Resort Management System REST API Documentation

Revised: 03/16/2014

INTRODUCTION

RMS hosts a REST API at https://portal7.resortplanet.com/rms-live/.

The API has the ability to return data in either XML or JSON format:
- **1.) XML - https://portal7.resortplanet.com/rms-live/xml/.**
- **2.) JSON - https://portal7.resortplanet.com/rms-live/json/.**

The security model is basic HTTP authentication over SSL.

Usage of this API requires acknowledgement. Any consumer website using any portion of this API must include the following link on the website's home page or, in some cases, with permission, a primary landing page. The link text must in a reasonably visible font. The link properties are:

> **Link Text: "Reservations by Resort Management System"**
> **Link: www.VacationRentalSoftware.com**

METHODS

1.) Method Name: Company Information

HTTP Verb: GET
Parameters: None
Example URL:
https://portal7.resortplanet.com/rms-live/xml/customer/show
Example Return XML:

```
<company>
      <name>Test Company Vacation Rentals</name>
      <addressLine1>1402 Hwy 972</addressLine1>
      <addressLine2>Test City, WV 26062</addressLine2>
      <addressLine3/>
      <phone1>800-899-9621</phone1>
      <phone2>308-899-2136</phone2>
      <fax>308-748-4414</fax>
      <email>reservations@testcompany.com</email>
      <website>www.testcompany.com</website>
      <contactName>Jim Manager</contactName>
      <contactPhone>800-555-5555</contactPhone>
      <contactEmail>manager@testcompany.com</contactEmail>
      <flipkey>Y</flipkey>
      <minimumDaysFromArrivalForOwnerReservations>0</minimumDaysFromArrivalForOwnerReservations>
      <minimumDaysFromArrivalForGuestReservations>0</minimumDaysFromArrivalForGuestReservations>
      <datesTracked>
            <year1>2014</year1>
            <year2>2015</year2>
            <year3>2016</year3>
      </datesTracked>
</company>
```

2.) Method Name: Reservation List By Departure
HTTP Verb: GET
Parameters: departureStart, depatureEnd date values in the format MMDDYYYY (two digit month, two digit day, four digit year)

| departureStart (MMDDYYYY) |
| departureEnd (MMDDYYYY) |
| |

Example URL:
https://portal7.resortplanet.com/rms-live/xml/reservation/list?departureStart=01012009&departureEnd=01012010
Example Return XML:

```
<reservations>
      <reservation>
            <reservationId>5</reservationId>
            <arrival>10-31-2016</arrival>
            <departure>11-07-2016</departure>
            <email>rmsinfo@resortmanagementsystem.com</email>
            <name>Robert Smith</name>
            <unitId>UNIT1</unitId>
            <propertyAddress>1 South Street</propertyAddress>
      </reservation>
      <reservation>
            <reservationId>6</reservationId>
            <arrival>10-31-2016</arrival>
            <departure>11-07-2016</departure>
            <email>ssmith@nomail.com</email>
            <name>Sarah Smith</name>
            <unitId>UNIT2</unitId>
            <propertyAddress>2 North Street</propertyAddress>
      </reservation>
      <reservation>
            <reservationId>7</reservationId>
            <arrival>11-07-2016</arrival>
            <departure>11-14-2016</departure>
            <email>testonly@netzero.com</email>
            <name>Gary Smith</name>
            <unitId>UNIT1</unitId>
            <propertyAddress>1 South Street</propertyAddress>
      </reservation>
</reservations>
```

Notes: This method returns a list of reservations matching the query parameters. If no reservations exist for the specified date range, the method returns an empty list.

3.) Method Name: Unit Summary List
HTTP Verb: GET
Parameters: None
Example URL:
https://portal7.resortplanet.com/rms-live/xml/unit/list
Example Return XML:

```
<units>
      <unit>
            <unitId>UNIT10</unitId>
            <localAddress>123 Shipwatch Villas</localAddress>
            <lastChange>01-01-2016 09:08:07</lastChange>
            <featured>Y</featured>
      </unit>
</units>
```

Notes: This method returns a basic summary list of units including the unit ID (used for querying the unit details) and the last time the unit was modified in MM-DD-YYYY HH:MM:SS (24 hour time). The possible values for the featured field are: F=featured, A=always featured, N=never featured, R=in Rotation.

4.) Method Name: Show Unit Details

<u>**HTTP Verb**</u>: **GET**
<u>**Parameters**</u>: **Unit ID in URL**
<u>**Example URL**</u>:
https://portal7.resortplanet.com/rms-live/xml/unit/show/UNIT1
<u>**Example Return XML**</u>:

```xml
<units>
      <unit>
            <unitId>UNIT1</unitId>
            <lastChange>01-01-2016 09:08:07</lastChange>
            <telephoneNumber>(843) 123-1234</telephoneNumber>
            <numberOfBedrooms>4</numberOfBedrooms>
            <numberOfBathrooms>4.0</numberOfBathrooms>
            <maximumNumberOfPeople>6</maximumNumberOfPeople>
            <sleepingAccommodations>Q,Q,Q</sleepingAccommodations>
            <description>
                  Wonderful home with plenty of space.  Large
                  living room with chairs for all and large
                  screen TV.  Balconies off 3 rooms and front
                  porch.
            </description>
            <localAddress>1 South Street</localAddress>
            <level>3</level>
            <rentalStatus>S</rentalStatus>
            <type>House</type>
            <location>GF</location>
            <locationDescription>Gulf Front</locationDescription>
            <section>MB</section>
            <sectionDescription>Mexico Beach</sectionDescription>
            <cleaningCharge>120.0</cleaningCharge>
            <ownerCleanAmount>120.00</ownerCleanAmount>
            <ownerFriendCleanAmount>100.00</ownerFriendCleanAmount>
            <ownerBookedCleanAmount>120.00</ownerBookedCleanAmount>
            <deductCleaningFromGrossRent>false</deductCleaningFromGrossRent>
            <featured>F</featured>
            <address>
                  <line1>4 NORTH STREET</line1>
                  <line2/>
                  <city>CHARLESTON</city>
                  <state>SC</state>
                  <zipCode>29412</zipCode>
                  <region>NORTH AMERICA</region>
                  <subRegion>SOUTHEAST</subRegion>
            </address>
            <rates>
                  <rate>
                        <startDate>01-01-2016</startDate>
                        <endDate>12-31-2016</endDate>
                        <description>All Year</description>
                        <weeklyRate>1500.00</weeklyRate>
                        <dailyRate>0.0</dailyRate>
                        <minimumNightStay>3</minimumNightStay>
                        <checkInDays>
                              <saturdayCheckInAllowed>true</saturdayCheckInAllowed>
                              <sundayCheckInAllowed>true</sundayCheckInAllowed>
                              <mondayCheckInAllowed>true</mondayCheckInAllowed>
                              <tuesdayCheckInAllowed>false</tuesdayCheckInAllowed>
                              <wednesdayCheckInAllowed>true</wednesdayCheckInAllowed>
                              <thursdayCheckInAllowed>true</thursdayCheckInAllowed>
                              <fridayCheckInAllowed>true</fridayCheckInAllowed>
                        </checkInDays>
                        <dailyRateSunday>999.99</dailyRateSunday>
                        <dailyRateMonday>999.99</dailyRateMonday>
                        <dailyRateTuesday>999.99</dailyRateTuesday>
                        <dailyRateWednesday>999.99</dailyRateWednesday>
                        <dailyRateThursday>999.99</dailyRateThursday>
                        <dailyRateFriday>999.99</dailyRateFriday>
                        <dailyRateSaturday>999.99</dailyRateSaturday>
                  </rate>
            </rates>
```

```
<searchFields>
        <label description='No'>Pool</label>
        <label description='No'>Smoking</label>
        <label description='Yes'>Hot Tub</label>
        <label description='No'>Balcony</label>
        <label description='Yes'>Pool Table</label>
        <label description='Yes'>Wi-Fi</label>
</searchFields>
<miscellaneousFields />
<latitude>32.4223</latitude>
<longitude>-80.8879</longitude>
<photos>
        <photo>
        <url>http://mydomain.com/UNIT1-2.JPG</url>
        <longComment>Long comment. 255 characters Maximum.</longComment>
        <shortComment/>
        </photo>
</photos>
<comments>
        <comment>Web comment 1</comment>
        <comment>web comment 2</comment>
        <comment>web comment 3</comment>
        <comment>web comment 4</comment>
        <comment>web comment 5</comment>
</comments>
        </unit>
</units>
```

Notes: This method takes the UNIT ID from the URL and outputs detailed information about the unit. Information includes an address element, unit photos, web comments, and other summary data.

5.) Method Name: Reservation Availability Check

HTTP Verb: **GET**

Parameters:

startDate
endDate
unitId

Example URL:
**https://portal7.resortplanet.com/rms-live/xml/unit/availability?
arrivalDate=01012016&departureDate=01052016&unitId=UNIT1**
Example Return XML (unit is not available):
```
<reservationBooking>
        <available>false</available>
        <message/>
        <reservationId/>
 </reservationBooking>
```

Example Return XML (unit is available):
```
<reservationBooking>
        <available>true</available>
        <message/>
        <reservationId/>
 </reservationBooking>
```

6.) Method Name: Unit Rate Periods

HTTP Verb: **GET**

Parameters:

unitId

Example URL:
https://portal7.resortplanet.com/rms-live/xml/unit/ratePeriods?unitId=UNIT77
Example Return XML:
```
<units>
        <unit>
```

```
            <unitId>UNIT77</unitId>
            <lastChange>01-01-2016 09:08:07</lastChange>
            <localAddress>3 South Street</localAddress>
            <rates>
                    <rate>
                            <startDate>01-01-2016</startDate>
                            <endDate>12-31-2016</endDate>
                            <description>All Year</description>
                            <weeklyRate>1500.00</weeklyRate>
                            <dailyRate>0.0</dailyRate>
                            <minimumNightStay>3</minimumNightStay>
                            <checkInDays>
                                    <saturdayCheckInAllowed>true</saturdayCheckInAllowed>
                                    <sundayCheckInAllowed>true</sundayCheckInAllowed>
                                    <mondayCheckInAllowed>true</mondayCheckInAllowed>
                                    <tuesdayCheckInAllowed>false</tuesdayCheckInAllowed>
                                    <wednesdayCheckInAllowed>true</wednesdayCheckInAllowed>
                                    <thursdayCheckInAllowed>true</thursdayCheckInAllowed>
                                    <fridayCheckInAllowed>true</fridayCheckInAllowed>
                            </checkInDays>
                            <dailyRateSunday>999.99</dailyRateSunday>
                            <dailyRateMonday>999.99</dailyRateMonday>
                            <dailyRateTuesday>999.99</dailyRateTuesday>
                            <dailyRateWednesday>999.99</dailyRateWednesday>
                            <dailyRateThursday>999.99</dailyRateThursday>
                            <dailyRateFriday>999.99</dailyRateFriday>
                            <dailyRateSaturday>999.99</dailyRateSaturday>
                    </rate>
            </rates>
        </unit>
</units>
```

Notes: The unitId URL parameter is optional: if it is not provided, the API will return rate data for ALL UNITS.

7.) Method Name: Unit Availability Calendar

HTTP Verb: GET

Parameters:

startDate
endDate
unitId

Example URL:
https://portal7.resortplanet.com/rms-live/xml/unit/calendar?startDate=01012016&endDate=12312016&unitId=UNIT1

Example Return XML (unitId provided):
```
<bookings>
        <booking>
                <startDate>03/03/2016</startDate>
                <endDate>03/12/2016</endDate>
                <reservationType>OWNER</reservationType>
                <reservationNumber>23</reservationNumber>
                <lastName>SMITH</lastName>
        </booking>
        <booking>
                <startDate>03/15/2016</startDate>
                <endDate>03/23/2016</endDate>
                <reservationType>STANDARD</reservationType>
                <reservationNumber>20</reservationNumber>
                <lastName>TESTS</lastName>
        </booking>
</bookings>
```

Example Return XML (unitId not provided):
```
<units>
        <unit>
                <unitId>UNIT5</unitId>
                <bookings>
```

```
                <booking>
                        <startDate>03/03/2016</startDate>
                        <endDate>03/12/2016</endDate>
                        <reservationType>OWNER</reservationType>
                        <reservationNumber>23</reservationNumber>
                        <lastName>SMITH</lastName>
                </booking>
                <booking>
                        <startDate>03/15/2016</startDate>
                        <endDate>03/23/2016</endDate>
                        <reservationType>STANDARD</reservationType>
                        <reservationNumber>20</reservationNumber>
                        <lastName>TESTS</lastName>
                </booking>
            </bookings>
        </unit>
</units>
```

Notes: The unitId URL parameter is optional: if it is not provided, the API will return unit availability data for ALL UNITS.

8.) Method Name: Unit Search/Characteristics Object Information
HTTP Verb: GET
Parameters: None
Example URL:
https://portal7.resortplanet.com/rms-live/xml/searchValue/list
Example Return XML:

```
<searchValues>
    <searchValue>
        <label>Section</label>
        <name>section</name>
        <options>
            <option>
                <optionId>INTN</optionId>
                <optionValue>In Town</optionValue>
            </option>
            <option>
                <optionId>NTIN</optionId>
                <optionValue>Not In Town</optionValue>
            </option>
        </options>
    </searchValue>
    <searchValue>
        <label>Location</label>
        <name>location</name>
        <options>
            <option>
                <optionId>SWED</optionId>
                <optionValue>Sea Weed Row</optionValue>
            </option>
            <option>
                <optionId>GSLP</optionId>
                <optionValue>Gas Lamp Quarter</optionValue>
            </option>
        </options>
    </searchValue>
    <searchValue>
        <label>View</label>
        <name>userSearchField1</name>
        <options>
            <option>
                <optionId>Y</optionId>
                <optionValue>Yes</optionValue>
            </option>
        </options>
    </searchValue>
    <searchValue>
        <label>Pets Allowed</label>
        <name>userSearchField2</name>
```

```
            <options>
                <option>
                    <optionId>Y</optionId>
                    <optionValue>Yes</optionValue>
                </option>
                <option>
                    <optionId>N</optionId>
                    <optionValue>No</optionValue>
                </option>
            </options>
        </searchValue>
</searchValues>__
```
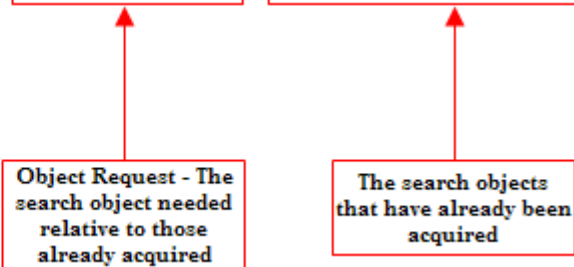
Notes: This method returns all valid unit search/characteristics values/ information.

9.) Method Name: Relative Unit Search/Characteristics Object Information

HTTP Verb: GET
Parameters: need (search object needed), search objects acquired
Example URL:

https://portal7.resortplanet.com/rms-live/xml/searchValue/show?need=userSearch5&section=SEC&location=LOC

Object Request - The search object needed relative to those already acquired

The search objects that have already been acquired

Example Return XML:
```
<searchValues>
    <searchValue>
        <label>Section</label>
        <name>section</name>
        <options>
            <option>
                <optionId>INTN</optionId>
                <optionValue>In Town</optionValue>
            </option>
            <option>
                <optionId>NTIN</optionId>
                <optionValue>Not In Town</optionValue>
            </option>
        </options>
    </searchValue>
</searchValues>
```

Notes: This method will return a list of valid search object options and values when provided with objects already acquired. The general concept is that a Webmaster does not have to know the hierarchy / relationship of search fields. Each time the user wants to see list of valid search fields, the Webmaster would send in the needed object and the objects already acquired. RMS would then send back valid object options and values for the search object needed.

10a.) Method Name: Unit Availability Search

HTTP Verb: GET
Parameters:

arrivalDate	numberOfBedrooms
departureDate	userSearch1
earlyOrLateDepart	userSearch2
reservationStatus	userSearch3
maximumPrice	userSearch4
promotionCode	userSearch5
numberOfAdults	userSearch6
numberOfChildren	section

package	location
excludeUnit	

Example URL:
https://portal7.resortplanet.com/rms-live/xml/unit/search?
arrivalDate=07/02/2016&**departureDate**=07/09/2016&**earlyOrLateDepart**=&**reservationStatus**=A&**maximumPrice**=&
promotionCode=20&**numberOfAdults**=2&**numberOfChildren**=2&**package**=Y&**section**=OF&**location**=CW&**numberOf
Bedrooms**=3&**numberOfBathrooms**=2&**userSearch1**=Y&**userSearch2**=Y&**userSearch3**=Y&**userSearch4**=Y&**userSear
ch5**=N&**userSearch6**=Y&**excludeUnit**=100& **excludeUnit**=123& **excludeUnit**=ABC123& **excludeUnit**=CAPTWTCH&
excludeUnit=UNIT2

Example Return XML:
```xml
<unitSearchResponse>
      <reservationStatus>A</reservationStatus>
      <arrivalDate>07/02/2016</arrivalDate>
      <departureDate>07/09/2016</departureDate>
      <numberOfAdults>2</numberOfAdults>
      <numberOfChildren>2</numberOfChildren>
      <units>
            <unit>
                  <unitId>UNIT77</unitId>
                  <numberOfBedrooms>4</numberOfBedrooms>
                  <numberOfBathrooms>4.0</numberOfBathrooms>
                  <maximumNumberOfPeople>12</maximumNumberOfPeople>
                  <sleepingAccommodations>K,K,Q,2T</sleepingAccommodations>
                  <description>Perfect home with plenty of space</description>
                  <localAddress>3 South Street</localAddress>
                  <location>L1</location>
                  <locationDescription>Location 1</locationDescription>
                  <section>S1</section>
                  <sectionDescription>Section One</sectionDescription>
                  <featured>Featured</featured>
                  <rentalStatus>S</rentalStatus>
                  <equipment />
                  <charges />
                  <searchFields>
                        <label description='No'>Pool</label>
                        <label description='No'>Smoking</label>
                        <label description='Yes'>Hot Tub</label>
                        <label description='No'>Balcony</label>
                        <label description='Yes'>Pool Table</label>
                        <label description='Yes'>Wi-Fi</label>
                  </searchFields>
                  <miscellaneousFields>
                        <label field="Yes">Washer</label>
                        <label field="Yes">Dryer</label>
                        <label field="No">Dishwasher</label>
                        <label field="No">Game Table</label>
                        <label field="No">Pool</label>
                  </miscellaneousFields>
                  <latitude>32.908417</latitude>
                  <longitude>-79.60144</longitude>
                  <photos>
                        <photo>
                              <url>http://rms5.resortplanet.com/TESTING/UNIT77-2.JPG</url>
                              <longComment/>
                              <shortComment/>
                        </photo>
                  </photos>
                  <comments>
                        <comment>Web comment 1</comment>
                        <comment>web comment 2</comment>
                        <comment>web comment 3</comment>
                        <comment>web comment 4</comment>
                        <comment>web comment 5</comment>
                  </comments>
                  <rates />
                  <unitDetailLink/>
                  <rateTotal>500.0</rateTotal>
                  <rentStandardAmount>500.0</rentStandardAmount>
```

```
                <rentDiscountAmount>0.0</rentDiscountAmount>
                <rentDiscountPercent>0.0</rentDiscountPercent>
                <rentAfterDiscount>500.0</rentAfterDiscount>
                <tax1>5.0</tax1>
                <tax2>10.0</tax2>
                <tax3>15.0</tax3>
                <taxTotal>30.0</taxTotal>
                <securityDeposit>0.0</securityDeposit>
                <depositDue>0.0</depositDue>
                <equipmentAmount>0.0</equipmentAmount>
                <grandTotal>566.0</grandTotal>
                <chargeAmount>36.0</chargeAmount>
                <rentChargeAmountRemoved>0.0</rentChargeAmountRemoved>
            </unit>
        </units>
</unitSearchResponse>
```

Notes: For availability searches, the arrival and departure dates and number of adults and children are required, all other parameters are optional. If the departure date (departureDate) is left null, RMS will perform a non-dated lookup and return a list of units that match the given search criteria (no prices will be returned).

If the excludeUnit parameter is provided, RMS will not return the specified unit in its response. The use of the excludeUnit parameter requires the Limited Search flag to be set in RMS. An excludeUnit example scenario would be:

1. *The Client web site posts a search request to the RMS API (with RMS in Limited Search mode) with excludeUnit null (no units to exclude, first search).*
2. *RMS finds and returns the number of units specified in RMS as Limited Search limit #1. This number can be 10, 20, etc but will generally be less than the number of total units in the client system.*
3. *The client web site posts a search request to the RMS API with the excludeUnit parameter containing the previously returned units.*

10b.) Method Name: Select Unit Availability Search
(Returns one available unit's pricing)
HTTP Verb: GET
Parameters:

arrivalDate	equipment.delivery
departureDate	equipment.pickup
earlyOrLateDepart	unitId
reservationStatus	promotionCode
numberOfAdults	
numberOfChildren	
charge.id	
charge.enabled	
equipment.id	
equipment.quantity	

Example URLs:
- **Scenario #1 –** **Search request with unit id provided, charges and equipment details are not known:**
  https://portal7.resortplanet.com/rms-live/xml/unit/search?
  arrivalDate=07/02/2016&**departureDate**=07/09/2016&**earlyOrLateDepart**=&**unitId**=123&**reservationStatus**=A&**promotionCode**=&**numberOfAdults**=2&**numberOfChildren**=2
- **Scenario #2 –** **Search request with unit id provided, charges and equipment details are known:**
  https://portal7.resortplanet.com/rms-live/xml/unit/search?
  arrivalDate=07/02/2016&**departureDate**=07/09/2016&**earlyOrLateDepart**=&**unitId**=123&**reservationStatus**=A&**promotionCode**=&**numberOfAdults**=2&**numberOfChildren**=2&**charge.id**=FEE&**charge.enabled**=true&**charge.id**=PARK&**charge.enabled**=true&**equipment.id**=BIKE&**equipment.quantity**=0&**equipment.delivery**=07/02/2016&**equipment.pickup**=07/09/2016

<u>Example Return XML</u>:

```
<unitSearchResponse>
      <reservationStatus>A</reservationStatus>
      <arrivalDate>07/02/2016</arrivalDate>
      <departureDate>07/09/2016</departureDate>
      <numberOfAdults>2</numberOfAdults>
      <numberOfChildren>2</numberOfChildren>
      <units>
            <unit>
                  <unitId>UNIT2</unitId>
                  <numberOfBedrooms>2</numberOfBedrooms>
                  <numberOfBathrooms>2.0</numberOfBathrooms>
                  <maximumNumberOfPeople>12</maximumNumberOfPeople>
                  <sleepingAccommodations>K,K,Q,2T</sleepingAccommodations>
                  <description>This is the unit description.</description>
                  <localAddress>2 North Street</localAddress>
                  <location>L2</location>
                  <locationDescription>Location 2</locationDescription>
                  <section>S2</section>
                  <sectionDescription>Section 2</sectionDescription>
                  <featured>Featured</featured>
                  <rentalStatus>S</rentalStatus>
                  <equipment>
                        <equipmentItem>
                              <id>BIKE</id>
                              <quantity>0</quantity>
                              <amount>0.0</amount>
                              <deliveryDate>04/05/2014</deliveryDate>
                              <pickupDate>04/12/2014</pickupDate>
                              <description>These are bikes.</description>
                              <longDescription>These bikes are very nice!</longDescription>
                        </equipmentItem>
                  </equipment>
                  <charges>
                        <charge>
                              <id>LINEN</id>
                              <amount>36.0</amount>
                              <description>Linen Charge</description>
                              <longDescription>This is the linen charge.</longDescription>
                              <priceText>Cost is $9.00 per person.</priceText>
                              <option>R</option>   ← Indicates charge is required
                              <enabled>true</enabled>
                        </charge>
                        <charge>
                              <id>IR</id>
                              <amount>40.0</amount>
                              <description>Unit Based Charge</description>
                              <longDescription>This is the long desc.</longDescription>
                              <priceText> This charge is $40.00</priceText>
                              <option>R</option>   ← Indicates charge is required
                              <enabled>true</enabled>
                        </charge>
                  </charges>
                  <searchFields>
                        <label description='No'>Pool</label>
                        <label description='No'>Smoking</label>
                        <label description='Yes'>Hot Tub</label>
                        <label description='No'>Balcony</label>
                        <label description='Yes'>Pool Table</label>
                        <label description='Yes'>Wi-Fi</label>
                  </searchFields>
                  <miscellaneousFields>
                        <label field="Yes">Washer</label>
                        <label field="Yes">Dryer</label>
                        <label field="No">Dishwasher</label>
                        <label field="No">Game Table</label>
                        <label field="No">Pool</label>
                  </miscellaneousFields>
                  <latitude>32.908417</latitude>
                  <longitude>-79.60144</longitude>
```

```xml
                    <thumbnail/>
                    <photos>
                        <photo>
                            <url>http://rms5.resortplanet.com/TESTING/UNIT2-2.JPG</url>
                            <longComment/>
                            <shortComment/>
                        </photo>
                    </photos>
                    <comments>
                        <comment>Web comment 1</comment>
                        <comment>web comment 2</comment>
                        <comment>web comment 3</comment>
                        <comment>web comment 4</comment>
                        <comment>web comment 5</comment>
                    </comments>
                    <rates>
                        <rate>
                            <startDate>01-01-2016</startDate>
                            <endDate>12-31-2016</endDate>
                            <description>All Year</description>
                            <weeklyRate>1500.00</weeklyRate>
                            <dailyRate>0.0</dailyRate>
                            <minimumNightStay>3</minimumNightStay>
                            <checkInDays>
                                <saturdayCheckInAllowed>true</saturdayCheckInAllowed>
                                <sundayCheckInAllowed>true</sundayCheckInAllowed>
                                <mondayCheckInAllowed>true</mondayCheckInAllowed>
                                <tuesdayCheckInAllowed>false</tuesdayCheckInAllowed>
                                <wednesdayCheckInAllowed>true</wednesdayCheckInAllowed>
                                <thursdayCheckInAllowed>true</thursdayCheckInAllowed>
                                <fridayCheckInAllowed>true</fridayCheckInAllowed>
                            </checkInDays>
                            <dailyRateSunday>999.99</dailyRateSunday>
                            <dailyRateMonday>999.99</dailyRateMonday>
                            <dailyRateTuesday>999.99</dailyRateTuesday>
                            <dailyRateWednesday>999.99</dailyRateWednesday>
                            <dailyRateThursday>999.99</dailyRateThursday>
                            <dailyRateFriday>999.99</dailyRateFriday>
                            <dailyRateSaturday>999.99</dailyRateSaturday>
                        </rate>
                    </rates>
                    <unitDetailLink/>
                    <thumbnail/>
                    <rateTotal>0.0</rateTotal>
                    <tax1>0.0</tax1>
                    <tax2>0.0</tax2>
                    <tax3>0.0</tax3>
                    <taxTotal>0.0</taxTotal>
                    <securityDeposit>0.0</securityDeposit>
                    <depositDue>0.0</depositDue>
                    <equipmentAmount>0.0</equipmentAmount>
                    <grandTotal>0.0</grandTotal>
                    <chargeAmount>0.0</chargeAmount>
                    <rentStandardAmount>0.0</rentStandardAmount>
                    <rentDiscountAmount>0.0</rentDiscountAmount>
                    <rentDiscountPercent>0.0</rentDiscountPercent>
                    <rentAfterDiscount>0.0</rentAfterDiscount>
                    <rentChargeAmountRemoved>0.0</rentChargeAmountRemoved>
                </unit>
            </units>
        </unitSearchResponse>
```

Notes: The arrival date, departure date and unit id are required. Charges that are returned when using the URLs as in Scenarios #1 and & #2 above will always be included in the unit's pricing unless they are removed. To remove a charge you must pass the charge.enabled flag as no, Ex. - charge.id=PARK&charge.enabled=no.

11.) Method Name: Book Reservation
HTTP Verb: GET
Parameters:

reservation.statusCode	reservation.cellPhone	reservation.tax1	charge.enabled
reservation.arrival	reservation.homePhone	reservation.tax2	equipment.id
reservation.departure	reservation.officePhone	reservation.tax3	equipment.amount
reservation.unitId	reservation.faxPhone	reservation.securityDeposit	equipment.quantity
reservation.numberOfAdults	reservation.otherPhone1	reservation.grandTotal	equipment.deliveryDate
reservation.numberOfChildren	reservation.otherPhone2	reservation.depositDue	equipment.pickupDate
reservation.firstName	reservation.email	reservation.depositType	reservation.operator
reservation.lastName	reservation.emailCc1	reservation.operator	reservation.discountGroupCode
reservation.addressLine1	reservation.emailCc2	creditCard.expiration	reservation.discountLevel
reservation.addressLine2	reservation.emailCc3	creditCard.name	reservation.promotionCode
reservation.city	reservation.notePrefix	creditCard.number	
reservation.state	reservation.note	creditCard.securityCode	
reservation.zipCode	reservation.guestRent	charge.id	
reservation.foreignAddress	reservation.taxTotal	charge.amount	

Example URL:

https://portal7.resortplanet.com/rms-live/xml/unit/book?
reservation.statusCode=A&**reservation.arrival**=07/02/2016&**reservation.departure**=07/09/2016&**reservation.unitId**=UNIT2&**reservation.numberOfAdults**=2&**reservation.numberOfChildren**=0&**reservation.firstName**=John&**reservation.lastName**=Doe&**reservation.addressLine1**=123 Test Street&**reservation.addressLine2**=Suite 10&**reservation.city**=Denver&**reservation.state**=CO&**reservation.zipCode**=80602&**reservation.foreignAddress**=&**reservation.cellPhone**=8003665152&**reservation.homePhone**=8435555565&**reservation.officePhone**=8437954110&**reservation.faxPhone**=8437954665&**reservation.otherPhone1**=3035551212&**reservation.otherPhone2**=&**reservation.email**=johndoe@testemail.com&**reservation.emailCc1**=janedoe@testemail.com&**reservation.emailCc2**=&**reservation.emailCc3**=&**reservation.notePrefix**=Guest Comment:&**reservation.note**=This is a comment&**reservation.guestRent**=875.00&**reservation.taxTotal**=0.40&**reservation.tax1**=0.40&**reservation.tax2**=0.00&**reservation.tax3**=0.00&**reservation.securityDeposit**=0.00&**reservation.grandTotal**=1053.40&**reservation.depositDue**=0.00&**reservation.depositType**=CREDITCARD&**reservation.operator**=WEB& **creditCard.expiration**=02-2012& **creditCard.name**=John Doe& **creditCard.number**=4111111111111111& **creditCard.securityCode** =123& **charge.id**=IR&**charge.amount**=40.00&**charge.enabled**=true&**charge.id**=LINEN&**charge.amount**=18.00&**charge.enabled**=true&**charge.id**=1&**charge.amount**=120.00&**charge.enabled**=true

Example Return XML (error response):
```
<reservationBooking>
      <booked>false</booked>
      <reservationId></reservationId>
      <message>Grand total sent does not add up to items sent</message>
</reservationBooking>
```

Example Return XML (successful booking):
```
<reservationBooking>
      <booked>true</booked>
      <reservationId>1234</reservationId>
      <message/>
</reservationBooking>
```

Notes: The sum of the guest rent, charges, security deposit, taxes and equipment items must be equal to the value sent in the grandTotal field. If the field reservation.depositType is not provided, RMS will default to CREDITCARD. The three possible values for the reservation.depositType field are CREDITCARD, CHECKPROMISE and NOTREQUIRED. The field reservation.operator refers to the field in RMS that stores the initials of the RMS operator who booked the reservation. We recommend using operator initials WEB as shown in the above example.

12.) Method Name: Promotion Code Listing
HTTP Verb: GET
Parameters: None
Example URL:
https://portal7.resortplanet.com/rms-live/xml/promotions/list
Example Return XML:
```
<promotions>
```

```
            <promotion>
                <id>15OFF</id>
                <description>15 Percent Off</description>
                <includedText>15 Percent Off.</includedText>
                <restrictionsText>This promotion applies to certain units.</restrictionsText>
                <arrivalBeginDate>08/01/16</arrivalBeginDate>
                <departureEndDate>11/28/16</departureEndDate>
                <bookByBeginDate>04/01/16</bookByBeginDate>
                <bookByEndDate>05/31/16</bookByEndDate>
                <arrivalDays>
                    <day name="Saturday">true</day>
                    <day name="Sunday">true</day>
                    <day name="Monday">true</day>
                    <day name="Tuesday">false</day>
                    <day name="Wednesday">true</day>
                    <day name="Thursday">true</day>
                    <day name="Friday">true</day>
                </arrivalDays>
                <departureDays>
                    <day name="Saturday">true</day>
                    <day name="Sunday">true</day>
                    <day name="Monday">true</day>
                    <day name="Tuesday">true</day>
                    <day name="Wednesday">true</day>
                    <day name="Thursday">false</day>
                    <day name="Friday">false</day>
                </departureDays>
                <minimumNights>4</minimumNights>
                <numberOfBedrooms>0</numberOfBedrooms>
                <sectionId>S1</sectionId>
                <locationId>L1</locationId>
                <units>
                    <unit>
                        <id>12BC3</id>
                    </unit>
                    <unit>
                        <id>7M2BERE</id>
                    </unit>
                    <unit>
                        <id>CAP891</id>
                    </unit>
                </units>
            </promotion>
    </promotions>
```

Notes: The local company creates and maintains each promotion in the list. The dates in fields arrivalBeginDate and departureEndDate, if specified, are the dates that the guests must arrive on/after and depart before to qualify for the promotion. The dates in fields bookByBeginDate and bookByEndDate, if specified, are the dates between which the guest must book to qualify for the promotion. The days of the week listed in the arrivalDays and departureDays fields establish which days of the week the guest must arrive and/ or depart to qualify for the promotion. If a value is specified in the minimumNights field, it establishes the required minimum number of nights that the guest must stay to qualify for the promotion. If values are specified in the numberOfBedrooms, sectionId and/or locationId fields, the units having these characteristics assigned are eligible for the promotion. If unit id's have been provided, the promotion applies exlusively to these units.

RMS will respect each of the previously mentioned fields when searching for and/or booking reservations. Note that to apply a specific promotion to a unit or list of units using methods 9a., 9b. and 10, the promotionCode URL parameter must be set to a valid promotion code id. All restrictions listed above must be considered prior to calling the API.

End of document.