



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	Bug fix: 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 : ERR/114 (see new reservation error codes section)
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"> 1. New Reservation 2. Amend Reservation 3. Price Quote <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>Bug fix: 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><reservation number="11034" status="OK"></reservation></code></p> <p>New Reply format is: <code><reservation irn="11034" status="OK" refno="yourreference" ></reservation></code></p> <p>Note: 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:

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

- 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
<code>price-quote_<code>.html</code>	<code>?agent=<agent>&date_from= ...</code>	New Price Quote
<code>new-res_<code>.html</code>	<code>?agent=<agent>&date_from= ...</code>	New Reservation
<code>amend-res_<code>.html</code>	<code>?agent=<agent>&irn=...</code>	Amend Reservation
<code>cancel-res_<code>.html</code>	<code>?agent=<agent>&irn=...</code>	Cancel Reservation
<code>status-res_<code>.html</code>	<code>?agent=<agent>&irn=...</code>	Reservation Status
<code>read-res_<code>.html</code>	<code>?agent=<agent>&irn=...</code>	Read out Reservation
<code>validatequote_<code>.html</code>	<code>?agent=<agent>&cargroup=..&priceid=...</code>	Quote Validation
<code>express_<code>.html</code>	<code>?agent=<agent>&irn=...</code>	Express Check Out
<code>options_<code>.html</code>	<code>?agent=<agent></code>	Extra Options List
<code>stations_<code>.html</code>	<code>?agent=<agent></code>	Station List
<code>groups_<code>.html</code>	<code>?agent=<agent></code>	Vehicle Group List
<code>serviceversion_<code>.html</code>	<code>?agent=<agent></code>	Show running version
<code>locations_<code>.html</code>	<code>?agent=<agent></code>	Locations List
<code>rate-rules_<code>.html</code>	<code>?agent=<agent>&priceid=...</code>	List of all Rate Rules set
<code>reslist_<code>.html</code>	<code>?agent=<agent></code>	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	See Stations	Yes	GR.ATHA01
RETURN_STATION	Return Station	See Stations	No	GR.ATHA01
PICKUP_POINT	Named Pickup Point	See Locations	No	1566
DROPOFF_POINT	Named Dropoff Point	See Locations	No	1566
CDP	Contact code	String	No	TSTCDP
DriverAge	Driver age	Integer	No	30
group	Selected Car Group	See Groups	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&pickup_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-aeb51a26f88" 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" rentalamount="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

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,
"OOONet": 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
Id	pricequote/@id	Price Quote Reference Code	36 Chars	Must be used with new reservation for price quote rules to apply
ValidToUTC	pricequote/@validto	Price Quote Expiry Date	DD/MM/YYYY HH:NN	Universal Time
Duration	pricequote/@duration	Requested Rental Duration	Integer	Informational

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

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

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

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

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

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 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
```

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
also" 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" outoffice="0" oonet="0"
excess="60000" excessapplies="true" klmincluded="400" unlimited="false" addklmr="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
```

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,
      "OOONet": 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
Success	response	Success Status of call	Boolean (true-false)	True/False
<Message>	<Message>	If call fails then the error message appears	text	Informational
Status	response/Status	The Status of the Result	text	OK or error code
RetQuote -Id	response/RetQuote/@id	Price Quote Reference Code	36 Chars	The price id taken from price quote

[See Response explanation from the Price quote above for rest data](#)

RequestParams	response/RetQuote/RequestParams			
- LinkCode	/@linkcode	Company's Unique Code	Up to 10 Chars	
- AgentCode	/@agentcode	Agent code	Up to 10 Chars	
- DateFrom	/@datefrom	Pickup Date	yyyy-MM-dd HH:mm:ss	2023-11-25T12:00:00
- DateTo	/@dateto	Return Date	yyyy-MM-dd HH:mm:ss	2023-11-29T12:00:00
- PickupStation	/@pickupstation	Pickup Station	<See Stations>	032
- ReturnStation	/@returnstation	Return Station	<See Stations>	032
- PickupPoint	/@pickuppoint	Named Pickup Point	<See Locations>	null
- DropOffPoint	/@dropoffpoint	Named Dropoff Point	<See Locations>	null
- CDP	/@cdp	Contract code	String	TSTCDP
- DriverAge	/@drivage	Age of driver	Integer	
- Irn	/@irn	Reservation number	No	
- CarGroup	/@cargroup	Car group of reservation	<See Groups>	C
HasHourly	response/RetQuote/@hashourly	Has Hourly charges	Boolean (true-false)	Informational

Response codes

[See Status/Error codes section](#)

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.

www.wheelsys.com

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	See Stations	Yes	GR.ATHA01
RETURN_STATION	Return Station	See Stations	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	See Groups	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	See Locations	No	Hotel name
DROPOFF_POINT	Named Dropoff Point	See Locations	No	Hotel name
PICKUP_POINT_CODE	Pickup Point Code	See Locations	No	1566
DROPOFF_POINT_CODE	Dropoff Point Code	See Locations	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

CUSTIDNO	Customer Identity number	Up to 20 Chars	No	457345454
DOB	Customer date of birth	DD/MM/YYYY	No	15/03/1976
LTYNO	Loyalty Card Number	Up to 20 Chars	No	121324
LTYCD	Loyalty code	Up to 3 Chars	No	oa
DRVNTAXID	Driver Tax ID	Up to 18 Chars	No	457345454
DRVCSEM	Consent to receive emails	1 char	No	1
DRVCSSM	Consent to receive sms	1 char	No	1
INVNAME	Name for issue invoice	Up to 55 Chars	No	John smith
INVAXNO	Tax No for issue invoice	Up to 18 Chars	No	453355447
INVEMAIL	Email for issue invoice	Up to 100 Chars	No	lal@gmail.com
INPHONE	Phone for issue invoice	Up to 25 Chars	No	694566654
FORMAT	Format type	4 Chars	No	JSON if you want response in json
OPTION CODE	<See Options>	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=03
2&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=03
2&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
Reservation	response/reservation			
-Irn	/@irn	Reservation/Request number	Text	<reservationNo>
-Status	/@status	See status codes	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	https://express...

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
```

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=03
```

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

2&cdp=<cdp>&irn=<reservationNo>&group=C&customer_name=test&voucherno=12341234"eref=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>
```

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
```

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
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>
FORMAT	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>

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

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>

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" addklmrate="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 >

```

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

```
<delivery>0</delivery>
<OOONet>0</OOONet >
<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>
<oooprepaid>false</oooprepaid>
<plateno>Veh.Reg</plateno>
<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" sippcode="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>&refrn=<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"
}
}
```

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

Response Explanation

Properties	XML path	Description	Format	Notes/Sample
ResHeader	reservation/res_header			
- Irn	/@irn	Reservation Number	Text	3QW187
- ResDate	/@bookdate	The Date Reservation was created	DD/MM/YYYY Y	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
ResData	reservation/res_data			
- DateFrom	/@date_from	Pickup Date	DD/MM/YYYY Y	14/12/2023
- TimeFrom	/@time_from	Pickup Time	HHNN or HH:NN	1000 or 10:00
- DateTo	/@date_to	Return Date	DD/MM/YYYY Y	16/12/2023
- TimeTo	/@time_to	Return Time	HHNN or HH:NN	2200 or 22:00
- StationFrom	/@pickup_station	Pickup Station	See Stations>	GR.ATHA01
- StationTo	/@return_station	Return Station	See Stations>	GR.ATHA01
- Group	/@group	Group of reservation	See Groups>	A
- Duration	/@duration	Duration of reservation	Integer	3 (days)
- Total	/@totalrate	Total Amount of reservation	Integer	***
- BaseRate	/@baserate	TMI or prepaid amount (deprecated: 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	/@oonet	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
- OOOPrepaid	/@oooprepaid	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	***

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.

www.wheelsys.com

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

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

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

- ImageUrl	/@imageurl	Url for car image	text	Url of image of group
- SippCode	/@sippcode	Acriss code	Up to 4 chars	The vehicle sipp code
- Bags	/@bags	Estimated number of small luggage	Integer	Informational
- Doors	/@doors	Number of Doors	Integer	Informational
- Category	/@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	A154353
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=A154353&idplace=athens&idissuedate=25/11/2000&idexpdate=25/11/2070

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

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=A154353&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>

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

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
Options	response option			
-Code	/@code	The code of the Extra	Text	GPS
-Name	/@name	The name of the Extra	Text	GPS Navigation
-Quant	/@quant	The Extra can have quantity	Boolean (true-false)	True/False
-ImageUrl	/@imageurl	The Url Link for photo	Text	

Response codes

[See Status/Error codes section](#)

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.

www.wheelsys.com

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>

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

WHEELS CAR RENTAL SYSTEM – XML ONBOARDING PACKAGE

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
ImgRoot	response/ImgRoot	The Url of imagea location	Text	
Groups	response/cargroup			B
-Code	/@code	The code of the group	Text	1511
-Name	/@model	The model of the group	Text	OPEL CORSA
- ImageUrl	/@imageurl	The Url of the image of group	Text	https://wheels-assets.s3.eu-central-1....
- SippCode	/@sippcode	The SIPP code of the group	Text	EDMR
- Category	/@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>

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

Response

```
{  
    "Stations": [  
        {  
            "Code": "001",  
            "Name": "Limassol Office",  
            "Lat": "38.066530",  
            "Long": "23.758000",  
            "TypeIcon": "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"  
                    },  
                    {  
                        "Day": 6,  
                        "Closed": false,  
                        "OpensAt": "09:00",  
                        "ClosesAt": "21:00"  
                    },  
                    {  
                        "Day": 7,  
                        "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
Stations	response/station			
-Code	/@code	Code of the Station	Text	001
-Name	/@name	Name of the Station	Text	Limassol Office
-Lat	/@lat	Latitude of location	Text	38.066...
-Long	/@long	Longitude of location	Text	23.758...
-TypeIcon	/@icon	Building icon	Text	fa-car-building
-Country	/@country	LocationCountry code	2 chars	CY
-StationInformation	/station/StationInformation			
-StationType	/@StationType	Type of the station	text	Office
-StationTypeOTA	/@StationTypeOTA	StationTypeOTA code	integer	22
-StationTypeDesc	/@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
- Active	/@Active	Active status of station	Boolean: true-false	True
-Tax1Percent	/@Tax1Percent	The rate of tax1 applied	integer	24
-Tax2Percent	/@Tax2Percent	The rate of tax2.	integer	0
-Tax1Name	/@Tax1Name	Type of taxation1 code	text	i.e: VAT
-Tax2Name	/@Tax2Name	Type of taxation1 code	text	Mun. Tax
-Address	/@Address	Address of station	text	Limas office
-ZipCode	/@ZipCode	Zipp code of station	text	123 37
-City	/@City	City of Station	text	Limassol
-Phone	/@Phone	StationPhone number	text	22222222...
- PickupInstructions	/StationInformation/PickupInstructions			
-PickupInfo	/@PickupInfo	Any collection instructions	text	After collecting your bags...
-OperationHours	/StationInformation/OperationHours/WorkHour			
-Day	/@Day	Day of the week	1 char	1
-Closed	/@Closed	Indication if station is closed this day.	Boolean (true-false)	false
-OpensAt	/@OpensAt	Opening time of station	HH:NN	09:00
-ClosesAt	/@ClosesAt	Closing time of station	HH:NN	21:00

Response codes

[See Status/Error codes section](#)

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.

www.wheelsys.com

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>

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

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
Locs	response/location			
- Code	/@code	The code of the delivery location	Text	1511
- Name	/@name	The name of the delivery location	Text	3 SEAS HTL L/CA
- Station	/@station	The name of its Station from which will be served	Text	ATH
- Icon	/@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>

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

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

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-a610726b47b6&format=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.

www.wheelsys.com

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
Rules	response/rule			
- Id	/@id	Id of the Rule applied	integer	2
- Featured	/@featured	Indication if rule is featured	Boolean (true-false)	True
Errors	/@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>

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

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. 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: **VRO456**
Agent code : **VRO123**

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_VRO456.html?agent=VRO123&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 XMI API by e-mailing 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

US: +1.252.577.9633

GR: +30 210 9240904

CY: +357 240 22464

UK: +44 (0) 1344238010

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

E-mail: sales@wheelsys.com



This document and all of its contents copyright © 2004-2025 WHEELSYS LTD. All rights reserved. WHEELSYS LTD, Wheels Car Rental System, Wheels Rental System, are trademarks of registered trademarks of WHEELSYS, LTD. All other brand and product names are trademarks or registered trademarks of their respective owners. Information in this document is subject to change without notice. WHEELSYS LTD assumes no responsibility for errors that may appear in this document.