Services>	City reference record	
<Service>	City reference record	
Amount	Service amount	Decimal
ID	Service ID from external outgoing system	Int32

HOTEL REQUEST

The purpose of this request is to get a hotel data from InTour Office to external travel system.

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
<HotelRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <Conditions>
    <Condition>
      <Parent InternalID="3" />
    </Condition>
  </Conditions>
</HotelRequest>
```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<HotelRequest>	Root element	
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)
<Conditions>	Set of search conditions	
<Condition>		
<Parent>	Parent for any hotel is a city	
InternalID	City ID in InTour Office database	Int32

HOTEL RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
<HotelResponse>
  <Hotels>
    <Hotel InternalID="1203" Code="AMRES" Name="Amaryllis"
      Email="info@amaryllisresort.com" Phone="+84 62 3719099"
      Fax="+84 62 3719097" HomePage="http://amres.ru" >
      <Parent InternalID="18" Code="PHT" Name="Phan Thiet" Type="City"/>
      <Address>Km 8, Nguyen Dinh Chieu str Phan Thiet City</Address>
      <Category InternalID="3" Code="" Name="4*" Type="HotelCategory"/>
    </Hotel>
  </Hotels>
</HotelResponse>
```

XML message structure description:

Element name	Element description	Data type
<HotelResponse>	Root element	
<Hotels>	Set of the hotel data	
<Hotel>		
Code	Hotel code	String (5)
Email	Hotel e-mail	String (50)
Fax	Hotel fax	String (20)
HomePage	Hotel web site	String (200)
InternalID	Hotel ID in InTour Office database	Int32

Name	Hotel name	String (40)
Phone	Hotel phone(s)	String (50)
<Address>	Hotel post address	String (160)
<Category>	Hotel category reference record	
InternalID	Hotel category ID in InTour Office database	Int32
Name	Hotel category name	String (60)
<Parent>	City reference record	
Code	City code	String (5)
InternalID	City ID in InTour Office database	Int32
Name	City name	String (60)

REFERENCE REQUEST

The purpose of this request is to get a reference data from InTour Office to external travel system.

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
<ReferenceRequest>
  <Requestor Login="ZLS" Password="75A9307073FC5F290D3DAD02A9B1030B578E743D"/>
  <Conditions>
    <Condition Type="City" />
  </Conditions>
</ReferenceRequest>
```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<ReferenceRequest>		
<Requestor>		
Login	Requestor login	String (80)
Password	Encrypted password (algorithm SHA1) in the hex string form	String (80)
<Conditions>	Set of search conditions	
<Condition>		
Type	Type of requested data: - All - AirAliance - AirCompany - Aircraft - AirflightClass - Airport - BookingState - City - Company - Country - Currency - Discount - District - Hotel - HotelCategory - HotelChain - HotelFacility - HotelType - MealType - Partner - PersonPreference - PersonSalutation - Region	

	<ul style="list-style-type: none"> - RoomCategory - RoomType - ServiceType - TourType - User - UserGroup - Vehicle 	
--	---	--

REFERENCE RESPONSE

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
<ReferenceResponse>
  <References>
    <Reference InternalID="17" Code="AYI" Name="Ayinapa" Type="City">
      <Parent InternalID="13" Code="Cyprus" Name="Cyprus" Type="Country" />
    </Reference>
    <Reference InternalID="2" Code="BCN" Name="Barcelona" Type="City">
      <Parent InternalID="1" Code="Spain" Name="Spain" Type="Country" />
    </Reference>
    <Reference InternalID="25" Code="BRN" Name="Brno" Type="City">
      <Parent InternalID="10" Code="Czech Republic" Name="Czech Republic"
        Type="Country" />
    </Reference>
    <Reference InternalID="11" Code="KLV" Name="Karlovy Vary" Type="City">
      <Parent InternalID="10" Code="Czech Republic" Name="Czech Republic"
        Type="Country" />
    </Reference>
    <Reference InternalID="1" Code="LLR" Name="Lloret de Mar" Type="City">
      <Parent InternalID="1" Code="Spain" Name="Spain" Type="Country" />
    </Reference>
  </References>
</ReferenceResponse>
```

XML message structure description:

Element name	Element description	Data type
<ReferenceResponse>	Root element	
<References>	Set of the reference data	
<Reference>		
Code	Reference code	String (80)
InternalID	Reference ID in InTour Office database	Int32
Name	Reference name	String (80)
Type	Type of the reference	
<Parent>	Parent reference record	

ERRORS PROCESSING

If there will be any errors during request processing it is offered to form the response of the following kind.

Example

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```

<HotelPriceResponse>
  <Errors>
    <Error Code="1">
      Short error description
    </Error>
  </Errors>
</HotelPriceResponse>

```

XML message structure description (mandatory elements are marked with bold font):

Element name	Element description	Data type
<Response>	Root element	
<Errors>	Set of errors	
<Error>	Error description	
Code	Error code	Int16

WARNINGS PROCESSING

For messages or warnings transfer (for example warning about absence of the data) it's formed the response of the following kind.

Example

```

<?xml version="1.0" encoding="UTF-8" ?>
<HotelPriceResponse>
  <Warnings>
    <Warning Code="1">
      The message on which it is necessary to pay attention
    </Warning>
  </Warnings>
</HotelPriceResponse>

```

XML message structure description:

Element name	Element description	Data type
<Response>	Root element	
<Warnings>	Set of warnings	
<Warning>	Warning description	
Code	Warning code	Int16