



# **WHEELS CAR RENTAL SYSTEM**

## **XML ON-BOARDING PACKAGE**

Revision Date: 02/10/2024 Version 3.4

## 1. TABLE OF CONTENTS

1.	TABLE OF CONTENTS .....	2
2.	INTRODUCTION .....	3
3.	REVISION HISTORY .....	4
4.	CALLING CONVENTIONS .....	5
5.	NEW PRICE QUOTE .....	6
6.	VALIDATE QUOTE .....	12
7.	NEW RESERVATION .....	16
8.	MODIFY/REVIEW RESERVATION .....	19
9.	CANCEL RESERVATION .....	21
10.	POLL RESERVATION STATUS .....	22
11.	READ RESERVATION DETAILS .....	23
12.	EXPRESS CHECK-OUT .....	28
13.	OPTIONS / INSURANCE .....	32
14.	VEHICLE GROUPS .....	34
15.	RENTAL STATIONS .....	36
16.	OUT OF OFFICE DELIVERY LOCATIONS .....	37
17.	RESERVATION LIST .....	39
18.	RATE-RULES .....	43
19.	STATUS/ ERROR CODES .....	45
20.	SERVICE VERSION .....	46
21.	FIREWALL REQUEST DOCUMENT .....	45
22.	UAT ENVIRONMENT .....	46
23.	PRODUCTION URLS .....	47
24.	SUPPLIER DATA .....	48
25.	HOW TO GET SUPPORT .....	49

## 2. INTRODUCTION

The following document explains how to develop a link between a third-party system or a web site and Wheels Car Rental System. The document contains technical information and is targeted towards system integrators with a good understanding of internet terminology and XML.

This document contains actual examples (in XML/JSON) and the production URLs that you can use to take your solution online.

### 3. REVISION HISTORY

Version	Date	Description
3.4	5/2/2024	Multiple changes to the responses, added new parameters, api now supports JSON formatted responses.
3.1	20/3/2018	API now available in the format @endpoint.io and requires HTTPS TLS 1.2 New attribute Deductible under each car group
3.0.8	26/03/2014	Added support for express check-out for suppliers to send customer details.
3.0.6	04/05/2011	<b>Bug fix:</b> Fixed reservation acceptance when the car group is not supported by the pickup rental location. In this case the system will reply with Error Code : <b>ERR/114</b> ( <a href="#">see new reservation error codes section</a> )
3.0.4	15/02/2011	<p>Added support for extended pickup - dropoff points structure: New optional parameters Pickup_Point, Dropoff_Point were added to the following calls:</p> <ol style="list-style-type: none"> <li>1. New Reservation</li> <li>2. Amend Reservation</li> <li>3. Price Quote</li> </ol> <p>A new call has been added to support this structure: pickup-points</p> <p>Also the documentation has been extended to provide information on as yet undocumented calls: options, stations, groups which are basic calls to get the supported options list, a station list and the vehicle group list.</p> <p>To learn if the target system supports these structures contact customer's IT Department or Invensys Staff</p> <p><b>Bug fix:</b> Price quote will no longer return rates if the one-way route is not supported as this could lead to miscommunication with the new reservation call which would not allow the reservation.</p>
3.0.2	18/11/2010	<p>Standard Replies for new reservation, amend reservation, cancel reservation and poll reservation status has changed format to include both the internal reservation number of the host system and your reference number as sent to the system.</p> <p>Old Reply Format was:  <code>&lt;reservation number="11034" status="OK"&gt;&lt;/reservation&gt;</code>            New Reply format is:  <code>&lt;reservation irn="11034" status="OK" refno="yourreference" &gt;&lt;/reservation&gt;</code></p> <p><b>Note:</b> The link is backwards compatible so all links that were implemented before version 3.0.2 will continue receiving the old reply format. If however you wish to change the reply format to the new one please contact customer's IT department or Invensys Staff.</p>
3.0	20/04/2010	Added Read Reservation functionality to allow reading all the details of a posted reservation

## 4. CALLING CONVENTIONS

Calls made to the system use HTTPS with TLS 1.2 required. Past TLS versions are not supported. Each URL used is in the format:

https://endpoint.wheelsys.io/	<accountno>	/link/v3/	page	?parameters
-------------------------------	-------------	-----------	------	-------------

- Account number, Link code and Agent code are specified on [Section 23 – PRODUCTION URLS](#).
- Link code <code> and Agent code <agent> will be provided together with the Account number <accountno>
- Page is based on the table below
- Parameters differ per every call

Page	Parameters	Description
price-quote_<code>.html	?agent=<agent>&date_from= ...	New Price Quote
new-res_<code>.html	?agent=<agent>&date_from= ...	New Reservation
amend-res_<code>.html	?agent=<agent>&irn=...	Amend Reservation
cancel-res_<code>.html	?agent=<agent>&irn=...	Cancel Reservation
status-res_<code>.html	?agent=<agent>&irn=...	Reservation Status
read-res_<code>.html	?agent=<agent>&irn=...	Read out Reservation
validatequote_<code>.html	?agent=<agent>&cargroup=..&priceid...	Quote Validation
express_<code>.html	?agent=<agent>&irn=...	Express Check Out
options_<code>.html	?agent=<agent>	Extra Options List
stations_<code>.html	?agent=<agent>	Station List
groups_<code>.html	?agent=<agent>	Vehicle Group List
serviceversion_<code>.html	?agent=<agent>	Show running version
locations_<code>.html	?agent=<agent>	Locations List
rate-rules_<code>.html	?agent=<agent>&priceid=...	List of all Rate Rules set
reslist_<code>.html	?agent=<agent>	List of reservations

### Prerequisites

You must have requested your IPs to be whitelisted on our firewall.

## 5. NEW PRICE QUOTE

This interface applies when requesting rates and availability from the system. Rates and availability issue price quote numbers, which have a predefined validity period. If you are dispatching a new reservation and have a quote reference, you must specify it to lock the price quote.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Request Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	**
DATE_FROM	Pickup Date	DD/MM/YYYY	Yes	14/12/2023
TIME_FROM	Pickup Time	HHNN or HH:NN	Yes	1000 or 10:00
DATE_TO	Return Date	DD/MM/YYYY	Yes	16/12/2023
TIME_TO	Return Time	HHNN or HH:NN	Yes	2200 or 22:00
PICKUP_STATION	Pickup Station	<a href="#">&lt;See Stations&gt;</a>	Yes	GR.ATHA01
RETURN_STATION	Return Station	<a href="#">&lt;See Stations&gt;</a>	No	GR.ATHA01
PICKUP_POINT	Named Pickup Point	<a href="#">&lt;See Locations&gt;</a>	No	1566
DROPOFF_POINT	Named Dropoff Point	<a href="#">&lt;See Locations&gt;</a>	No	1566
CDP	Contact code	String	No	TSTCDP
DriverAge	Driver age	Integer	No	30
group	Selected Car Group	<a href="#">&lt;See Groups&gt;</a>	No	C
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/price-quote\\_<code>.html?agent=<agent>&date\\_from=25/11/2023&time\\_from=12:00&date\\_to=29/11/2023&time\\_to=12:00&pick\\_up\\_station=003&return\\_station=003&cdp=<cdp>](https://endpoint.wheelsys.io/<accountno>/link/v3/price-quote_<code>.html?agent=<agent>&date_from=25/11/2023&time_from=12:00&date_to=29/11/2023&time_to=12:00&pick_up_station=003&return_station=003&cdp=<cdp>)

#### Response

```
<pricequote xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" id="d72a661b-2bee-443d-9489-aeeb51a26f88" validto="16/11/2023
09:19" duration="4" countrycode="" taxinclusive="true" currency="EUR" timetaken="30" graceperiod="31" owprepaid="false"
oohprepaid="false" oooprepaid="false" fuelpolicy="SL">
<rates>
<category availability="AVAILABLE" cat="Economy" code="C" acriss="ECMR" imageurl="https://wheels-assets.s3.eu-
central-1.amazonaws.com/10011/fleet/groupPhoto-C.jpg" pax="0" bags="1" doors="2" suitcases="0" model="Mazda
3" totalrate="23747" baserate="23747" onewaycharge="0" ownet="0" outofhours="0" oohnet="0" outofoffice="0" ooonet="0
" excess="60000" excessapplies="true" klmincluded="400" unlimited="false" addklmrate="0" prepaidamount="0" rentalamo
unt="21494" rentalnet="17334" hourscharged="0">
<raterules>
<rule id="2" featured="true">New Rate Rule?</rule>
<rule id="3" featured="true">My Way</rule>
<rule id="4" featured="true">Fire coverage </rule>
</raterules>
<options>
<option code="CBS" rate="0" firstfree="false" inclusive="false" chargetype="E" mandatory="false" calc="D" net="0"/>
<option code="GPS" rate="0" firstfree="false" inclusive="false" chargetype="E" mandatory="false" calc="D" net="0"/>

```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
<option code="CDW" rate="0" firstfree="false" inclusive="true" chargetype="I" mandatory="true" calc="D" exc="60000" net="0"/>
</options>
<taxes tax1code="VAT" tax1rate="2400" tax1amount="4160" tax2code="Mun. Tax" tax2rate="0" tax2amount="0"/>
</category>
</rates>
</pricequote>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/price-quote\\_<code>.html?agent=<agent>&date\\_from=25/11/2023&time\\_from=12:00&date\\_to=29/11/2023&time\\_to=12:00&pick\\_up\\_station=003&return\\_station=003&cdp=<cdp>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/price-quote_<code>.html?agent=<agent>&date_from=25/11/2023&time_from=12:00&date_to=29/11/2023&time_to=12:00&pick_up_station=003&return_station=003&cdp=<cdp>&format=json)

#### Response

```
{
  "Id": "1698661a-11c0-4d01-a852-1b380827e575",
  "ValidToUTC": "16/11/2023 09:26",
  "Duration": 4,
  "CountryCode": "",
  "TaxInclusive": true,
  "CurrencyCode": "EUR",
  "TimeTaken": 35,
  "Brand": null,
  "GracePeriod": 31,
  "OWPrepaid": false,
  "OOHPrepaid": false,
  "OOOPrepaid": false,
  "FuelPolicy": "SL",
  "Rates": [
    {
      "Availability": "AVAILABLE",
      "Rules": [
        {
          "Name": "New Rate Rule?",
          "Id": "2",
          "Featured": true
        },
        {
          "Name": "My Way",
          "Id": "3",
          "Featured": true
        },
        {
          "Name": "Fire coverage ",
          "Id": "4",
          "Featured": true
        }
      ]
    },
    {
      "Category": "Economy",
      "GroupCode": "C",
      "Acriss": "ECMR",
      "ImageUrl": "https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-C.jpg",
      "Pax": 0,
      "Bags": 1,
      "Doors": 2,
      "Suitcases": 0,
    }
  ]
}
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```

"SampleModel": "Mazda 3",
"TotalRate": 23747,
"BaseRate": 23747,
"OneWayCharge": 0,
"OWNet": 0,
"OutOfHours": 0,
"OOHNet": 0,
"OutOfOffice": 0,
"OONet": 0,
"Excess": 60000,
"ExcessApplies": true,
"IncKlm": 400,
"Unlimited": false,
"AddKlmRate": 0,
"VoucherAmount": 0,
"RentalAmount": 21494,
"RentalNet": 17334,
"HoursCharged": 0,
"Options": [
  {
    "Code": "CBS",
    "Rate": 0,
    "FirstFree": false,
    "Inclusive": false,
    "ChargeType": "E",
    "Mandatory": false,
    "calc": "D",
    "net": 0
  }
],
"Taxes": {
  "Tax1Code": "VAT",
  "Tax1Rate": 2400,
  "Tax1Amount": 4160,
  "Tax2Code": "Mun. Tax",
  "Tax2Rate": 0,
  "Tax2Amount": 0
}
},
"RequestParams": null,
"HasHourly": false
}

```

### Response Explanation

Properties	Xml path	Description	Format	Notes/Sample
<b>Id</b>	pricequote/@id	Price Quote Reference Code	36 Chars	Must be used with new reservation for price quote rules to apply
<b>ValidToUTC</b>	pricequote/@validto	Price Quote Expiry Date	DD/MM/YYYY HH:NN	Universal Time
<b>Duration</b>	pricequote/@duration	Requested Rental Duration	Integer	Informational



# WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

<b>CountryCode</b>	pricequote/@countrycode	Country code of Requested Rental	2 chars	ISO Country Code
<b>TaxInclusive</b>	pricequote/@taxinclusive	Quote Rates include taxes	Boolean (true-false)	Informational
<b>CurrencyCode</b>	pricequote/@currency	Quote Rates Currency	3 chars	ISO Currency Code
<b>TimeTaken</b>	pricequote/@timetaken	Price quote time taken for results	Integer	Milliseconds
<b>Brand</b>	pricequote/@brand	Vendor brand for specific quote	string	Informational
<b>GracePeriod</b>	pricequote/@graceperiod	Time limit for not charge extra day	Integer	Minutes
<b>OWPrepaid</b>	pricequote/@owprepaid	Oneway is prepaid	Boolean (true-false)	Informational
<b>OOHPrepaid</b>	pricequote/@oohprepaid	Out of Hours is prepaid	Boolean (true-false)	Informational
<b>OOOPrepaid</b>	pricequote/@oooprepaid	Delivery/Collection is prepaid	Boolean (true-false)	Informational
<b>FuelPolicy</b>	pricequote/@fuelpolicy	Type of Fuel Policy	2 chars	SL=SameLevel FF = FulltoFull FE=FulltoEmpty FH= Full to Half
<b>Rates</b>	pricequote/rates/category			
<b>-Availability</b>	/@availability	Group Availability	"AVAILABLE", "ONREQUEST"	Groups on stop sell are not returned
<b>-Category</b>	/@cat	Group Category	text	The vehicle group category
<b>-GroupCode</b>	/@code	Group Code <a href="#">&lt;see Groups&gt;</a>	Up to 5 chars	The vehicle group code
<b>-Acriss</b>	/@acriss	Acriss code (SIPP)	Up to 4 chars	The vehicle acriss code
<b>-ImageUrl</b>	/@imageurl	Url for group	text	Url of location where image of group is saved
<b>-Pax</b>	/@pax	Number of passengers	Integer	Informational
<b>-Bags</b>	/@bags	Estimated number of small luggage	Integer	Informational
<b>-Doors</b>	/@doors	Number of Doors	Integer	Informational
<b>-Suitcases</b>	/@suitcases	Number of suitcases that can be fitted	Integer	Informational
<b>-SampleModel</b>	/@model	Sample model name	text	Informational
<b>-TotalRate</b>	/@totalrate	Combined time and mileage plus transport and out of hours rates	Integer	***
<b>-BaseRate</b>	/@baserate	TMI or prepaid amount (depreciated: for TM see RentalAmount, for prepaid amount see VoucherAmount)	Integer	***

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

<b>-OneWayCharge</b>	/@onewaycharge	One way rental surcharge	Integer	***
<b>-OWNet</b>	/@ownet	One way rental surcharge(net)	Integer	
<b>-OutOfHours</b>	/@outofhours	Out of hours pickup / collection surcharge	Integer	***
<b>-OOHNet</b>	/@oohnet	Out of hours pickup / collection surcharge(net)	Integer	***
<b>-OutOfOffice</b>	/@outofoffice	Out of office pickup / collection surcharge	Integer	***
<b>-OOONet</b>	/@ooonet	Out of office pickup / collection surcharge (net)	Integer	***
<b>-Excess</b>	/@excess	Insurance deductible amount	Integer	***
<b>-ExcessApplies</b>	/@excessapplies	Insurance excess applies	Boolean (true-false)	Informational
<b>-IncKlm</b>	/@klmincluded	Number of km included in rental	Integer	Informational
<b>-Unlimited</b>	/@unlimited	Unlimited km applies	Boolean (true-false)	Informational
<b>-AddKlmRate</b>	/@addklmrate	Additional km surcharge	Integer	***
<b>-VoucherAmount</b>	/@prepaidamount	Prepaid Amount surcharge	Integer	***
<b>-RentalAmount</b>	/@rentalamount	Total amount of Rental	Integer	***
<b>-RentalNet</b>	/@rentalnet	Total amount of Rental(net)	Integer	***
<b>-HoursCharged</b>	/@hourscharged	Hours charged on hour based Rental	Integer	Informational
<b>-Options</b>	rates/category/options			
<b>-Code</b>	/@code	Option code	Up to 5 chars	GPS
<b>-Rate</b>	/@rate	Total rate for this option	Integer	***
<b>-FirstFree</b>	/@firstfree	Indication on whether the first item is given with no charge	Boolean (true-false)	Informational
<b>-Inclusive</b>	/@inclusive	If the option is included in the Rental	Boolean (true-false)	Informational
<b>-ChargeType</b>	/@chargetype	The Category of the options surcharges	1 char	I=Insurance E=Extras S = Surcharges
<b>-Mandatory</b>	/@mandatory	Indication if the option is mandatory	Boolean (true-false)	Informational
<b>-calc</b>	/@calc	Type of Calculation mode	1 char	R= Rental D= Duration P= Percentage
<b>-exc</b>	/@exc	Insurance deductible amount	Integer	***

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

-net	/@net	Option surcharge(net)	Integer	***
-Taxes	rates/category/taxes			
-Tax1Code	/@tax1code	Type of taxation code	text	i.e: VAT
-Tax1Rate	/@tax1rate	The rate of tax applied	Integer	***
-Tax1Amount	/@tax1amount	Total amount of tax charges	Integer	***
-Tax2Code	/@tax2code	Type of taxation code	text	i.e: Mun. Tax
-Tax2Rate	/@tax2rate	The rate of tax applied	Integer	***
-Tax2Amount	/@tax2amount	Total amount of tax charges	Integer	***
-Rules	rates/category /raterules			
-Name	/rule	Name of the Rule	text	
-Id	/@id	Id of the Rule	Integer	
-Featured	/@featured	Indication if it is featured or not.	Boolean (true-false)	Informational

### Response codes

[See Status/Error codes section](#)

\*\*\* All rates are provided as **integers** with **no decimal representation** two significant decimal digits apply. This is done to avoid decimal separator misinterpretation. **All rates must be divided by 100.**

## 6. VALIDATE QUOTE

This interface applies when you want to check if a price quote we had received from a New Price Quote is still valid. Additionally you can retrieve the details of the Quote with the use of the parameter : returnquote=y.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Request Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	**
CARGROUP	Selected Car Group	<a href="#">&lt;See Groups&gt;</a>	Yes	C
PRICEID	Price Quote Reference code	36 chars	Yes	539e7307-a14b-48e6-812e-d6a78226ec46
RETURNQUOTE	Optional parameter to show details of price quote.	1 char	No	Values : y or n
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote\\_<code>.html?agent=<agent>&cargroup=C&priceid=539e7307-a14b-48e6-812e-d6a78226ec46](https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote_<code>.html?agent=<agent>&cargroup=C&priceid=539e7307-a14b-48e6-812e-d6a78226ec46)

#### Response

```
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Status>OK</Status>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote\\_<code>.html?agent=<agent>&cargroup=C&priceid=539e7307-a14b-48e6-812e-d6a78226ec46&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote_<code>.html?agent=<agent>&cargroup=C&priceid=539e7307-a14b-48e6-812e-d6a78226ec46&format=json)

#### Response

```
{"Success":true,
"Message":null,
"Status":"OK"}
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

### Response Explanation

Properties	Xml path	Description	Format	Notes/Sample
Success	response	Success Status of call	Boolean (true-false)	True/False
<Message>	<Message>	If call fails then then the error message appears	text	Informational
Status	response/Status	The Status of the Result	text	OK or error code
RetQuote	response/RetQuote	Optional the pricequote that is specified in the request (Rates are limited to the called group)	object (PriceQuote)	Will not be returned if returnquote is not specified in the request

If returnquote parameter is specified as "y" the call has the following format

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote \\_<code>.html?agent=<agent>&cargroup=C&returnquote=y&priceid=539e7307-a14b-48e6-812e-d6a78226ec46](https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote _<code>.html?agent=<agent>&cargroup=C&returnquote=y&priceid=539e7307-a14b-48e6-812e-d6a78226ec46)

#### Response

<Status>OK</Status>

```
<RetQuote xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" id="539e7307-a14b-48e6-812e-d6a78226ec46 " validto="16/11/2023
09:19" duration="4" taxinclusive="true" currency="EUR" timetaken="30" graceperiod="31" owprepaid="false" oohprepaid="f
alse" oooprepaid="false" fuelpolicy="SL">
<rates>
<category availability="AVAILABLE" cat="Economy" code="C" acriss="ECMR" imageurl="https://wheels-assets.s3.eu-
central-1.amazonaws.com/10011/fleet/groupPhoto-C.jpg" pax="0" bags="1" doors="2" suitcases="0" model="Mazda
3" totalrate="23747" baserate="23747" onewaycharge="0" ownet="0" outofhours="0" oohnet="0" outofoffice="0" ooonet="0
" excess="60000" excessapplies="true" klmincluded="400" unlimited="false" addklmrate="0" prepaidamount="0" rentalamo
unt="21494" rentalnet="17334" hourscharged="0">
<raterules/>
<options>
<option code="CBS" rate="0" firstfree="false" inclusive="false" chargetype="E" mandatory="false" calc="D" net="0"/>
<option code="GPS" rate="0" firstfree="false" inclusive="false" chargetype="E" mandatory="false" calc="D" net="0"/>
<option code="CDW" rate="0" firstfree="false" inclusive="true" chargetype="I" mandatory="true" calc="D" exc="60000" net="
0"/>
</options>
<taxes tax1code="VAT" tax1rate="2400" tax1amount="4160" tax2code="Mun. Tax" tax2rate="0" tax2amount="0"/>
</category>
</rates>
</Retquote>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote \\_<code>.html?agent=<agent>&cargroup=C&returnquote=y&priceid=539e7307-a14b-48e6-812e-d6a78226ec46&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/validatequote _<code>.html?agent=<agent>&cargroup=C&returnquote=y&priceid=539e7307-a14b-48e6-812e-d6a78226ec46&format=json)

#### Response

```
{
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
"Success": true,
"Message": null,
"Status": "OK",
"RetQuote": {
  "Id": null,
  "ValidToUTC": "16/11/2023 09:26",
  "Duration": 4,
  "CountryCode": null,
  "TaxInclusive": true,
  "CurrencyCode": "EUR",
  "TimeTaken": 35,
  "Brand": null,
  "GracePeriod": 31,
  "OWPrepaid": false,
  "OOHPrepaid": false,
  "OOOPrepaid": false,
  "FuelPolicy": "SL",
  "Rates": [
    {
      "Availability": "AVAILABLE",
      "Rules": [],
      "Category": "Economy",
      "GroupCode": "C",
      "Acriss": "ECMR",
      "ImageUrl": "https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-C.jpg",
      "Pax": 0,
      "Bags": 1,
      "Doors": 2,
      "Suitcases": 0,
      "SampleModel": "Mazda 3",
      "TotalRate": 23747,
      "BaseRate": 23747,
      "OneWayCharge": 0,
      "OWNet": 0,
      "OutOfHours": 0,
      "OOHNet": 0,
      "OutOfOffice": 0,
      "OONet": 0,
      "Excess": 60000,
      "ExcessApplies": true,
      "IncKlm": 400,
      "Unlimited": false,
      "AddKlmRate": 0,
      "VoucherAmount": 0,
      "RentalAmount": 21494,
      "RentalNet": 17334,
      "HoursCharged": 0,
      "Options": [
        {
          "Code": "CBS",
          "Rate": 0,
          "FirstFree": false,
          "Inclusive": false,
          "ChargeType": "E",
          "Mandatory": false,
          "calc": "D",
          "net": 0
        }
      ],
      "Taxes": {
        "Tax1Code": "VAT",
        "Tax1Rate": 2400,
        "Tax1Amount": 4160,
        "Tax2Code": "Mun. Tax",
        "Tax2Rate": 0,

```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```

        "Tax2Amount": 0
    }
},
"RequestParams": {
    "LinkCode": null,
    "AgentCode": null,
    "DateFrom": "2024-03-15T12:00:00",
    "DateTo": "2024-03-18T12:00:00",
    "PickupStation": "032",
    "ReturnStation": "032",
    "PickupPoint": null,
    "DropOffPoint": null,
    "CDP": null,
    "DriverAge": 0,
    "Irn": null,
    "CarGroup": "C"
},
"HasHourly": false
}

```

### Response Explanation

Properties	Xml path	Description	Format	Notes/Sample
<b>Success</b>	response	Success Status of call	Boolean (true-false)	True/False
<b>&lt;Message&gt;</b>	<Message>	If call fails then the error message appears	text	Informational
Status	response/Status	The Status of the Result	text	OK or error code
<b>RetQuote</b>	response/RetQuote			
<b>-Id</b>	/@id	Price Quote Reference Code	36 Chars	The price id taken from price quote
<a href="#">See Response explanation from the Price quote above for rest data</a>				
<b>RequestParams</b>	response/RetQuote/RequestParams			
<b>- LinkCode</b>	/@linkcode	Company's Unique Code	Up to 10 Chars	
<b>- AgentCode</b>	/@agentcode	Agent code	Up to 10 Chars	
<b>- DateFrom</b>	/@datefrom	Pickup Date	yyyy-MM-dd HH:mm:ss	2023-11-25T12:00:00
<b>- DateTo</b>	/@dateto	Return Date	yyyy-MM-dd HH:mm:ss	2023-11-29T12:00:00
<b>- PickupStation</b>	/@pickupstation	Pickup Station	<a href="#">&lt;See Stations&gt;</a>	032
<b>- ReturnStation</b>	/@returnstation	Return Station	<a href="#">&lt;See Stations&gt;</a>	032
<b>- PickupPoint</b>	/@pickuppoint	Named Pickup Point	<a href="#">&lt;See Locations&gt;</a>	null
<b>- DropOffPoint</b>	/@dropoffpoint	Named Dropoff Point	<a href="#">&lt;See Locations&gt;</a>	null
<b>- CDP</b>	/@cdp	Contract code	String	TSTCDP
<b>- DriverAge</b>	/@driverage	Age of driver	Integer	
<b>- Irn</b>	/@irn	Reservation number	No	
<b>- CarGroup</b>	/@cargroup	Car group of reservation	<a href="#">&lt;See Groups&gt;</a>	C
<b>HasHourly</b>	response/RetQuote/@hashourly	Has Hourly charges	Boolean (true-false)	Informational

### Response codes

[See Status/Error codes section](#)

## 7. NEW RESERVATION

### Prerequisites

1. The confirmation number you will send must be unique
2. If you apply the quoteref parameter (recommended), then the quote must not be expired (it can be checked with the [Validatequote](#) call).
3. The quoteref cannot be used more than once
4. If using the quoteref, Date, Time, Locations, Agent and CDP must be identical to the quote

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Request Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	**
DATE_FROM	Pickup Date	DD/MM/YYYY	Yes	14/12/2018
TIME_FROM	Pickup Time	HHNN or HH:NN	Yes	1000 or 10:00
DATE_TO	Return Date	DD/MM/YYYY	Yes	16/12/2018
TIME_TO	Return Time	HHNN or HH:NN	Yes	2200 or 22:00
PICKUP_STATION	Pickup Station	<a href="#">&lt;See Stations&gt;</a>	Yes	GR.ATHA01
RETURN_STATION	Return Station	<a href="#">&lt;See Stations&gt;</a>	No	GR.ATHA01
PICKUP_INFO	Flight No / Hotel	Up to 50 Chars	No	Hotel Grand..
RETURN_INFO	If outside the office	Up to 50 Chars	No	Hotel Grand..
GROUP	Group	<a href="#">&lt;See Groups&gt;</a>	Yes	A
CUSTOMER_NAME	Customer's Full Name	Up to 50 Chars	No	Deprecated use the first and last name fields
CUSTFIRST_NAME	Customer's First Name	Up to 30 Chars	Yes	John
CUSTLAST_NAME	Customer's Last Name	Up to 25 Chars	Yes	Smith
CUSTOMER_EMAIL	Customer's Email	Up to 100 Chars	No	vdev@inv....
CUSTOMER_PHONE	Customer's Telephone	Up to 25 Chars	No	+30.210...
VOUCHERNO	Your Reference Number	Up to 25 Chars	Yes	ATH93489348
QUOTEREF	Your Price Quote ID	Up to 40 Chars	No	***
PICKUP_POINT	Named Pickup Point	<a href="#">&lt;See Locations&gt;</a>	No	Hotel name
DROPOFF_POINT	Named Dropoff Point	<a href="#">&lt;See Locations&gt;</a>	No	Hotel name
PICKUP_POINT_CODE	Pickup Point Code	<a href="#">&lt;See Locations&gt;</a>	No	1566
DROPOFF_POINT_CODE	Dropoff Point Code	<a href="#">&lt;See Locations&gt;</a>	No	1566
CDP	Contract code	String	No	TSTCDP
DRIVERAGE	The age of the driver	Integer	No	30
REMARKS	General Remarks	Up to 500 Chars	No	...
CUSTADDRESS	Customer address street	Up to 80 Chars	No	Palaiokastou 1
CUSTTOWN	Customer address town city	Up to 20 Chars	No	Heraklion
CUSTZIP	Customer address postcode	Up to 15 Chars	No	71307
CUSTCOUNTRY	Customer address country	Up to 2 Chars	No	GR
CUSTMOBILE	Customer mobile number	Up to 25 Chars	No	694566654
CUSTLICENSE	Customer License number	Up to 30 Chars	No	546554



## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

<b>CUSTIDNO</b>	Customer Identity number	Up to 20 Chars	No	457345454
<b>DOB</b>	Customer date of birth	DD/MM/YYYY	No	15/03/1976
<b>LTYNO</b>	Loyalty Card Number	Up to 20 Chars	No	121324
<b>LTYCD</b>	Loyalty code	Up to 3 Chars	No	oa
<b>DRVTAXID</b>	Driver Tax ID	Up to 18 Chars	No	457345454
<b>DRVCSEM</b>	Consent to receive emails	1 char	No	1
<b>DRVCSSM</b>	Consent to receive sms	1 char	No	1
<b>INVNAME</b>	Name for issue invoice	Up to 55 Chars	No	John smith
<b>INVTAXNO</b>	Tax No for issue invoice	Up to 18 Chars	No	453355447
<b>INVEMAIL</b>	Email for issue invoice	Up to 100 Chars	No	lal@gmail.com
<b>INVPHONE</b>	Phone for issue invoice	Up to 25 Chars	No	694566654
<b>FORMAT</b>	Format type	4 Chars	No	JSON if you want response in json
<b>OPTION CODE</b>	<a href="#">&lt;See Options&gt;</a>	Amt, Integer	No	1
Used only for additional insurance/options. For example BBS=1 if you want to supply a Baby Seat or GPS=1 if you want add Navigation system in the reservation.				

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/new-res\\_<code>.html?agent=<agent>&date\\_from=25/11/2023&time\\_from=12:00&date\\_to=29/11/2023&time\\_to=12:00&pickup\\_station=032&return\\_station=032&cdp=<cdp>&group=C&customer\\_name=test&voucherno=12341234&&BBS=1&GPS=1&quoteref=5c5757fa-c9fd-4f82-b073-07a22fe91464](https://endpoint.wheelsys.io/<accountno>/link/v3/new-res_<code>.html?agent=<agent>&date_from=25/11/2023&time_from=12:00&date_to=29/11/2023&time_to=12:00&pickup_station=032&return_station=032&cdp=<cdp>&group=C&customer_name=test&voucherno=12341234&&BBS=1&GPS=1&quoteref=5c5757fa-c9fd-4f82-b073-07a22fe91464)

#### Response

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

```
<response>
  <reservation irn="<reservationNo>" status="OK" refno="<yourreference>" bookedgroup="<thebookedgroup>"
  checkouturl="https://express.wheelsys.dev/10011/3QW187/test/20231215/"
  "></reservation>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/new-res\\_<code>.html?agent=<agent>&date\\_from=25/11/2023&time\\_from=12:00&date\\_to=29/11/2023&time\\_to=12:00&pickup\\_station=032&return\\_station=032&cdp=<cdp>&group=C&customer\\_name=test&voucherno=12341234&quoteref=5c5757fa-c9fd-4f82-b073-07a22fe91464&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/new-res_<code>.html?agent=<agent>&date_from=25/11/2023&time_from=12:00&date_to=29/11/2023&time_to=12:00&pickup_station=032&return_station=032&cdp=<cdp>&group=C&customer_name=test&voucherno=12341234&quoteref=5c5757fa-c9fd-4f82-b073-07a22fe91464&format=json)

#### Response

```
{
  "Reservation":{
    "Irn":"3QW187",
    "Status":"OK",
    "RefNo":"11111111",
    "BookedGroup":"C",
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
"ResStatus": "RES",  
"CheckoutUrl": https://express.wheelsys.dev/10011/3QW187/test/20231215/  
}  
}
```

### Response Explanation

Properties	XML path	Description	Format	Notes/Sample
<b>Reservation</b>	response/reservation			
-Irn	/@irn	Reservation/Request number	Text	<reservationNo>
-Status	/@status	<a href="#">&lt;See status codes&gt;</a>	Text	OK or ERR code
-RefNo	/@refno	Your reference number	Text	<referenceNo>
-BookedGroup	/@group	The group that is booked	Text	C
-ResStatus	/@restatus	The Status of the Reservation	Text	RES, REQ
-CheckoutUrl	/@checkouturl	The link for the Express checkout procedure before arriving to the counter.	Text	<a href="https://express...">https://express...</a>

### Response codes

[See Status/Error codes section](#)

## 8. MODIFY/REVIEW RESERVATION

### Prerequisites

1. There must be a confirmed reservation or request under your XML account in the system
2. The reservation must not be cancelled
3. Rental must not be already executed

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
REFNO	Your Reference Number	Max 15 chars	Yes*	<referenceNo>
IRN	Reservation Number	Text	Yes*	<reservationNo>
.....				

[Rest parameters same as on the New Reservation](#)

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/amend-res\\_<code>.html?agent=<agent>&date\\_from=25/11/2023&time\\_from=12:00&date\\_to=29/11/2023&time\\_to=12:00&pickup\\_station=032&return\\_station=032&cdp=<cdp>&irn=<reservationNo>&group=C&customer\\_name=test&voucherno=12341234&quoteref=5c5757fa-c9fd-4f82-b073-07a22fe91464](https://endpoint.wheelsys.io/<accountno>/link/v3/amend-res_<code>.html?agent=<agent>&date_from=25/11/2023&time_from=12:00&date_to=29/11/2023&time_to=12:00&pickup_station=032&return_station=032&cdp=<cdp>&irn=<reservationNo>&group=C&customer_name=test&voucherno=12341234&quoteref=5c5757fa-c9fd-4f82-b073-07a22fe91464)

### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response>
  <reservation irn="<reservationNo>" status="OK" refno="<yourreference>" bookedgroup="<thebookedgroup>"
  checkouturl="https://express.wheelsys.dev/10011/3QW187/test/20231215/
"></reservation>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/amend-res\\_<code>.html?agent=<agent>&date\\_from=25/11/2023&time\\_from=12:00&date\\_to=29/11/2023&time\\_to=12:00&pickup\\_station=032&return\\_station=032](https://endpoint.wheelsys.io/<accountno>/link/v3/amend-res_<code>.html?agent=<agent>&date_from=25/11/2023&time_from=12:00&date_to=29/11/2023&time_to=12:00&pickup_station=032&return_station=032)

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

2&cdp=<cdp>>&irn=<reservationNo>&group=C&customer\_name=test&voucherno=12341234&quoteref=5c5757fa-c9fd-4f82-b073-07a22fe91464&format=json

### Response

```
{
  "Reservation":{
    "Irn":"3QW187",
    "Status":"OK",
    "RefNo":"11111111",
    "BookedGroup":"C",
    "ResStatus":"RES",
    "CheckoutUrl":https://express.wheelsys.dev/10011/3QW187/test/20231215/
  }
}
```

### Response Explanation

[See same explanation as on the New Reservation](#)

### Response codes

[See Status/Error codes section](#)

## 9. CANCEL RESERVATION

### Prerequisites

1. There must be a confirmed reservation or request under your XML account in the system
2. The reservation must not already be cancelled and Rental must be not already executed

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
REFNO	Your Reference Number	Max 15 chars	No	<referenceNo>
IRN	Reservation Number	Text	Yes*	<reservationNo>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/cancel-res\\_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>](https://endpoint.wheelsys.io/<accountno>/link/v3/cancel-res_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>)

#### Response

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

```
<response>
  <reservation irn="3QW187" status="OK" res-status="CNC" ></reservation>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/cancel-res\\_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/cancel-res_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>&format=json)

#### Response

```
{
  "Reservation": {
    "Irn": "3QW187",
    "Status": "CNC",
    "RefNo": "11111111",
    "BookedGroup": "C",
    "ResStatus": null,
    "CheckoutUrl": null
  }
}
```

### Response Explanation

[See same explanation as on the New Reservation](#)

### Response codes

[See Status/Error codes section](#)

## 10. POLL RESERVATION STATUS

### Prerequisites

1. There must be a confirmed reservation or request under your XML account in the system

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
<b>AGENT</b>	Company's Unique Code	Up to 10 Chars	Yes	<agent>
<b>REFNO</b>	Your Reference Number	Max 15 chars	Yes*	<referenceNo>
<b>IRN</b>	Reservation Number	Text	Yes*	<reservationNo>
<b>FORMAT</b>	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/status-res\\_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>](https://endpoint.wheelsys.io/<accountno>/link/v3/status-res_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response>
  <reservation irn="3QW187" status="CNC" refno="111111" group="C" ></reservation>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/status-res\\_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/status-res_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>&format=json)

#### Response

```
{
  "Reservation": {
    "Irn": "3QW187",
    "Status": "CNC",
    "RefNo": "111111",
    "ResStatus": "CNC",
    "BookedGroup": "C"
  }
}
```

### Response Explanation

[See the same explanation as on the New Reservation](#)

### Response codes

[See Status/Error codes section](#)

## 11. READ RESERVATION DETAILS

### Prerequisites

1. There must be a confirmed reservation or request under your XML account in the system

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
REFNO	Your Reference Number	Max 15 chars	Yes*	<reservationNo>
IRN	Reservation Number	Text	Yes*	<referenceNo>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/read-res\\_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>](https://endpoint.wheelsys.io/<accountno>/link/v3/read-res_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<reservation xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <res_header>
    <irn>3QW187</irn>
    <bookdate>20/11/2023</bookdate>
    <revision>2</revision>
    <refno>11111111</refno>
    <status>CNC</status>
    <currency>EUR</currency>
    <checkouturl>https://express.wheelsys.dev/10011/3QW187/test/20231215/</checkouturl>
    <countrycode>CY</countrycode>
  </res_header>
  <res_data klmincluded="300" unlimited="false" addklmrte="0" prepaidamount="0" rentalamount="14820" rentalnet="11931" excess="60000" depositamount="0" excessapplies="true">
    <date_from>15/12/2023</date_from>
    <time_from>12:00</time_from>
    <date_to>18/12/2023</date_to>
    <time_to>12:00</time_to>
    <pickup_station>032</pickup_station>
    <return_station>032</return_station>
    <group>C</group>
    <duration>3</duration>
    <totalrate>14820</totalrate>
    <baserate>14820</baserate>
    <outofhours>0</outofhours>
    <OOHNet>0</OOHNet>
  </res_data>
</reservation>
```

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## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
<delivery>0</delivery>
<OONet>0</OONet >
<oneway>0</oneway>
<OWNet>0</OWNet >
<pickup_info/>
<return_info/>
<customer_name> test</customer_name>
<customer_firstname/>
<customer_lastname>test</customer_lastname>
<customer_email/>
<customer_phone/>
<owprepaid>>false</owprepaid>
<oohprepaid>>false</oohprepaid>
<ooprepaid>>false</ooprepaid>
<platen>Veh.Reg</platen>
<options>
<OptCharge code="CDW" rate="0" firstfree="false" inclusive="true" chargetype="I" mandatory="false" calc="D" net="0" selected="1"/>
<OptCharge code="TP" rate="0" firstfree="false" inclusive="true" chargetype="I" mandatory="false" calc="D" net="0" selected="1"/>
</options>
<GroupInfo code="C" model="Mazda 3" imageUrl="https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-C.jpg" sipcode="ECMR" bags="1" doors="2" cat="Economy"/>
</res_data>
</reservation>
```

## JSON format

### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/read-res\\_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/read-res_<code>.html?agent=<agent>&irn=<reservationNo>&refno=<referenceNo>&format=json)

### Response

```
{
  "ResHeader":
  {
    "Irn": "3QW187",
    "ResDate": "20/11/2023",
    "Revision": 2,
    "RefNo": "11111111",
    "Status": "CNC",
    "CurrencyCode": "EUR",
    "CheckoutUrl": "https://express.wheelsys.dev/10011/3QW187/test/20231215/",
    "CountryCode": "CY"
  },
  "ResData":
  {
    "DateFrom": "15/12/2023",
    "TimeFrom": "12:00",
    "DateTo": "18/12/2023",
    "TimeTo": "12:00",
    "StationFrom": "032",
    "StationTo": "032",
    "Group": "C",
    "Duration": 3,
    "Total": 14820,
    "BaseRate": 14820,
    "OutOfHours": 0,
  }
}
```



## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
"OOHNet":0,
"Delivery":0,
"OOONet":0,
"OneWay":0,
"OWNet":0,
"PickupInfo": "",
"ReturnInfo": "",
"CustomerName": "test",
"CustomerFirstName": "",
"CustomerLastName": "test",
"CustomerEmail": "",
"CustomerPhone": "",
"OWPrepaid": false,
"OOHPrepaid": false,
"OOOPrepaid": false,
"PlateNo": "Veh.Reg",
"IncKlm": 300,
"Unlimited": false,
"AddKlmRate": 0,
"VoucherAmount": 0,
"RentalAmount": 14820,
"RentalNet": 11931,
"Excess": 60000,
"Deposit": 0,
"ExcessApplies": true,
"Options": [
  {
    "Qty": 1,
    "Code": "CDW",
    "Rate": 0,
    "FirstFree": false,
    "Inclusive": true,
    "ChargeType": "I",
    "Mandatory": false,
    "calc": "D",
    "net": 0
  },
  {
    "Qty": 1,
    "Code": "TP",
    "Rate": 0,
    "FirstFree": false,
    "Inclusive": true,
    "ChargeType": "I",
    "Mandatory": false,
    "calc": "D",
    "net": 0
  }
],
"GroupInfo": {
  "Code": "C",
  "Name": "Mazda 3",
  "ImageUrl": "https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-C.jpg",
  "SippCode": "ECMR",
  "Bags": 1,
  "Doors": 2,
  "Category": "Economy"
}
```

## Response Explanation

Properties	XML path	Description	Format	Notes/Sample
<b>ResHeader</b>	reservation/res_header			
- Irn	/@irn	Reservation Number	Text	3QW187
- ResDate	/@bookdate	The Date Reservation was created	DD/MM/YYYY	20/11/2023
- Revision	/@revision	The number of versions of reservation(times that any changes occurred)	Integer	2
- RefNo	/@refno	Your Reference Number	Max 15 chars	4342423
- Status	/@status	The current status of reservation	Text	CNC
- CurrencyCode	/@currency	The currency code	3 chars	EUR
- CheckoutUrl	/@checkouturl	The link to be followed for checkout	Text	https://express.. ..
- CountryCode	/@countrycode	The country of location where reservation made.	2 chars	CY
<b>ResData</b>	reservation/res_data			
- DateFrom	/@date_from	Pickup Date	DD/MM/YYYY	14/12/2023
- TimeFrom	/@time_from	Pickup Time	HHNN or HH:NN	1000 or 10:00
- DateTo	/@date_to	Return Date	DD/MM/YYYY	16/12/2023
- TimeTo	/@time_to	Return Time	HHNN or HH:NN	2200 or 22:00
- StationFrom	/@pickup_station	Pickup Station	<a href="#">&lt;See Stations&gt;</a>	GR.ATHA01
- StationTo	/@return_station	Return Station	<a href="#">&lt;See Stations&gt;</a>	GR.ATHA01
- Group	/@group	Group of reservation	<a href="#">&lt;See Groups&gt;</a>	A
- Duration	/@duration	Duration of reservation	Integer	3 (days)
- Total	/@totalrate	Total Amount of reservation	Integer	***
- BaseRate	/@baserate	TMI or prepaid amount (depreciated: for TM see RentalAmount, for prepaid amount see VoucherAmount)	Integer	***

# WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

- OutOfHours	/@outofhours	Out of hours pickup / collection surcharge	Integer	***
-OOHNet	/@oohnet	Out of hours pickup / collection surcharge(net)	Integer	***
- Delivery	/@Delivery	Out of office pickup / collection surcharge	Integer	***
-OOONet	/@ooonet	Out of office pickup / collection surcharge (net)	Integer	***
- OneWay	/@oneway	One way rental surcharge	Integer	***
-OWNet	/@ownet	One way rental surcharge(net)	Integer	
- PickupInfo	/@pickup_info	Flight No / Hotel	Up to 50 Chars	AE5453
- ReturnInfo	/@return_info	If outside the office	Up to 50 Chars	Grand hotel
- CustomerName	/@customer_name	Customer Full name	Up to 50 Chars	Vassilis Dev
- CustomerFirstName	/@customer_firstname	Customer first name	Up to 50 Chars	Vassilis
- CustomerLastName	/@customer_lastname	Customer surname	Up to 100 Chars	Dev
- CustomerEmail	/@customer_email	Customer email	Up to 100 Chars	vdev@wheel..
- CustomerPhone	/@customer_phone	Customer phone number	Up to 25 Chars	693434344646
- OWPrepaid	/@owprepaid	Oneway prepaid or not	Boolean (true-false)	Informational
- OOHPrepaid	/@oohprepaid	OutOfHours prepaid or not	Boolean (true-false)	Informational
- OOPPrepaid	/@oopprepaid	Delivery/Collection is prepaid or not	Boolean (true-false)	Informational
-FuelPolicy	/@fuelpolicy	Type of Fuel Policy	2 chars	SL=SameLevel FF = FulltoFull FE=FulltoEmpty FH= Full to Half
- Plateno	/@plateno	Registration number of vehicle shown only for Rentals.	Up to 50 Chars	ie: Veh.Reg
- IncKlm	/@klmincluded	Included km in booking	Integer	i.e :300
- Unlimited	/@unlimited	Unlimited km applies	Boolean (true-false)	Informational
- AddKlmRate	/@addklmrate	Additional km surcharge	Integer	***

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

- <b>VoucherAmount</b>	/@prepaidamount	Prepaid Amount surcharge	Integer	***
- <b>RentalAmount</b>	/@rentalamount	Total amount of Rental	Integer	***
- <b>RentalNet</b>	/@rentalnet	Total amount of Rental (Net)	Integer	***
- <b>Excess</b>	/@excess	Amount of Excess (Deductible)	Integer	***
- <b>Deposit</b>	/@depositamount	Deposit Amount surcharge	Integer	***
- <b>ExcessApplies</b>	/@excessapplies	Excess applies or not	Boolean (true-false)	Informational
<b>Options</b>	reservation/res_data/options/ OptCharge			
- <b>Qty</b>	/@selected	Quantity of Extra	Integer	2
- <b>Code</b>	/@code	Option code	Up to 5 chars	GPS
- <b>Rate</b>	/@rate	Total rate for this option	Integer	***
- <b>FirstFree</b>	/@firstfree	Indication on whether the first item is given with no charge	Boolean (true-false)	Informational
- <b>Inclusive</b>	/@inclusive	If the option is included in the Rental	Boolean (true-false)	Informational
- <b>ChargeType</b>	/@chargetype	The Category of the options surcharges	1 char	I=Insurance E=Extras S = Surcharges
- <b>Mandatory</b>	/@mandatory	Indication if the option is mandatory	Boolean (true-false)	Informational
- <b>calc</b>	/@calc	Type of Calculation mode	1 char	R= Rental D= Duration P= Percentage
- <b>net</b>	/@net	Option surcharge(net)	Integer	***
<b>Taxes</b>	reservation/res_data/taxes			
- <b>Tax1Code</b>	/@tax1code	Type of taxation code	text	i.e: VAT
- <b>Tax1Rate</b>	/@tax1rate	The rate of tax applied	Integer	***
- <b>Tax1Amount</b>	/@tax1amount	Total amount of tax charges	Integer	***
- <b>Tax2Code</b>	/@tax2code	Type of taxation code	text	i.e: Mun. Tax
- <b>Tax2Rate</b>	/@tax2rate	The rate of tax applied	Integer	***
- <b>Tax2Amount</b>	/@tax2amount	Total amount of tax charges	Integer	***
<b>GroupInfo</b>	reservation/res_data/GroupInfo			
- <b>Code</b>	/@code	Group Code	Up to 5 chars	The vehicle group code
- <b>Name</b>	/@model	Model of the car	text	The vehicle model

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

- <b>ImageUrl</b>	/@imageurl	Url for car image	text	Url of image of group
- <b>SippCode</b>	/@sippcode	Acriss code	Up to 4 chars	The vehicle sip code
- <b>Bags</b>	/@bags	Estimated number of small luggage	Integer	Informational
- <b>Doors</b>	/@doors	Number of Doors	Integer	Informational
- <b>Category</b>	/@cat	The car category	text	Economy

### Response codes

[See Status/Error codes section](#)

## 12. EXPRESS CHECK-OUT

The Express Check-out call allows a supplier to provide advance customer details such as license number & identification to speed up car delivery. Express information can be set even if the reservation is at on-request status.

### Prerequisites

1. There must be a confirmed reservation or request under your XML account in the system
2. Express information can be submitted up to 2 hours before delivery
3. Express information can be submitted any number of times. Newer submissions overwrite previous
4. Express check-out fields are not mandatory. They can be submitted any number of times

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	**
REFNO	Your Reference Number	Max 15 Chars	Yes*	Au0001
IRN	Reservation Number	Text	Yes*	11034
DOB	Date of Birth	DD/MM/YYYY	No	DD/MM/YYYY
POB	Place of Birth	Max 30 Chars	No	Athens
LICNO	License Number	Max 15 Chars	No	67567656
LICPLACE	License Issue country	Max 2 Chars	No	ISOCountryCode
LICISSUEDATE	License Issue Date	DD/MM/YYYY	No	25/11/2000
LICEXPDATE	License Expiration Date	DD/MM/YYYY	No	25/11/2070
IDNO	Identity Number	Max 15 Chars	No	AI54353
IDPLACE	Identity Issue country	Max 2 Chars	No	ISOCountryCode
IDISSUEDATE	Identity Issue Date	DD/MM/YYYY	No	25/11/2000
IDEXPDATE	Identity Expiration Date	DD/MM/YYYY	No	25/11/2070
ADSTREET	Address street name/number	Max 80 Chars	No	Idipodos 5
ADZIPCODE	Address Zip Code	Max 15 Chars	No	115 05
ADCITY	Address City Name	Max 25 Chars	No	Athens
ADCOUNTRYCODE	Address Country Code	Max 2 Chars	No	ISOCountryCode
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/express\\_<code>.html?agent=<agent>&refno=<referenceNo>&irn=<reservationNo>&dob=01/01/2000&pob=athens&licno=67567656&licplace=athens&licissuedate=25/11/2000&licexpdate=25/11/2070&idno=AI54353&idplace=athens&idissuedate=25/11/2000&idexpdate=25/11/2070](https://endpoint.wheelsys.io/<accountno>/link/v3/express_<code>.html?agent=<agent>&refno=<referenceNo>&irn=<reservationNo>&dob=01/01/2000&pob=athens&licno=67567656&licplace=athens&licissuedate=25/11/2000&licexpdate=25/11/2070&idno=AI54353&idplace=athens&idissuedate=25/11/2000&idexpdate=25/11/2070)

### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response>
  <reservation irn="3QW187" status="RES" refno="111111"></reservation>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/express\\_<code>.html?agent=<agent>&refno=<referenceNo>&irn=<reservationNo>&dob=01/01/2000&pob=athens&licno=67567656&licplace=athens&licissuedate=25/11/2000&licexpdate=25/11/2070&idno=AI54353&idplace=athens&idissuedate=25/11/2000&idexpdate=25/11/2070&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/express_<code>.html?agent=<agent>&refno=<referenceNo>&irn=<reservationNo>&dob=01/01/2000&pob=athens&licno=67567656&licplace=athens&licissuedate=25/11/2000&licexpdate=25/11/2070&idno=AI54353&idplace=athens&idissuedate=25/11/2000&idexpdate=25/11/2070&format=json)

#### Response

```
{
  "Reservation":{
    "Irn":"3QW187",
    "Status":"RES",
    "RefNo":"111111"
  }
}
```

#### Response Explanation

[See same explanation as on the New Reservation](#)

#### Response codes

[See Status/Error codes section](#)

## 13. OPTIONS / INSURANCE

This interface applies when requesting list of all the options/insurances from the system for this account/agent.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/options\\_<code>.html?agent=<agent>](https://endpoint.wheelsys.io/<accountno>/link/v3/options_<code>.html?agent=<agent>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <option code="CDW" name="Collision Damage Waiver" quant="false"/>
  <option code="EDW" name="TYRES, WINDSCREEN" quant="false"/>
  <option code="SCDW" name="Super Collision Damage Waiver" quant="false"/>
  <option code="ADD" name="Additional Driver1" quant="false"/>
  <option code="ADDF" name="Additional Driver Free" quant="true"/>
  <option code="BBS" name="Baby Seat" quant="true"/>
  <option code="CBS" name="Child Booster Seat" quant="true"/>
  <option code="GPS" name="GPS Navigation" quant="true"/>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/options\\_<code>.html?agent=<agent>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/options_<code>.html?agent=<agent>&format=json)

#### Response

```
{
  "Options": [
    {
      "Code": "CDW",
      "Name": "Collision Damage Waiver",
```



## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```

    "Quant": false,
    "ImageUrl": null
  },
  {
    "Code": "EDW",
    "Name": "TYRES, WINDSCREEN",
    "Quant": false,
    "ImageUrl": null
  },
  {
    "Code": "SCDW",
    "Name": "Super Collision Damage Waiver",
    "Quant": false,
    "ImageUrl": null
  },
  {
    "Code": "ADD",
    "Name": "Additional Driver1",
    "Quant": false,
    "ImageUrl": null
  },
  {
    "Code": "ADDF",
    "Name": "Additional Driver Free",
    "Quant": true,
    "ImageUrl": null
  },
  {
    "Code": "BBS",
    "Name": "Baby Seat",
    "Quant": true,
    "ImageUrl": null
  },
  {
    "Code": "CBS",
    "Name": "Child Booster Seat",
    "Quant": true,
    "ImageUrl": null
  },
  {
    "Code": "GPS",
    "Name": "GPS Navigation",
    "Quant": true,
    "ImageUrl": null
  }
]
}

```

### Response Explanation

Properties	XML path	Description	Format	Notes/Sample
<b>Options</b>	response/option			
<b>-Code</b>	/@code	The code of the Extra	Text	GPS
<b>-Name</b>	/@name	The name of the Extra	Text	GPS Navigation
<b>-Quant</b>	/@quant	The Extra can have quantity	Boolean (true-false)	True/False
<b>-ImageUrl</b>	/@imageurl	The Url Link for photo	Text	

### Response codes

[See Status/Error codes section](#)

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## 14. VEHICLE GROUPS

This interface applies when requesting list of all vehicles from the system for this account/agent.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/groups\\_<code>.html?agent=<agent>](https://endpoint.wheelsys.io/<accountno>/link/v3/groups_<code>.html?agent=<agent>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ImgRoot>https://wheels-assets.s3.eu-central-1.amazonaws.com/</ImgRoot>
  <cargroup code="1111" model="CARGO VAN PEUGEOT Expert Standard/Diesel ΕΣΩΤ.ΜΗΚΟ" imageurl="https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-1111.jpg" cat="Mini" />
  <cargroup code="A" model="Group A" imageurl="https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-A.jpg" pax="4" bags="3" doors="3" suitcases="1" cat="Mini" />
  <cargroup code="AA" model="AA Group" imageurl="" cat="Mini" />
  <cargroup code="B" model="OPEL CORSA " imageurl="https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-B.jpg" cat="Economy"/>
  <cargroup code="B1" model="Ford Fusion" imageurl="https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-B1.jpg" doors="5" cat="Mini" />
  <cargroup code="B2" model="Volkswagen Jetta" imageurl="https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-B2.jpg" cat="Mini" />
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/groups\\_<code>.html?agent=<agent>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/groups_<code>.html?agent=<agent>&format=json)

**Response**

```

{
  "ImgRoot": "https://wheels-assets.s3.eu-central-1.amazonaws.com/",
  "Groups": [
    {
      "Code": "1111",
      "Name": "CARGO VAN PEUGEOT Expert Standard/Diesel ΕΣΩΤ.ΜΗΚΟ",
      "ImageUrl": "https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-1111.jpg",
      "SippCode": null,
      "Category": "Mini"
    },
    {
      "Code": "A",
      "Name": "Group A",
      "ImageUrl": "https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-A.jpg",
      "SippCode": null,
      "Pax": 4,
      "Bags": 3,
      "Doors": 3,
      "Suitcases": 1,
      "Category": "Mini"
    },
    {
      "Code": "B",
      "Name": "OPEL CORSA ",
      "ImageUrl": "https://wheels-assets.s3.eu-central-1.amazonaws.com/10011/fleet/groupPhoto-B.jpg",
      "SippCode": null,
      "Category": "Economy"
    }
  ]
}

```

**Response Explanation**

Properties	XML path	Description	Format	Notes/Sample
<b>ImgRoot</b>	response/ImgRoot	The Url of imagea location	Text	
<b>Groups</b>	response/cargroup			B
<b>-Code</b>	/@code	The code of the group	Text	1511
<b>-Name</b>	/@model	The model of the group	Text	OPEL CORSA
<b>- ImageUrl</b>	/@imageurl	The Url of the image of group	Text	https://wheels-assets.s3.eu-central-1.....
<b>- SippCode</b>	/@sippcode	The SIPP code of the group	Text	EDMR
<b>- Category</b>	/@cat	The Category of group		Economy

**Response codes**

[See Status/Error codes section](#)

## 15. RENTAL STATIONS

This interface applies when requesting list of all Rental Stations from the system for this account/agent.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/stations\\_<code>.html?agent=<agent>](https://endpoint.wheelsys.io/<accountno>/link/v3/stations_<code>.html?agent=<agent>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <station code="001" name="Limassol Office" lat="38.066530" long="23.758000" icon="fa-car-building">
    <StationInformation StationType="Office" StationTypeOTA="24" StationTypeDesc=" Multiple shuttles to counter, car off airport grounds " Active="true" Tax1Percent="24.00" Tax2Percent="0" Tax1Name="VAT" Tax2Name="Mun. Tax" Address="Limassol office 123 37" ZipCode="67899" City="Limassol" Phone="210222333555">
      <PickupInstructions>
        <PickupInfo>Airport Collection Instructions: After collecting your bags, please phone.....Etc etc" </PickupInfo>
      </PickupInstructions>
      <OperationHours>
        <WorkHour Day="Monday" Closed="false" OpensAt="09:00" ClosesAt="21:00"/>
        <WorkHour Day="Tuesday" Closed="false" OpensAt="09:00" ClosesAt="21:00"/>
        <WorkHour Day="Wednesday" Closed="false" OpensAt="09:00" ClosesAt="21:00"/>
        <WorkHour Day="Thursday" Closed="false" OpensAt="09:00" ClosesAt="21:00"/>
        <WorkHour Day="Friday" Closed="false" OpensAt="09:00" ClosesAt="21:00"/>
        <WorkHour Day="Saturday" Closed="true"/>
        <WorkHour Day="Sunday" Closed="true"/>
      </OperationHours>
    </StationInformation>
  </station>
</response>
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/stations\\_<code>.html?agent=<agent>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/stations_<code>.html?agent=<agent>&format=json)

#### Response

```
{
  "Stations": [
    {
      "Code": "001",
      "Name": "Limassol Office",
      "Lat": "38.066530",
      "Long": "23.758000",
      "Typelcon": "fa-car-building",
      "Country": null,
      "StationInformation": {
        "StationType": "Office",
        "StationTypeOTA": "24",
        "StationTypeDesc": "Multiple shuttles to counter, car off airport grounds ",
        "Active": true,
        "Tax1Percent": 24,
        "Tax2Percent": 0,
        "Tax1Name": "VAT",
        "Tax2Name": "Mun. Tax",
        "Address": "Limassol office 123 37",
        "ZipCode": "67899",
        "City": "Limassol",
        "Phone": "210222333555",
        "PickupInstructions": {
          "PickupInfo": "Airport Collection Instructions of how to collect drop off cars etc...\n\n\n"
        }
      },
      "OperationHours": [
        {
          "Day": 1,
          "Closed": false,
          "OpensAt": "09:00",
          "ClosesAt": "21:00"
        },
        {
          "Day": 2,
          "Closed": false,
          "OpensAt": "09:00",
          "ClosesAt": "21:00"
        },
        {
          "Day": 3,
          "Closed": false,
          "OpensAt": "09:00",
          "ClosesAt": "21:00"
        },
        {
          "Day": 4,
          "Closed": false,
          "OpensAt": "09:00",
          "ClosesAt": "21:00"
        },
        {
          "Day": 5,
          "Closed": false,
          "OpensAt": "09:00",
          "ClosesAt": "21:00"
        }
      ]
    }
  ]
}
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
{
  "Day": 6,
  "Closed": true
},
{
  "Day": 0,
  "Closed": true
} ] }
```

### Response Explanation

Properties	XML path	Description	Format	Notes/Sample
<b>Stations</b>	response/station			
<b>-Code</b>	/@code	Code of the Station	Text	001
<b>-Name</b>	/@name	Name of the Station	Text	Limassol Office
<b>-Lat</b>	/@lat	Latitude of location	Text	38.066...
<b>-Long</b>	/@long	Longitude of location	Text	23.758...
<b>-Typelcon</b>	/@icon	Building icon	Text	fa-car-building
<b>-Country</b>	/@country	LocationCountry code	2 chars	CY
<b>-StationInformation</b>	/station/StationInformation			
<b>-StationType</b>	/@StationType	Type of the station	text	Office
<b>-StationTypeOTA</b>	/@StationTypeOTA	StationTypeOTA code	integer	22
<b>-StationTypeDesc</b>	/@StationTypeDesc	Information for the location of the counter, car, if shuttle is required or not, etc.	text	Airport shuttle to counter, car off airport grounds
<b>- Active</b>	/@Active	Active status of station	Boolean: true-false	True
<b>-Tax1Percent</b>	/@Tax1Percent	The rate of tax1 applied	integer	24
<b>-Tax2Percent</b>	/@Tax2Percent	The rate of tax2.	integer	0
<b>-Tax1Name</b>	/@Tax1Name	Type of taxation1 code	text	i.e: VAT
<b>-Tax2Name</b>	/@Tax2Name	Type of taxation1 code	text	Mun. Tax
<b>-Address</b>	/@Address	Address of station	text	Limas office
<b>-ZipCode</b>	/@ZipCode	Zip code of station	text	123 37
<b>-City</b>	/@City	City of Station	text	Limassol
<b>-Phone</b>	/@Phone	StationPhone number	text	22222222...
<b>- PickupInstructions</b>	/StationInformation/PickupInstructions			
<b>-PickupInfo</b>	/@PickupInfo	Any collection instructions	text	After collecting your bags...
<b>-OperationHours</b>	/StationInformation/OperationHours/WorkHour			
<b>-Day</b>	/@Day	Day of the week	1 char	1
<b>-Closed</b>	/@Closed	Indication if station is closed this day.	Boolean (true-false)	false
<b>-OpensAt</b>	/@OpensAt	Opening time of station	HH:NN	09:00
<b>-ClosesAt</b>	/@ClosesAt	Closing time of station	HH:NN	21:00

### Response codes

[See Status/Error codes section](#)

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## 16. OUT OF OFFICE DELIVERY LOCATIONS

This interface applies when requesting list of all out of office Delivery Locations from the system for this account/agent.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/locations\\_<code>.html?agent=<agent>](https://endpoint.wheelsys.io/<accountno>/link/v3/locations_<code>.html?agent=<agent>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <location code="2" name="22222" station="001"/>
  <location code="1511" name="3 SEAS HTL L/CA" station="ATH"/>
  <location code="1512" name="3 SEAS HTL L/CA 2" station="ATH"/>
  <location code="377" name="55 MAKARIOS AVE NICOSIA APT 32" station="022"/>
  <location code="665" name="A.P. MAOURIS APTS" station="033"/>
  <location code="1516" name="AAAAC" station="022"/>
  <location code="1517" name="AAAC" station="022"/>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/locations\\_<code>.html?agent=<agent>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/locations_<code>.html?agent=<agent>&format=json)

#### Response

```
{
  "Locs": [
    {
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```

    "Code": "2",
    "Name": "22222",
    "Station": "001",
    "Icon": null
  },
  {
    "Code": "1511",
    "Name": "3 SEAS HTL L/CA",
    "Station": "ATH",
    "Icon": null
  },
  {
    "Code": "1512",
    "Name": "3 SEAS HTL L/CA 2",
    "Station": "ATH",
    "Icon": null
  },
  {
    "Code": "377",
    "Name": "55 MAKARIOS AVE NICOSIA APT 32",
    "Station": "022",
    "Icon": null
  },
  {
    "Code": "1516",
    "Name": "AAAAC",
    "Station": "022",
    "Icon": null
  },
  {
    "Code": "1517",
    "Name": "AAAC",
    "Station": "022",
    "Icon": null
  }
}
]
}

```

### Response Explanation

Properties	XML path	Description	Format	Notes/Sample
<b>Locs</b>	response/location			
<b>-Code</b>	/@code	The code of the delivery location	Text	1511
<b>-Name</b>	/@name	The name of the delivery location	Text	3 SEAS HTL L/CA
<b>-Station</b>	/@station	The name of its Station from which will be served	Text	ATH
<b>-Icon</b>	/@icon	The icon of location	Text	

### Response codes

[See Status/Error codes section](#)



## 17. RESERVATION LIST

This interface applies when requesting list of all Reservations existing in the system for this account/agent.

If you want to see the reservations only for a Representative (of a hotel, tour operator, etc.) you need to add the optional parameter REPCODE in the call with the code of this Representative

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
REPCODE	Representative's Code	Up to 10 Chars	No	<repcode>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/reslist\\_<code>.html?agent=<agent>](https://endpoint.wheelsys.io/<accountno>/link/v3/reslist_<code>.html?agent=<agent>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <reservation>
    <irn>6DWBF3</irn>
    <refno>6DWBF3</refno>
    <status>REQ</status>
    <date_from>14/04/2022</date_from>
    <time_from>12:00</time_from>
    <date_to>15/04/2022</date_to>
    <time_to>12:00</time_to>
    <pickup_station>003</pickup_station>
    <return_station>003</return_station>
    <cargroup>A</cargroup>
    <customer_name>d d</customer_name>
  </reservation>
</response>
```

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/reslist\\_<code>.html?agent=<agent>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/reslist_<code>.html?agent=<agent>&format=json)

#### Response

```
{
  "ResList": [
    {
      "Irn": "6DWBF3",
      "RefNo": "6DWBF3",
      "Status": "REQ",
      "DateFrom": "14/04/2022",
      "TimeFrom": "12:00",
      "DateTo": "15/04/2022",
      "TimeTo": "12:00",
      "StationFrom": "003",
      "StationTo": "003",
      "Group": "A",
      "CustomerName": "d d"
    }
  ]
}
```

#### Response Explanation

Properties	XML path	Description	Format	Notes/Sample
<b>ResList</b>	response/reservation			
- <b>Irn</b>	/@irn	Reservation number	Text	6DWBF3
- <b>RefNo</b>	/@refno	The Reference number	Text	6DWBF3
- <b>Status</b>	/@status	The Status of the Reservation	Text	REQ
- <b>DateFrom</b>	/@date_from	The Pick up date of booking	DD/MM/YYYY	14/12/2023
- <b>TimeFrom</b>	/@time_from	The Pick up time of booking	HHNN or HH:NN	1000 or 10:00
- <b>DateTo</b>	/@date_to	The Return date of booking	DD/MM/YYYY	16/12/2023
- <b>TimeTo</b>	/@time_to	The Return time of booking	HHNN or HH:NN	2200 or 22:00
- <b>StationFrom</b>	/@pickup_station	The Pickup station of booking	Text	003
- <b>StationTo</b>	/@return_station	The Return station of booking	Text	003
- <b>Group</b>	/@cargroup	The group of the booking	Text	C
- <b>CustomerName</b>	/@customer_name	The Customer name of the booking	Text	test test

#### Response codes

[See Status/Error codes section](#)

## 18. RATE-RULES

This interface applies when requesting list of all Rate-Rules set in the system for this account/agent.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
PRICEID	Price Quote Reference code	36 chars	Yes	539e7307-a14b-48e6-812e-d6a78226ec46
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/rate-rules\\_<code>.html?agent=<agent>&priceid=9b828968-9030-40c4-9424-a610726b47b6](https://endpoint.wheelsys.io/<accountno>/link/v3/rate-rules_<code>.html?agent=<agent>&priceid=9b828968-9030-40c4-9424-a610726b47b6)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <rule id="2" featured="true"/>
  <rule id="3" featured="true"/>
  <rule id="4" featured="true"/>
  <rule id="7" featured="false"/>
  <errors/>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/rate-rules\\_<code>.html?agent=<agent>&priceid=9b828968-9030-40c4-9424-a610726b47b6format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/rate-rules_<code>.html?agent=<agent>&priceid=9b828968-9030-40c4-9424-a610726b47b6format=json)

#### Response

Document Distribution is restricted to Wheelsys LTD staff and selected Partners. If you have found this document please contact us and destroy all copies of it.

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
{
  "Rules": [
    {
      "Id": 2,
      "Featured": true
    },
    {
      "Id": 3,
      "Featured": true
    },
    {
      "Id": 4,
      "Featured": true
    },
    {
      "Id": 7,
      "Featured": false
    }
  ],
  "Errors": []
}
```

### Response Explanation

Properties	XML path	Description	Format	Notes/Sample
<b>Rules</b>	response/rule			
<b>-Id</b>	/@id	Id of the Rule applied	integer	2
<b>-Featured</b>	/@featured	Indication if rule is featured	Boolean (true-false)	True
<b>Errors</b>	/@errors			

### Response codes

[See Status/Error codes section](#)

## 19. STATUS/ ERROR CODES

Below is a List of all Status code and Error Codes that can be returned by the system.

### Status Codes

Status Code	Description
RES	Reservation is confirmed
CNC	Reservation is cancelled
REQ	Reservation is on request status
RNT	Reservation was executed

### Error Codes

Error Code	Description
ERR/0	There is a stop sale for that Group/Period/Station   Station is closed   Station is closed at check-in   Station is closed at checkout
ERR/100	Required Parameter is Missing
ERR/101	Vehicle Group Not Found
ERR/102	Pickup/Return Station Not Found
ERR/103	Additional Option Not Found
ERR/104	Reservation Already Cancelled
ERR/105	Car Already Delivered
ERR/106	Invalid date/time combination
ERR/107	Reservation Number not valid
ERR/108	Reference Number already used
ERR/110	Price Quote Not Found or has Expired
ERR/111	Price Quote Has Expired or has already been used
ERR/112	Price Quote not valid for this reservation request   Vehicle no longer available   Driver does not meet age requirement
ERR/114	Group not Supported at specified location
ERR/120	License_Issue / ID_Issue / Driver - country was not found should be the 2 or 3 digit ISO code of the country
ERR/999	System is down for maintenance

## 20. SERVICE VERSION

This interface applies when requesting the latest Version of the system.

Optionally you can request the response to be returned in JSON format with the equivalent parameter (see below)

### Parameters

Parameter Name	Description	Format	Required	Notes/Sample
AGENT	Company's Unique Code	Up to 10 Chars	Yes	<agent>
FORMAT	Format type	4 Chars	No	JSON if you want response in json

### XML format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/serviceversion\\_<code>.html?agent=<agent>](https://endpoint.wheelsys.io/<accountno>/link/v3/serviceversion_<code>.html?agent=<agent>)

#### Response

```
<?xml version="1.0" encoding="utf-8" ?>
<response xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<version>2014.0.0.0</version>
</response>
```

### JSON format

#### Request

[https://endpoint.wheelsys.io/<accountno>/link/v3/serviceversion\\_<code>.html?agent=<agent>&format=json](https://endpoint.wheelsys.io/<accountno>/link/v3/serviceversion_<code>.html?agent=<agent>&format=json)

#### Response

```
{
  "Version": "2014.0.0.0"
}
```

### Response Explanation

Properties	XML path	Description	Format	Notes/Sample
Version	version	The latest version of Wheelsys	string	2014.0.0.0

## 21.FIREWALL REQUEST DOCUMENT

In order to access the production environment, you will need to register your IP / IP ranges with our network team. Please use the form below to request a firewall exception to be added. If you have already an existing interface with Wheels – which works on the form of *endpoint.wheelsys.io/XX* , and the IP ranges do not change then you do not need to fill out this form. Please fill out and send this form to [support@wheelsys.io](mailto:support@wheelsys.io). When the rules are setup, you will receive a reply to the e-mail use to send this form.

### Company information

\_\_\_\_\_  
Company Legal Name

\_\_\_\_\_  
Website

\_\_\_\_\_  
Country

I am a:

☐ Website designer

☐ Travel Agent / Car Broker

☐ Other: \_\_\_\_\_

### Administrative Contact

\_\_\_\_\_  
First & Last Name

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
E-mail

\_\_\_\_\_  
Request date

\_\_\_\_\_  
Please imprint and sign

### Technical Contact

\_\_\_\_\_  
First & Last Name

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
E-mail

## 22.UAT ENVIRONMENT

You can perform tests during your development by using our Test / UAT environment. The test environment is not monitored and is not customer specific. If you need to use specific codes on the UAT environment as provided below.



## 23.PRODUCTION URLS

The following are the production URL, Link code and Agent code to be used.

Base URL: <https://endpoint.wheelsys.io/10921/link/v3/>  
Link code: **VR0456**  
Agent code : **VR0123**

### Sample Calls

The system has generated the following sample price quote for the xml. If your IPs are whitelisted, you can copy/paste the link below on your browser.

### New Price Quote

[https://endpoint.wheelsys.io/10921/link/v3/price-quote\\_VR0456.html?agent=VR0123&DATE\\_FROM=04/10/2025&TIME\\_FROM=10:00&DATE\\_TO=11/10/2025&TIME\\_TO=10:00&PICKUP\\_STATION=MAIN&RETURN\\_STATION=MAIN](https://endpoint.wheelsys.io/10921/link/v3/price-quote_VR0456.html?agent=VR0123&DATE_FROM=04/10/2025&TIME_FROM=10:00&DATE_TO=11/10/2025&TIME_TO=10:00&PICKUP_STATION=MAIN&RETURN_STATION=MAIN)

## 24. SUPPLIER DATA

### 10.1 Station Codes

XMLCode	name
MAIN	Airport-MCO- Orlando

### 10.2 Group Codes

XMLCode	Name
A	Nissan Versa or Similar
AA	Group AA
C	Toyota Corolla or similar
F	Toyota Camry or similar
I	Buick Encore or similar
II	Group II
M	Kia Sedona or similar
P	Nissan Pathfinder or similar
S	Toyota RAV-4 or similar
U	Chevy Camaro or similar

### 10.3 Option Codes

XMLCode	name
BBS	Car Seat
EI	Excess Insurance
CDW	Collision Damage Waiver
SLI	Supplemental Liability Insurance
GPS	GPS
ADD	Additional Driver
TOL	Tolls

## WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

YD	Young Driver
APD	Airport Drop Off
OS	Out of State
UM	Unlimited Mileage
PCDW	Partial Collision
RS	Road Side Service
PPI	Personal Injury
LF	Late Fee
UPG	Upgrade
SD	Senior Driver
TRV	Traffic Violation Charge
TRVA	Traffic Violation Admin Charge
WT	Windshield and Tire
DR	Deposit Removal
PGAS	Pre-Paid Gas

### 10.4 CDP Codes

The section below lists CDP codes under your account. If there are no CDPs setup, then do not include the CDP parameter in your requests.

CDP
-----

## 25. HOW TO GET SUPPORT

You can get support during the development of the XML API by e-mailing [support@wheelsys.com](mailto:support@wheelsys.com). All requests are responded on a first-come-first-served basis.

Please make sure you include your request and response, the customer for which you are developing and your details. Requests with missing information will not be supported.

### GLOBAL CONTACTS

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**GR:** +30 210 9240904

**CY:** +357 240 22464

**UK:** +44 (0) 1344238010

**Web:** <http://www.wheelsys.com>

**E-mail:** [sales@wheelsys.com](mailto:sales@wheelsys.com)



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