Public Interface Specification
Version 2.0

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2 Introduction

This document describes the protocol to provide for the exchange of information between the Property Management System (RMS) and the Third Party Applications.

This document will list the available public functions that RMS will expose.

It is intended that this document will be updated, if and when, these web services are expanded, or new services are provided.

Third party applications will be required to undergo RMS Testing and certification before they are authorised to use this protocol. For information about the process and costs involved, please contact your nearest RMS Sales office.

3 Protocol

3.1 Web Services

Web Services provide a standard means of interoperating between different applications, running on a variety of platforms and/or frameworks. The web services allow for the exchange of basic data that will allow Third Parties to develop against.

The RMS Public Service is a WCF service. It can be utilized by most common programming languages including VB.NET, C# and Java. **Please note**. The RMS Development team are only familiar with .NET languages so will be not be able to assist with establishing WCF communication protocols in other languages.

The primary URL of the web service is https://api.rms.com.au/RMSPublicService/RMSPublicService.ServiceLibrary.svc It should be used to retrieve the WSDL and make the first GetConnectionInfo() call

For the best performance, the client specific URL should be used for all calls made after the initial GetConnectionInfo()

3.2 Authentication

To use the Public Web Services you need to provide Authentication to prove you are an authorized agent, and that you have access to the Client data requested. This Agent Id is unique to you and can be used to access all Clients.

Each RMS Client also has a unique Client No and Password. If the Client using the service does not know their password, it can be obtained by contacting RMS Support.

For testing purposes the following details can be used. Please note. These agent credentials will only connect to a RMS Testing Database. Access will be denied to real client data until the application has been certified by RMS.

Agent Id: 15
Agent Password: 1h&29$vk449f8

RMS Client Id: 3038
RMS Client Password: X!b69rN*

3.3 Dates and Times

Due to WCF automatic time conversion, date parameters must be sent without the time zone offset present.

Eg.
A date formatted as 2014-10-11T15:30:00+08:00 will be converted to 2014-10-11T17:30:00+10:00 causing inconsistent results

A date formatted as 2014-10-11T15:30:00 will not be converted and will be processed by the server as 2014-10-11T15:30:00

To achieve this in VB.NET use the following syntax

```
DateTime.SpecifyKind(<THEDATE>, DateTimeKind.Unspecified)
```

4 Public Methods

4.1 TestCall() as String

Used to confirm the ability to communicate with the service. If successful it will return “Hello World!!!”.

4.2 GetConnectionInfo() as ConnectionInfoResponse

Returns the Authentication Token and Connection information required for subsequent calls to the API.

This information should be retrieved and stored on startup of your application as it is used for every call to the Public Service. The information will change very rarely so retrieving it on startup, and then refreshing it every 4-8 hours is sufficient in most cases. However, having an option to manually refresh the token is advisable.

Please note. This call takes roughly 1 second on a good internet connection so retrieving it before every call will slow down you application significantly.

Parameters	Type	Required	Description
oRequest	**Class** ConnectionInfoRequest	Yes	Client and Agent information

4.3 GetPropertyName() as String

Returns the Name of the Master RMS Property.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation

4.4 GetListOfSundryCharges() as Class SundryBasic()

Returns the List of Sundry charges configured in the RMS system. A valid sundry id is required to post charges to the RMS Service

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation

4.5 GetListOfProperties() as Class PropertyBasic()

Returns the list of Properties configured in the RMS database.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation

4.6 GetListOfCategories() as Class CategoryBasic()

Returns the list of Categories configured in the RMS database in the Properties requested.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
lstOfPropertyIds	**List Of Integer**	No	The list of properties to return categories for. If no properties are specified then all categories will be returned.

4.7 GetListOfAreas() as Class AreaBasic()

Returns the list of Areas configured in the RMS database in the Properties or Categories requested.
Note: If lstOfPropertyIds and lstOfCatIds are specified, only lstOfCatIds will be used.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
lstOfPropertyIds	**List Of Integer**	No	The list of properties to return areas for. If no properties are specified then all areas will be returned.
lstOfCatIds	**List Of Integer**	No	The list of categories to return areas for. If no categories are specified then all areas will be returned.

4.8 GetListOfAreasSetup() as Class AreaSetup()

Returns the list of Areas with detailed information configured in the RMS database in the Properties or Categories requested.
Note: If lstOfPropertyIds and lstOfCatIds are specified, only lstOfCatIds will be used.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
lstOfPropertyIds	**List Of Integer**	No	The list of properties to return areas for. If no properties are specified then all areas will be

			returned.
lstOfCatIds	**List Of Integer**	No	The list of categories to return areas for. If no categories are specified then all areas will be returned.

4.9 GetListOfCreditCards() as Class CreditCardBasic()

Returns the List of Credit Cards configured in the RMS System. A valid Credit Card Id is required to post credit card transactions to the RMS Service.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation

4.10 ProcessTransactions() as Class TransactionResult()

Posts charges and receipts to the RMS database.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
oRequest	**Class (TransactionRequest)**	Yes	Request Object

4.11 GetSystemLabels() as Class SystemLabelsScreenData

Returns the list of customisable labels and field names in RMS and what the Property has named each of them.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation

4.12 GetListOfReservations() as Class ResResult

Returns a list of reservations based on the selection parameters in the Request object.

To ensure the quickest response times, only the most used fields (defined below) are filled in the Response by default. To have other fields filled, they must be enabled in the Request.ResOptionalFieldList and Request.ClientOptionalFieldList.

Please Note. A maximum of 3000 records will be returned per call.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
oResRequest	**Class (ResRequest)**	Yes	Contains search parameters to use and the list of fields to return in the reservation search.

4.13 GetListOfClients() as Class ClientResult

Returns a list of clients based on the selection parameters in the Request object.

To ensure the quickest response times the most used fields (defined below) are filled in the Response by default. To have other fields filled, they must be enabled in the Request.ClientOptionalFieldList class.

Please Note. A maximum of 3000 records will be returned per call.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
oClientRequest	**Class (ClientRequest)**	Yes	Contains search parameters to use and the list of fields to return in the client search.

4.14 SetBillPending() as Boolean

Toggles the Reservation Bill Pending status. When this is set to True, the reservation cannot be checked out. The result of the call will be True if the update was successful.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
nResId	**Integer**	Yes	The ResId to update
bPending	**Boolean**	Yes	The new Pending status

4.15 GetListOfCompanies() as Class CompanyBasic()

Returns the list of Companies in the system.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation

4.16 GetListOfClassifications() as Class ClassificationBasic()

Returns the list of Classifications in the system.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation

4.17 AllowedToPostCharge() as Class AllowedToPostChargeResult()

Returns whether the Client specified is allowed to post a charge based on a number of rules includeing whether the client has a valid reservation. Either the Client Id or MembershipNo must be supplied.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
oRequest	**Class (AllowedToPostChargeRequest)**	Yes	Contains search parameters to use

4.18 GetAvailability() as Class AvailabilityResponse ()

This call returns a list of areas available for each category based on the properties and categories past in by the request.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
oRequest	**Class (AvailabilityRequest)**	Yes	Contains search parameters to use

4.19 SaveClientDetails() as Class ClientRecord()

Creates or Updates a Client Record. If ClientId is 0 a new record is created, If ClientId is not 0, client will be updated. Note. All fields will be updated every time so GetListOfClients should be used first to prime client before updating.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
oRequest	**Class (SaveClientRequest)**	Yes	Contains date and client record

4.20 RetrieveCompanyLite() as Class CompanyLite ()

This call returns a list of companies available in the database.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
lstCompanyIds	**List of Integers**	Yes	List of company Ids. If set to Nothing, all companies are returned.

4.21 RetrieveTravelAgentLite() as Class TravelAgentLite()

This call returns a list of travel agents available in the database.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
lstAgentIds	**List of Integers**	Yes	List of Travel Agent Ids. If set to Nothing, all travel agents are returned.

4.22 RetrieveHoldLite() as Class HoldLite ()

This call returns a list of holds setup in the database.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
lstHoldIds	**List of Integers**	Yes	List of Hold Ids. If set to Nothing, all holds are returned.

4.23 RetrieveHeldLite() as Class HeldLite()

This call returns a list of held information setup in the database.

Parameters	Type	Required	Description
sToken	**String**	Yes	Token for Validation
lstHeldIds	**List of Integers**	Yes	List of Held Ids. If set to Nothing, all helds are returned.

4.24 SaveCompanyDetails() as Class CompanyLite ()

This call allows you to create or edit a company. If the Company.CompanyId parameter in the oRequest class is set to 0, then it will create a new company. To edit a company's details, pass in the value of the company id in this parameter.

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
oRequest	Class (SaveCompanyRequest)	Yes	Contains company information to save.

4.25 SaveTravelAgentDetails() as Class TravelAgentLite ()

This call allows you to create or edit a travel agent. If the TravelAgent.AgentId parameter in the oRequest class is set to 0, then it will create a new travel agent. To edit a travel agent's details, pass in the value of the travel agent id in this parameter.

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
oRequest	Class (SaveTravelAgentRequest)	Yes	Contains travel agent information to save.

4.26 SaveHoldDetails() as Class HoldLite ()

This call allows you to create or edit a hold record. If the Hold.HoldId parameter in the oRequest class is set to 0, then it will create a new hold record. To edit a hold record, pass in the value of the hold id in this parameter.

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
oRequest	Class (SaveHoldRequest)	Yes	Contains reservation hold information to save.

4.27 SaveHeldDetails() as Class HeldLite ()

This call allows you to create or edit a held record. If the Held.HeldId parameter in the oRequest class is set to 0, then it will create a new held record. To edit a held record, pass in the value of the held id in this parameter.

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
oRequest	Class (SaveHeldRequest)	Yes	Contains travel information or category information to save.

4.28 CreateClient() As Integer

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
oClient	Class (ClientLite)	Yes	Contains information about the client to be created

4.29 GetClient() as Class ClientLite

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
nClientId	Integer	Yes	The Client Id of the client to retrieve

4.30 UpdateClient as Boolean

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
oClient	Class (ClientLite)	Yes	Contains information about the client to be created
dDateOfNow	Date	Yes	The current date/time of the system the interface is running on

4.31 GetListOfRegoNumbers as List of Class RegoNumbersResults

Parameters	Type	Required	Description
sToken	String	Yes	Token for Validation
oRegoRequest	Class (RegoNumbersRequest)	Yes	Contains parameters that determine which Rego and Access No's are return

5 Appendix A – Class Definitions

5.1 ConnectionInfoRequest

Property	Type	Description
AgentId	**Integer**	The Agent Id supplied to you by RMS to access the API. This is the same for all client's your application connects to.
AgentPassword	**String**	The Agent Password supplied to you by RMS
RMSClientNo	**Integer**	The Client No of the RMS Client you want to access the API on behalf of.
ClientPassword	**String**	The Public API password for the Client Id
TrainingDatabase	**Boolean**	Whether to connect to the Client's Live or Training database

5.2 ConnectionInfoResponse

Property	Type	Description
Token	**String**	The Authentication token required for subsequent calls to the API
WebserviceURL	**String**	The WebserviceURL to use for subsequent calls to the API. See Appendix 6.6 for an example of how to use a specific URL.
WebserviceURLPrefix	**Integer**	The prefix of the WebserviceURL to use for subsequent calls to the API

5.3 SundryBasic

Property	Type	Description
SundryId	**Integer**	The ID of the Sundry
Description	**String**	The name of the Sundry
UnitPrice	**Decimal**	The price per unit of the Sundry
GLCodeId	**Integer**	The General Ledger ID of the Sundry
GLCode	**String**	The General Ledger Description of the Sundry
CreditNote	**Boolean**	Whether the Sundry is a Credit Note

5.4 PropertyBasic

Property	Type	Description
PropertyId	**Integer**	The ID of the Property in the RMS database
PropertyName	**String**	The Name of the Property
RMSClientId	**Integer**	The RMSClientID of the Property. This may be different to the RMSClientId of the Master Property in a Multi Property database.

5.5 CategoryBasic

Property	Type	Description
CatId	**Integer**	The ID of the Category in the RMS database
Category	**String**	The Name of the Category
CategoryClass	**CategoryClass**	Whether the Category is Accomm or Facility.

5.6 AreaBasic

Property	Type	Description
AreaId	**Integer**	The ID of the Area in the RMS database
Area	**String**	The Name of the Area

5.7 AreaDetail

Property	Type	Description
AreaId	**Integer**	The ID of the Area in the RMS database
Area	**String**	The Name of the Area
MaxOccupants	**Integer**	The maximum amount of people allowed in the Area
CleanStatus	**Enum CleanStatus**	The clean status of the Area (VacantClean, VacantDirty, Occupied etc)
Description	**String**	The long description for the Area
AreaStats	**Boolean**	Whether to include the Area in stats like occupancy
Spare1	**String**	User definable spare field 1 on the Area

Spare2	**String**	User definable spare field 2 on the Area
Ext	**String**	Comma delimited list of PABX extensions for the Area

5.8 CreditCardBasic

Property	Type	Description
CardId	**Integer**	The ID of the Credit Card in the RMS database
CreditCard	**String**	The description of the Credit Card

5.9 TransactionRequest

Property	Type	Description
DateOfNow	**Date**	The current date at location of the transactions.
Source	**Enum (TransactionSource)**	The source of the transactions (POS, PABX etc)
Transactions	**Listof Classes (Transaction)**	The list of transactions to post

5.10 TransactionResult

Property	Type	Description
TransId	**Integer**	RMS assigned unique transaction ID. This will be 0 if the transaction failed.
Transaction	**Class (Transaction)**	The transaction class sent in the Request

5.11 Transaction

Property	Type	Description
TransactionType	**Enum (TransactionType)**	Type of transaction. (Charge or Receipt)
AccId	**Integer**	The Account Id of the account the transaction is posted too. This will usually be retrieved from a Client or Reservation
AccountType	**Enum (AccountType)**	The account the transaction is posted to (Accom, Extras, PABX, Internet etc)
DateOfTransaction	**Date**	Date of the transaction
Description	**String (70)**	Description for the transaction
Comment	**String (100)**	Additional comments for the transaction
Amount	**Decimal**	Amount of the transaction
SundryId	**Integer**	Id of the Sundry Charge for this Transaction
ReceiptType	**Enum (ReceiptType)**	Type of Receipt (Cash, Cheque, Credit Card etc)
CardId	**Integer**	Id of the Credit Card Type used for this transaction
UniqueId	**Integer**	The unique id from the calling application

5.12 SystemLabelsScreenData

Property	Type	Description
lblClient	**String**	The label used for Client’s / Guest’s
lblArea	**String**	The label used for Area’s
lblResType	**String**	The label used for Restype‘s
lblTariff	**String**	The label used for Tariff‘s
lblCompany	**String**	The label used for Companies
lblGroupname	**String**	The label used for Groupname
lblBookingSource	**String**	The label used for Booing Sources‘s
lblInfant	**String**	The label used for Infant‘s
lblDwelling	**String**	The label used for Dwelling‘s
lblHold	**String**	The label used for Hold Records (R&R)
lblCoordinatorOne	**String**	The label used for Coordinator One
lblCoordinatorTwo	**String**	The label used for Coordinator Two
lblResNote	**String**	The label used for Res Note’s
lblHousekeeperNote	**String**	The label used for Housekeeper Note‘s
lblPostalSort	**String**	The label used for Post Sort
lblReservation	**String**	The label used for Reservations
lblCategory	**String**	The label used for Categories
lblArrive	**String**	The label used for Arrive on the Res
lblDepart	**String**	The label used for Depart on the Res
lblABN	**String**	The label used for ABN
lblClientStatus	**String**	The label used for Client Status
lblVoucherNo	**String**	The label used for Voucher’s
lblActivity	**String**	The label used for Activities
lblTravelAgent	**String**	The label used for Travel Agent’s
lblGST	**String**	The label used for Tax (GST, VAT etc)

lblEFTPOS	**String**	The label used for EFTPos
lblAccom	**String**	The label used for the Accommodation account
lblExtras	**String**	The label used for the Extras account
lblAdditionalTariff1	**String**	The label used for Additional Tariff 1
lblAdditionalTariff2	**String**	The label used for Additional Tariff 2
lblAdditionalTariff3	**String**	The label used for Additional Tariff 3
lblAdditionalTariff4	**String**	The label used for Additional Tariff 4
lblAdditionalTariff5	**String**	The label used for Additional Tariff 5
lblAdditionalTariff6	**String**	The label used for Additional Tariff 6
lblAdditionalTariff7	**String**	The label used for Additional Tariff 7
lblSurname	**String**	The label used for Surname
lblGiven	**String**	The label used for Given
lblTown	**String**	The label used for Town
lblPostcode	**String**	The label used for Postcode / Zipcode
lblBlacklist	**String**	The label used for the Client Blacklist field
lblClientSpare1	**String**	The label used for Client Spare field 1
lblClientSpare2	**String**	The label used for Client Spare field 2
lblClientSpare3	**String**	The label used for Client Spare field 3
lblClientSpare4	**String**	The label used for Client Spare field 4
lblClientSpare5	**String**	The label used for Client Spare field 5
lblClientSpare6	**String**	The label used for Client Spare field 6
lblClientSpare7	**String**	The label used for Client Spare field 7
lblClientSpare8	**String**	The label used for Client Spare field 8
lblClientSpare9	**String**	The label used for Client Spare field 9
lblClientSpare10	**String**	The label used for Client Spare field 10
lblClientSpare11	**String**	The label used for Client Spare field 11
lblClientSpare12	**String**	The label used for Client Spare field 12
lblClientSpare13	**String**	The label used for Client Spare field 13
lblClientSpare14	**String**	The label used for Client Spare field 14
lblClientSpare15	**String**	The label used for Client Spare field 15
lblClientSpare16	**String**	The label used for Client Spare field 16
lblSpare1	**String**	The label used for Res Spare field 1
lblSpare2	**String**	The label used for Res Spare field 2
lblSpare3	**String**	The label used for Res Spare field 3
lblSpare4	**String**	The label used for Res Spare field 4
lblSpare5	**String**	The label used for Res Spare field 5
lblSpare6	**String**	The label used for Res Spare field 6
lblSpare7	**String**	The label used for Res Spare field 7
lblSpare8	**String**	The label used for Res Spare field 8
lblSpare9	**String**	The label used for Res Spare field 9
lblSpare10	**String**	The label used for Res Spare field 10
lblSpare11	**String**	The label used for Res Spare field 11
lblSpare12	**String**	The label used for Res Spare field 12
lblSpare13	**String**	The label used for Res Spare field 13
lblSpare14	**String**	The label used for Res Spare field 14
lblSpare15	**String**	The label used for Res Spare field 15
lblCreditCard	**String**	The label used for Credit Card's
lblDirectCredit	**String**	The label used for DirectCredit in the system
Spare1_Mandatory	**Boolean**	Whether Res spare field 1 must have a value when saving a reservation
Spare2_Mandatory	**Boolean**	Whether Res spare field 2 must have a value when saving a reservation
Spare3_Mandatory	**Boolean**	Whether Res spare field 3 must have a value when saving a reservation
Spare4_Mandatory	**Boolean**	Whether Res spare field 4 must have a value when saving a reservation
Spare5_Mandatory	**Boolean**	Whether Res spare field 5 must have a value when saving a reservation
Spare6_Mandatory	**Boolean**	Whether Res spare field 6 must have a value when saving a reservation
Spare7_Mandatory	**Boolean**	Whether Res spare field 7 must have a value when saving a reservation
Spare8_Mandatory	**Boolean**	Whether Res spare field 8 must have a value when saving a reservation
Spare9_Mandatory	**Boolean**	Whether Res spare field 9 must have a value when saving a reservation
Spare10_Mandatory	**Boolean**	Whether Res spare field 10 must have a value when saving a reservation

5.13 ResRequest

Property	Type	Description

ArriveFrom	**Datetime**	Return Reservations Arriving after this date and time
ArriveTo	**Datetime**	Return Reservations Arriving before this date and time
DepartFrom	**Datetime**	Return Reservations Departing after this date and time
DepartTo	**Datetime**	Return Reservations Departing before this date and time
CreatedFrom	**Datetime**	Return Reservations Created after this date and time
CreatedTo	**Datetime**	Return Reservations Created before this date and time
ModifiedFrom	**Datetime**	Return Reservations Modified after this date and time
ModifiedTo	**Datetime**	Return Reservations Modified before this date and time
CheckInFrom	**Datetime**	Return Reservations Checked In after this date and time
CheckInTo	**Datetime**	Return Reservations Checked In before this date and time
CheckOutFrom	**Datetime**	Return Reservations Checked Out after this date and time
CheckOutTo	**Datetime**	Return Reservations Checked Out before this date and time
ResIdFrom	**Integer**	Return Reservations with a ResId greater than this
ResIdTo	**Integer**	Return Reservations with a ResId less than this
ListOfResIds	**Listof Integer**	Return only reservations in this list
ListOfGrpResIds	**Listof Integer**	Return only reservations with a Group Res id in this list
ListOfAreaIds	**Listof Integer**	Return reservations in this list of Areas
ListOfCatIds	**Listof Integer**	Return reservations in this list of Categories
ListOfPropertyIds	**Listof Integer**	Return reservations in this list of Properties
ListOfClientIds	**Listof Integer**	Return reservations where the Primary client matches one of this list
ListOfStatus	**Listof Enum (ResStatus)**	Return reservations with these status'. *If not supplied only Arrived, Departed, Confirmed and Unconfirmed will be returned.*
IncludeGroupMaster Reservations	**Boolean**	Return Group Master reservations. (these should not be counted toward occupancy)
IncludeSecondaryCl ients	**Boolean**	By default only the primary client is returned for each reservation. Enable this to return all clients.
ResOptionalFieldLi st	**Class OptionalFieldsRes**	Which optional Res fields are to be filled in the response
ClientOptionalFiel dList	**Class OptionalFieldsClient**	Which optional Client fields are to be filled in the response
RegoNumber	**String**	Return Reservations with this Rego Number attached

5.14 ResResult

Property	Type	Description
ResultCode	**Enum ResultCode**	The status of the request.
ResultMessage	**String**	A description of the result code
RecordsFound	**Integer**	The number of Records found including secondary clients if requested.
ListOfRes	**Listof Class (ResRecord)**	The reservations that match the search parameters provided

5.15 ResRecord

Property	Type	Returned by Default	Description
ResId	**Integer**	True	The Id of the Reservation, this is unique and should be used as the foreign key in 3rd party systems.
GroupResId	**Integer**	True	The Id of the Group reservation if the Res is part of a group booking. Group masters will have their ResId as the GroupResId
GroupMaster	**Boolean**	True	Whether the Reservation is a Group Master. Group masters are just used for grouping "real" reservations.
AccountId	**Integer**	True	The Account Id of the Res. When posting charges, this is the Id that should be used.
Arrive	**Datetime**	True	Arrival Date of the Reservation
Depart	**Datetime**	True	Departure Date of the Reservation
CheckInDate	**Datetime**	False	Actual Checkin Date of the Reservation
CheckOutDate	**Datetime**	False	Actual CheckOut Date of the Reservation
Status	**Enum ResStatus**	True	Status of the Reservation
PrimaryClient	**Class ClientRecord**	True	Details of the Primary Client attached to the Reservation
ListOfSecondaryClients	**Listof Class ClientRecord**	False	Details of Secondary Clients attached to the Reservation
Adults	**Integer**	True	No of Adults on the Reservation
Children	**Integer**	False	No of Children on the Reservation

Infants	**Integer**	False	No of Infants on the Reservation
AreaId	**Integer**	True	Id of the Area the Reservation is in
AreaName	**String**	True	Name of the Area the Reservation is in
CategoryId	**Integer**	False	Id of the Category the Reservation is in
CategoryName	**String**	False	Name of the Category the Reservation is in
PropertyId	**Integer**	False	Id of the Property the Reservation is in
PropertyName	**String**	False	Name of the Property the Reservation is in
CreationDate	**Datetime**	False	Date the Reservation was created
LastModified	**Boolean**	False	Date the Reservation was last modified
RMSOnlineConfirmationNo	**Integer**	False	If the Reservation was made via RMS Online, this is the confirmation no sent to the Client at the time of booking
POSOnGroupMaster	**Boolean**	False	If **True**, Pos charges should be posted to the Group Master Account Id.
GroupMasterAccountId	**Integer**	False	The Account Id of the Group Master Reservation. Post charges to this account if POSOnGroupMaster is **True**
CompanyId	**Integer**	False	Id of the Company attached to the Reservation
Company	**String**	False	Name of the Company attached to the Reservation
BookingSourceId	**Integer**	False	Id of the Booking Source attached to the Reservation
BookingSource	**String**	False	Name of the Booking Source attached to the Reservation
TravelAgentId	**Integer**	False	Id of the Travel Agent attached to the Reservation
TravelAgent	**String**	False	Name of the Travel Agent attached to the Reservation
DiscountCodeId	**Integer**	False	Id of the Discount attached to the Reservation
DiscountCode	**String**	False	Name of the Discount attached to the Reservation
ResTypeId	**Integer**	False	Id of the Res Type attached to the Reservation
ResType	**String**	False	Name of the Res Type attached to the Reservation
SubResTypeId	**Integer**	False	Id of the Sub Res Type attached to the Reservation
SubResType	**String**	False	Name of the Sub Res Type attached to the Reservation
RateCodeId	**Integer**	False	Id of the Rate Code attached to the Reservation
RateCode	**String**	False	Name of the Rate Code attached to the Reservation
TariffAmount	**Decimal**	False	The Tariff amount for the Reservation
LongTerm	**Boolean**	False	Whether the Reservation is marked as long term
DepositDateRequired	**Datetime**	False	The Date the deposit is required
DepositAmount	**Decimal**	False	The Deposit Amount due
Note	**String**	False	Free type note on the Reservation
ListOfRegoNumbers	**ListOf String**	False	List of Rego Numbers attached to the Reservation
ListOfHolds	**ListOf HoldRecord**	false	List of Hold records for the Reservation.
UserDefined1	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined2	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined3	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined4	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined5	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined6	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined7	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined8	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined9	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined10	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined11	**Boolean**	False	Boolean field that the user can define the meaning of. See System Labels.
UserDefined12	**Boolean**	False	Boolean type field that the user can define the

			meaning of. See System Labels.
UserDefined13	**Boolean**	False	Boolean type field that the user can define the meaning of. See System Labels.
UserDefined14	**Datetime**	False	Datetime type field that the user can define the meaning of. See System Labels.
UserDefined15	**Datetime**	False	Datetime type field that the user can define the meaning of. See System Labels.

5.16 ClientRequest

Property	Type	Description
CreatedFrom	**Datetime**	Return Clients Created after this date and time
CreatedTo	**Datetime**	Return Clients Created before this date and time
ModifiedFrom	**Datetime**	Return Clients Modified after this date and time
ModifiedTo	**Datetime**	Return Clients Modified before this date and time
Surname	**String**	Return Clients with this exact Surname
Given	**String**	Return Clients with this exact Given name
PhoneMobile	**String**	Return Clients with this exact Mobile/Cell no.
MembershipNo	**String**	Return Clients with this exact MembershipNo
ListOfPropertyIds	**Listof Integer**	Return Clients in this list of Properties
ListOfClientIds	**Listof Integer**	Return Clients with these Client Id's
ClientOptionalFieldList	**Class OptionalFieldsClient**	Which optional Client fields are to be filled in the response
UserDefinedFieldNo	**Integer**	Which User Defined field to search in
UserDefinedFieldValue	**String / Integer / Date**	The value to search for in the UserDefinedFieldNo assigned above. User defined field types are as follows **1-12** String **13-14** Boolean **15-16** Date

5.17 ClientResult

Property	Type	Description
ResultCode	**Enum ResultCode**	The status of the request.
ResultMessage	**String**	A description of the result code
RecordsFound	**Integer**	The number of Records found including secondary clients if requested.
ListOfClients	**Listof Class (ClientRecord)**	The clients that match the search parameters provided

5.18 ClientRecord

Property	Type	Returned by Default	Description
ClientId	**Integer**	True	The Id of the Client, this is unique and should be used as the foreign key in 3rd party
Given	**String**	True	Given name of the Client
Surname	**String**	True	Surname of the Client
Title	**String**	False	Title of the Client
GroupName	**String**	False	Group Name of the Client
CreationDate	**Datetime**	False	The date the Client was created
LastModified	**Datetime**	False	The last time the Client was modified
Gender	**String**	False	The Gender of the Client
DateofBirth	**Datetime**	False	Date of Birth of the Client
PhoneMobile	**String**	False	Mobile/Cell no of the Client
PhoneBH	**String**	False	Between Hours number of the Client
PhoneAH	**String**	False	After hours number of the Client
Address1	**String**	False	Address1 of the Client (usually the street address)
Address2	**String**	False	Address2 of the Client
Suburb	**String**	False	Suburb of the Client
Postcode	**String**	False	Postcode of the Client
Country	**String**	False	Country of the Client
State	**String**	False	State of the Client
Company	**String**	False	Company the Client is associated to
BookingSource	**String**	False	Booking Source of the Client
Email	**String**	False	Email of the Client
AnniversaryDate	**Datetime**	False	Anniversary Date of the Client
InsuranceExpDate	**Datetime**	False	Insurance Expiry Date of the Client

BlackListed	**Boolean**	False	Black list status of the Client
PrivacyNoMailOuts	**Boolean**	False	Privacy (No Mail Out) status of the Client. If set to true the client has requested not to receive mail / email.
MembershipNo	**String**	False	MembershipNo of the Client. This could be a rewards program or another unique number associated to the Client
CurrentReservations	**Listof Class (ResRecord)**	False	A list of the reservations that are currently in house where this client is the Primary Client
CommsPin	**String**	false	The Pin number stored in RMS against each client. Generally used for 3rd party systems like PABX, Internet.
ClientType	**Enum ClientType**	false	The type of Client record. (Client, Staff, Contractor, Owner etc)
ActivitiesDisabled	**Boolean**	false	Used if the property does not want this client to use any activities (Phone, Internet, PayTV etc)
ListOfAllowedActivities	**List of Enum (ClientActivity)**	false	The external activities the client is allowed to use (Phone, Internet, PayTV etc)
ConsentToUseCreditCard	**Boolean**	false	Whether the client has given permission to charge their credit card.
AccountBalance	**Decimal**	false	The balance of the client account
UserDefined1	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined2	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined3	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined4	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined5	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined6	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined7	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined8	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined9	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined10	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined11	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined12	**String**	False	Free type field that the user can define the meaning of. See System Labels.
UserDefined13	**Boolean**	False	Boolean field that the user can define the meaning of. See System Labels.
UserDefined14	**Boolean**	False	Boolean field that the user can define the meaning of. See System Labels.
UserDefined15	**Date**	False	Date field that the user can define the meaning of. See System Labels.
UserDefined16	**Date**	False	Date field that the user can define the meaning of. See System Labels.

5.19 CompanyBasic

Property	Type	Description
CompanyId	**Integer**	The ID of the Company in the RMS database
Company	**String**	The Name of the Company
Address	**String**	The Address of the Company
TradingAs	**String**	Optional Trading Name if the company is trading as something other than the Company Name.

5.20 ClassificationBasic

Property	Type	Description
ClassificationId	**Integer**	The ID of the Classification in the RMS database
Classification	**String**	The Name of the Company

5.21 AllowedToPostChargeRequest

Property	Type	Description
ClientId	**Integer**	The ID of the Client
MembershipNo	**String**	The Membership No of the Client
Activity	**Enum ClientActivity**	The activity the client is trying to perform. If no activity is supplied only the current reservation check will be performed

5.22 AllowedToPostChargeResponse

Property	Type	Description
AllowedToPostCharge	**Boolean**	Whether the client is allowed to post a charge
AccountId	**Integer**	The account id to post the charge to
CurrentBalance	**Decimal**	The current outstanding balance of the client account
CreditLimit	**Decimal**	The credit limit for the property
Reason	**String**	The reason why the client is not allowed to post charges
ListOfAllowedActivities	**List of Enum (ClientActivity)**	The list of external activities the client is allowed to use.

5.23 AvailabilityRequest

Property	Type	Description
DateOfNow	**DateTime**	The current date and time.
ListOfPropertyIds	**List of Integer**	List of properties to check for availability.
ListOfCategoryIds	**List of Integer**	List of categories to check for availability.
StartingPeriod	**DateTime**	The starting period to check for availability.
EndingPeriod	**DateTime**	The ending period to check for availability.
OnlyCleanAreas	**Boolean**	Only return areas where the room is clean. This will be helpful if required a room immediately.

5.24 AvailabilityResponse

Returned: Either a *list of* the AvailabilityResponse class is returned or *nothing*.

Property	Type	Description
CategoryID	**Integer**	The available category id.
Category	**String**	The available category name.
PropertyID	**Integer**	The property id for which the category belongs to.
PropertyName	**String**	The property name for which the category belongs to.
NoOfAvailableAreas	**Integer**	The number of rooms available for the category.
ListOfAvailableAreas	**Class (AvailableAreas)**	The list of available areas for the category.

5.25 AvailableAreas

Property	Type	Description
AreaID	**Integer**	The area id.
Area	**String**	The area name.
AreaDescription	**Integer**	The area description.
CleanStatus	**String**	The clean status of the area.

5.26 SaveClientRequest

Property	Type	Description
DateOfNow	**Datetime**	The current date at location of the module
Client	**Class (ClientRecord)**	The client record to create or update.

5.27 CompanyLite

Property	Type	Description
CompanyId	**Integer**	The unique Company Id.
CompanyName	**String**	The company's Name.
ABN	**String**	The company's ABN.
Address1	**String**	The company's address 1
Address2	**String**	The company's address 2
Address3	**String**	The company's address 3
Address4	**String**	The company's address 4

State	**String**	The state the company resides.
Postcode	**String**	The postcode (zip code) where the company resides.
Contact	**String**	The main contact person for the company.
ContactPosition	**String**	The contacts position in the company.
Phone	**String**	The company's phone number.
Fax	**String**	The company's fax number.
Email	**String**	The company's email address.
WebAddress	**String**	The company's website address.

5.28 SaveCompanyRequest

Property	Type	Description
DateOfNow	**Datetime**	The current date at location of the module
Company	**Class** (CompanyLite)	The company record to create or update.

5.29 TravelAgentLite

Property	Type	Description
AgentID	**Integer**	The unique Agent Id.
Agent	**String**	The agent's Name.
Address1	**String**	The agent's address 1
Address2	**String**	The agent's address 2
Address3	**String**	The agent's address 3
Address4	**String**	The agent's address 4
State	**String**	The state the agent's resides.
Postcode	**String**	The postcode (zip code) where the agent's resides.
Phone	**String**	The agent's phone number.
Fax	**String**	The agent's fax number.
Email	**String**	The agent's email address.
GLCodeID	**Integer**	The agent's GL Code Id.
InActive	**Boolean**	Is the agent active or not.
CompaniesAssociatedToAgent	**Class** (TravelAgentCompanyAssociations)	Companies associated to the Agent.

5.30 SaveTravelAgentRequest

Property	Type	Description
DateOfNow	**Datetime**	The current date at location of the module
Agent	**Class** (TravelAgentLite)	The travel agent record to create or update.

5.31 TravelAgentCompanyAssociations

Property	Type	Description
CompanyId	**Integer**	The unique company Id.
PrimaryCompany	**Boolean**	The company that is billed.

5.32 HoldLite

Property	Type	Description
HoldId	**Integer**	The unique hold Id.
ResID	**Integer**	The res id related to the hold.
FromDate	**Date**	The start date for the hold.
ToDate	**Date**	The end date for the hold.
HoldExpired	**Boolean**	If true, signifies the hold has expired.
ChargeTypeId	**Integer**	The charge type id associated to the hold.

5.33 SaveHoldRequest

Property	Type	Description
DateOfNow	**Datetime**	The current date at location of the module
Hold	**Class** (HoldLite)	The hold record to create or update.

5.34 HeldLite

Property	Type	Description
HeldId	**Integer**	The unique held Id.
CategoryId	**Integer**	The category id the held belongs to.
AgentId	**Integer**	The agent id the held belongs to. If set to 0

		identifies internet booking.
FromDate	**Date**	The start date of the held.
ToDate	**Date**	The end date of the held.
NumberHeld	**Integer**	The number of rooms held.
Guaranteed	**Boolean**	If set to true, rooms are only held for the particular agent.
Release	**Integer**	It is the number of days from today that cannot be booked.
Permanent	**Boolean**	If true, ignores From and To dates. Held does not expire.
OnlineDefaultAllotment	**Boolean**	It is only true for online booking (ie. Agent Id = 0)

5.35 SaveHeldRequest

Property	Type	Description
DateOfNow	**Datetime**	The current date at location of the module
Held	**Class (HeldLite)**	The held record to create or update.

5.36 ClientLite

Property	Type	Description
ClientId	**Integer**	When updating a client, the client id of client to be updated When creating a client, set to zero
Title	**String**	Title of the Client
Given	**String**	Given name of the Client
Surname	**String**	Surname of the Client
Mobile	**String**	Mobile/Cell no of the Client
Addr1	**String**	Address1 of the Client (usually the street address)
Town	**String**	Town/Suburb of the Client
State	**String**	State of the Client
PostCode	**String**	Postcode of the Client
Email	**String**	Email of the Client
MembershipNo	**String**	Membership No of the Client
ClientType	**Enum ClientType**	
CommsPin	**String**	The Pin number stored in RMS against each client. Generally used for 3rd party systems like PABX, Internet.
ActivitiesDisabled	**Boolean**	Used if the property does not want this client to use any activities (Phone, Internet, PayTV etc)
ConsentToUseCreditCard	**Boolean**	Whether the client has given permission to charge their credit card.
CCToken	**String**	Credit Card Token for the client
UserDefined11	**String**	Free type field that the user can define the meaning of. See System Labels.
UserDefined15	**Date**	Date field that the user can define the meaning of. See System Labels.
ListOfAllowedActivities	**List of Enum (ClientActivity)**	The external activities the client is allowed to use (Phone, Internet, PayTV etc)

5.37 RegoNumbersRequest

Property	Type	Description
DateOfNow	**Date**	The current system date
ListOfResIds	**List of Integer**	List of Reservation Id's to return results for
ListOfRegoNos	**List of Integer**	List of Rego No's to return results for
ListOfAccessNos	**List of Integer**	List of Access No's to return results for
DateCreatedFrom	**Date**	Return Records Created after this date and time
DateCreatedTo	**Date**	Return Records Created up to this date and time
DateModifiedFrom	**Date**	Return Records Modified from this date and time
DateModifiedTo	**Date**	Return Records Modified up to this date and time

5.38 RegoNumbersResults

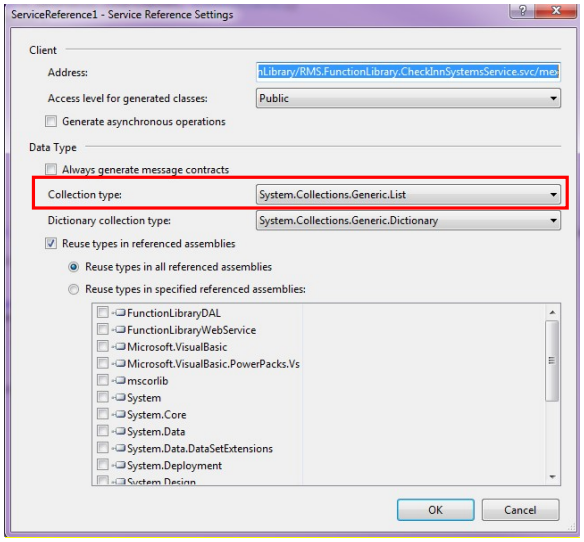
Property	Type	Description
ResID	**Integer**	The ResId the Rego/Access No is associated to
RegoNo	**String**	The Rego number

AccessNo	**String**	The Boomgate Access Number
AccessType	AccessType	Type of Access (InOnly = 0, OutOnly = 1, InOut = 2, InOutWithAntiPassback = 3)
ExpiryDate	**Date**	The date access expires
Status	Status	Current status (InThePark = 0, OutOfThePark = 1, NotSure = 2)
DateCreated	**Date**	The date the record was created
DateModified	**Date**	The date the record was last modified

6 Appendix B – VB.NET Examples

6.1 Adding the Web Service Reference

6.1.1 Ensure Collection Type is set to Generic List as shown below (Visual Studio 2010)



6.1.2 Allowing the Web service to use large amounts of data.

The following must be configured in your applications app.config file. The **GREEN** text must be changed from the default settings

Endpoint Configuration

```
<endpoint address="https://api.rms.com.au/RMSPublicService/RMSPublicService.ServiceLibrary.svc"
                behaviorConfiguration="RMSPublicBehavior" binding="basicHttpBinding"
                bindingConfiguration="BasicHttpBinding_RMSPublicService" contract="RMSPublic.PublicService"
                name="BasicHttpBinding_RMSPublicService" />
```

Binding Configuration

```
<binding name="BasicHttpBinding_RMSPublicService" closeTimeout="00:01:00"
         openTimeout="00:01:00" receiveTimeout="00:10:00" sendTimeout="00:01:00"
         allowCookies="false" bypassProxyOnLocal="false"
         hostNameComparisonMode="StrongWildcard"
         maxBufferSize="100000000" maxBufferPoolSize="524288" maxReceivedMessageSize="100000000"
         messageEncoding="Text" textEncoding="utf-8" transferMode="Buffered"
         useDefaultWebProxy="true">
         <readerQuotas maxDepth="32" maxStringContentLength="8192" maxArrayLength="16384"
                  maxBytesPerRead="4096" maxNameTableCharCount="16384" />
         <security mode="Transport">
                  <transport clientCredentialType="None" proxyCredentialType="None" realm="" />
                  <message clientCredentialType="UserName" algorithmSuite="Default" />
         </security>
</binding>
```

Behaviour Configuration

```
<behavior name="RMSPublicBehavior" >
          <dataContractSerializer maxItemsInObjectGraph="1000000000" />
          </behavior>
```

6.2 Retrieve Token and Property Name

```
Dim sToken As String
Dim oRMSPublic As New RMSPublic.PublicServiceClient
Dim sClientPassword As String
Dim nRMSClientNo As Integer
Dim nAgentId As Integer
Dim sAgentPwd As String
Dim bTrainingDatabase As Boolean

Try
    'Defaults
    nRMSClientNo = [RMS Client No]
    sClientPassword = [ClientPwd]
    nAgentId = [AgentId]
```

```
        sAgentPwd = [AgentPassword]
        bTrainingDatabase = False

        'Get Connection String
        sToken = oRMSPublic.GetToken(nRMSClientNo, sClientPassword, nAgentId, sAgentPwd, bTrainingDatabase)

        'Test Property Name
        MsgBox(oRMSPublic.GetPropertyName(sToken))

    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
```

6.3 Transactions

6.3.1 Create a Charge Transaction

```
Dim oTrans As New RMSPublic.SerialisedClasses.Transaction
With oTrans
          .TransactionType = RMSPublic.Functions.TransactionType.Charge
          .AccId = nAccId
          .Amount = 99
          .SundryId = 5
          .AccountType = Data.Manager.Account.AccountType.Accomm

          .Desciption = "Test Charge"     'If not supplied Description will come from the Sundry
          .DateOfTransaction = Now        'If not supplied system will use Accounting Date
          .UniqueId = 1                   'Your Internal Ref No (Optional)
End With
lstOfPOSTransactions.Add(oTrans)
```

6.3.2 Create a Cash Receipt Transaction

```
Dim oTrans As New RMSPublic.SerialisedClasses.Transaction
With oTrans
          .TransactionType = RMSPublic.Functions.TransactionType.Receipt
          .AccId = nAccId
          .Amount = 66
          .AccountType = Data.Manager.Account.AccountType.Accomm
          .ReceiptType = Data.Manager.Receipt.ReceiptType.Cash
          .UniqueId = 2                   'Your Internal Ref No (Optional)
End With
lstOfPOSTransactions.Add(oTrans)
```

6.3.3 Create a Credit Card/Eftpos Receipt Transaction

```
Dim oTrans As New RMSPublic.SerialisedClasses.Transaction
With oTrans
          .TransactionType = RMSPublic.Functions.TransactionType.Receipt
          .AccId = nAccId
          .Amount = 34
          .AccountType = Data.Manager.Account.AccountType.Accomm
          .ReceiptType = Data.Manager.Receipt.ReceiptType.EftPos
          .CardId = 1               'The Credit Card ID that Identifies the Card ie
                                      Amex,Visa etc (Use GetListOfCreditCards())
          .UniqueId = 3                   'Your Internal Ref No (Optional)
End With
lstOfPOSTansactions.Add(oTrans)
```

6.3.4 Post Transaction

```
'Build Request
oRequest = New RMS.FunctionLibrary.RMSPublic.SerialisedClasses.TransactionRequest
With oRequest
          .DateOfNow = Now
          .Source = RMSPublic.Functions.TransactionSource.PointOfSale
          .Transactions = lstOfPOSTransactions
End With

'Write Out POS Charges
oResult = oRMSPublic.ProcessTransactions(sToken, oRequest)
```

6.4 Reservations

6.4.1 Get Reservations Arriving Tomorrow

```
  Dim oResReq As New RMSPublic.ResRequest
   With oResReq
```

```
        'Res Optional fields
        oResReq.ResOptionalFieldList = New RMSPublic.OptionalFieldsRes()
        With .ResOptionalFieldList
            .CategoryName = True
            .PropertyId = True
            .PropertyName = True
            .Company = True
            .BookingSource = True
            .DiscountCode = True
        End With

        'Client optional fields
        oResReq.ClientOptionalFieldList = New RMSPublic.OptionalFieldsClient()

        With .ClientOptionalFieldList
            .Suburb = True
            .Country = True
            .Company = True
            .BookingSource = True
        End With

        'Include all the clients, not just the primary
        .IncludeSecondaryClients = True

        'Set search parameters.
        .ArriveFrom = Now.AddDays(1).Date 'Start of Tomorrow
        .ArriveTo = Now.AddDays(1).Date & " 23:59:59" 'End of Tomorrow
    End With

    Dim oResResult As RMSPublic.ResResult = oRMSPublic.GetListOfReservations(sToken, oResReq)
    If Not oResResult Is Nothing Then
        For Each oRes As RMSPublic.ResRecord In oResResult.ListOfRes
            MsgBox(oRes.ResId)
        Next
    End If
```

6.5 Creating / Updating a Client

6.5.1 Create New Client

```
Dim oClientRecord As New RMSPublic.ClientLite

With oClientRecord
    .ClientId = 0
    .ClientType = RMSPublic.ClientClientType.Client

    .Title = "MR"
    .Given = "Fred"
    .Surname = "Flintstone"
    .Addr1 = "116 Harrick Rd"
    .Town = "Melbourne"
    .State = "VIC"
    .PostCode = "3000"
    .Mobile = "03145687"
    .Email = "fred@rms.com.au"

    .CommsPin = "0000"
    .ConsentToUseCreditCard = True
    .CCToken = ""
    .MembershipNo = "123456789"

    .ActivitiesDisabled = False
    .ListOfAllowedActivities = New List(Of RMSPublic.ClientActivity)

    'Add all of the activities to the allowed list
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.BanNonAlcoholic)
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.BarAlcoholic)
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.Internet)
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.PayPerView)
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.PayPerViewAdultsOnly)
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.PhoneExternal)
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.PhoneInternal)
    .ListOfAllowedActivities.Add(KioskServiceLive.ClientActivity.Vending)
End With

oRMSPublic.CreateClient(m_sToken, oClientRecord)
```

6.5.2 Update Existing Client

```
Dim oClientRecord As RMSPublic.ClientLite

'Retreive the existing Client information using the client id
oClientRecord = oRMSPublic.GetClient(m_sToken, nClientId)

'Update some of the data
With oClientRecord
    .Title = "MRS"
    .Given = "Wilma"
    .Email = "wilma@rms.com.au"
End With

'Send the new data back to webservice
oRMSPublic.UpdateClient(m_sToken, oClientRecord, Now)
```

6.6 Using the correct Webservice URL to initialise the WCF Client

6.6.1 Initialise PublicServiceClient with custom URL

```
Private Function InitWebserviceWithURL(ByVal sWebserviceURL As String) As
                                                        PublicLive.PublicServiceClient

'*** Initialise a PublicServiceClient WCF Client to communicate with the webservice on a custom URL
'*** sWebserviceURL is the URL Endpoint of the webservice to connect to

    Dim oEndpoint As EndpointAddress
    Dim oBinding As New BasicHttpBinding

    'Establish Endpoint
    oEndpoint = New EndpointAddress(sWebserviceURL)

    'Configure Binding
    With oBinding
        .Security.Mode = BasicHttpSecurityMode.Transport

        .MaxReceivedMessageSize = "20000000"
        .MaxBufferSize = "20000000"
        .ReaderQuotas.MaxArrayLength = "20000000"

        .ReceiveTimeout = New TimeSpan(0, 5, 0, 0)
        .SendTimeout = New TimeSpan(0, 0, 5, 0)
    End With

   'Return new instance of Public Service Client with custom endpoint
    Return New PublicLive.PublicServiceClient(oBinding, oEndpoint)
End Function
```