



## SOAP API Documentation

### Update History

Date	Change Description
03/11/2014	Changed the description of strCCNumber and strToken fields , which are being used in booking API calls.
01/22/2014	Changed the description of dtCheckIn, which is property of clsQuoteRequest class. Added additional possible error messages in booking API calls.
11/07/2013	Property blnIsISILinkBooking is added to clsGuestReservationInfo class, which is being used in getReservationDetails and getGuestReservations API calls.
09/30/2013	authenticateOwner API call is added and strImageHash is added to clsPictureInfo class. clsSeasonAddons Properties description has been changed.
08/19/2013	Modified strToken description in clsCreditCard class.
06/19/2013	Added note to getReservationBooking discussing new token requirements
07/15/2013	Added documentation for new API function getBookingPolicies and added description for strStatFlag property in clsBookingHistory class.
06/19/2013	Added note to getReservationBooking discussing new token requirements
06/06/2013	Possible exceptions are added to booking functions.
06/03/2013	Corrected notes for clsPictureInfo.
05/23/2013	Added note regarding blnIncludeInRent for clsSeasonAddons.
10/30/2012	Added dblAvgRating property to clsProperty class and also added blnOverrideDepositInBooking to clsWebConfig Class.
05/15/2012	Added property enumType, which is of type Enum enumChargeType, to clsCharge class.
03/02/2012	Added property arrVideoList, which is array of clsVideoInfo class objects, to clsProperty class.
01/17/2012	Added new property intDefaultMapZoomLevel to clsProperty class.
12/06/2011	Added new properties dblLongitude,dblLatitude to clsProperty class.
11/04/2011	Added new property strPropertyHeadLine to clsProperty class.
09/20/2011	

	Updated documentation for intMaxStay property of clsWebConfig class, which are used in getStartupInfo function.Exceptions is updated from getReservationQuery function.
08/16/2011	Updated documentation for intAdvanceDaysToBook and intAdvanceDaysToBook properties of clsWebConfig class, which are used in getStartupInfo function.
05/24/2011	Renamed new booking functions to avoid name conflict. Added new property blnSupportsCreditCardTokens to clsWebConfig class ,which is used in getStartupInfo function.
03/08/2011	Added new function getMarketingCategories.Added new properties strMarketingCategory and strMarketingSource to clsBookingInfo class. Added docuemntation for secured version of booking functions.Added new property blnRequiredMarketingInfoInBooking in clsWebConfig class. Exceptions section is modified for booking functions. Added properties strPMCLogoUrl and objCSAConfig to clsWebConfig class.
01/05/2011	Added more options to strChargeBasis in clsSeasonRates class.
01/05/2011	Added strMarketingSource ,strMarketingCategory ,dblBalance,dblTotalRent,dblTotalTax,dblTotalExtras fields to clsGuestReservationInfo class.
04/29/2010	Added strMarketID to clsBookingInfo class and strProviderReviewID to clsPropertyReview Class.
03/15/2010	Modified updateOwnerEmail,clsAttributeInfo,getPropertyRentalHistory descriptions.
01/07/2010	Check processing functionality is added to getReservationBooking, blnCheckPaymentEnabled added to clsResContractInfo class and strRateAdjCategory is added to clsSeasonAddons class.
11/17/2009	New fields intMinNights,intMaxNights,dtBookDateFrom,dtBookDateTo,strAmountType are added to clsSeasonAddons class.
10/28/2009	New fields strCCProvince,strOwnerCode are added to clsBookingInfo class and blnIncludeInRent is added to clsSeasonAddons class.
08/13/2009	New fields added to clsPropertyReview to support advance reviews.
07/21/2009	Information about accessing V12 owner statement.
06/08/2009	intStayIncrement is added to clsMinNightsInfo class.
05/21/2009	strTourOperator is added to clsResQueryInfo and strComments is applied to all type of bookings.
03/16/2009	New function updateUnitCleanStatus is added.
01/29/2009	strPromotionCode is added to clsResQueryInfo class and strReservationContract to clsResContractInfo class. All NoObj reservation query and booking functions are deprecated.
10/15/2008	Exceptions are added in each function.
08/25/2008	getReservationDetailsMultiple function is added.
07/28/2008	Review Provider functions are added.
07/07/2008	New attributes areadded to clsCustomerInfo and clsreservationChangeLog Class. New Input parameters are added to getReservationChangelog function.
05/21/2008	Required is added in parameters section.List of functions added.
05/07/2008	Created

## List of SOAP functions

SOAP Functions
<a href="#">addReview</a>
<a href="#">authenticateOwner</a>
<a href="#">createBooking</a>
<a href="#">createBookingWithRentOverride</a>
<a href="#">createOwnerBooking</a>
<a href="#">deleteReview</a>
<a href="#">getBookingPolicies</a>
<a href="#">getBookingsHistory</a>
<a href="#">getBookingWithRentOverride</a>
<a href="#">getChangeLogInfo</a>
<a href="#">getCustomerInfo</a>
<a href="#">getCustomerInfo</a>
<a href="#">getCustomerList</a>
<a href="#">getMarketingCategories</a>
<a href="#">getOwnerBooking</a>
<a href="#">getOwnerBookingNoObj</a>
<a href="#">getOwnerProperties</a>
<a href="#">getOwnersInfo</a>
<a href="#">getOwnerStartupInfo</a>
<a href="#">getOwnerStatement</a>
<a href="#">getPropertyAvailabilityInfo</a>
<a href="#">getPropertyDesc</a>
<a href="#">getPropertyIndexes</a>
<a href="#">getPropertyRentalHistory</a>
<a href="#">getPropertySpecials</a>
<a href="#">getPropertyWorkOrders</a>
<a href="#">getReservationBooking</a>
<a href="#">getReservationBookingNoObj</a>
<a href="#">getReservationChangeLog</a>
<a href="#">getReservationContractInfo</a>
<a href="#">getReservationDetails</a>
<a href="#">getReservationDetailsMultiple</a>
<a href="#">getReservationQuery</a>
<a href="#">getReservationQueryNoObj</a>
<a href="#">getReviews</a>
<a href="#">getSocketConnectionStatus</a>
<a href="#">getStartupInfo</a>
<a href="#">sendOwnerPassword</a>

<a href="#">updateOwnerEmail</a>
<a href="#">updateOwnerPassword</a>
<a href="#">updateReview</a>
<a href="#">updateUnitCleanStatus</a>

### getSocketConnectionStatus

Indicates whether ISI Link has real-time connectivity to the management company.

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company

Returns:

*String*

Remarks:

Several of the ISI Link SOAP calls require a real-time connection to the management company. These are the calls which need to communicate with the property management software itself, to either confirm availability and pricing or to finalize a booking. If this connection goes down, then these calls will fail.

Calling getSocketConnectionStatus tests that this link is up and running. Some partners choose to temporarily remove a management company's properties from their searches when they see that this connection is down.

There are two possible return values:

- OFFLINE
- ONLINE

OFFLINE indicates that the link is down.

ONLINE indicates that the link is up.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.

### getPropertySpecials

Indicates marketing specials that the management company has chosen to spotlight.

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company

Returns:

[\*Array of clsSpecialsInfo\*](#)

Remarks:

The management companies have an opportunity to define specials for specific properties and the dates for which the special should be highlighted. Knowledge of this special does not affect the rates, there are no special IDs or coupon codes that need to be included in the later calls to reference the special. This is strictly marketing data chosen by the management company to spotlight the deal.

see: [clsSpecialsInfo](#)

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.

## getPropertyIndexes

Returns a list of all Property IDs that the management company has indicated should be available to the caller.

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strSortBy</b>	<i>String</i>	False	Indicates the sort of the rows returned. Valid values are 'prop_id' and 'name'.

Returns:

[\*Array of clsPropIndex\*](#)

Remarks:

The list of Property IDs returned is the list of all properties this customer wants you to see. These Property IDs (prop\_id) are used throughout the rest of the API to request data on a per property basis.

This method should be called periodically to see if there are any new properties or if any have been removed. It does NOT do change tracking, rather returns just the list that you should have access to at the time of the call.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.

### **getStartupInfo**

Provides configuration information about a management company

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company

Returns:

[\*clsWebConfig\*](#)

Remarks:

Much of the data returned is informational. The canned WebLink site that is offered to the management companies has a large amount of customizable settings. Most of the data returned here is comprised of those preferences. Please see the definition of clsWebConfig for details of each field.

This method should be called infrequently to synchronize lists, update phone names and contact details. If you encounter an unknown area, type, location, or attribute returned from getPropertyDesc, you likely have an out of date copy of the lists returned from this method.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.  
No startup info for the customer.

### **updateUnitCleanStatus**

Updates unit cleaning status of the prop id.

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strPropID</b>	<i>String</i>	True	Prop ID to which cleaning status to be updated.
<b>strCleanStatus</b>	<i>String</i>	True	Cleaning code to update.

Returns:

*Boolean*

Remarks:

Returns true if successful request sends to P+,V12,Entech end systems to update the status.  
It is user's responsibility to send the correct cleaning code depending on the end system.

Restricted usage only.Contact channel support for further details.

Exceptions:

Required parameters strUserId,strPassword and strCOID are missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.  
Required parameters are missing.

## getPropertyDesc

Retrieve details about one or more properties

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strPropId</b>	<i>String</i>	True	Property ID to query
<b>strCheckInDate</b>	<i>String</i>	False	[deprecated]
<b>strCheckOutDate</b>	<i>String</i>	False	[deprecated]
<b>bInSendNonAvail</b>	<i>Boolean</i>	True	Boolean indicating whether to retrieve the non-availability array

Returns:

[\*Array of clsProperty\*](#)

Remarks:

This method recovers property specific data. Everything from the unit description and images to reservation restrictions and availability.

It is intended to be used in conjunction with [getChangeLogInfo](#) to provide an efficient means of caching a management company's data.

Please see the [clsProperty](#) class for more details.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.

Required parameter strPropId is missing.

### getCustomerList

Retrieve a list of management company COIDs that you have access to

Parameters:

Name	Type	Required	Description
strUserId	String	True	User ID assigned by InstantSoftware (aka RescoID).
strPassword	String	True	Password associated with strUserID

Returns:

[\*Array of clsCustomerInfo\*](#)

### getCustomerInfo

Retrieve details about one customer

Parameters:

Name	Type	Required	Description
strUserId	String	True	User ID assigned by InstantSoftware (aka RescoID).
strPassword	String	True	Password associated with strUserID
strCOID	String	True	Unique identifier for the management company

Returns:



[\*clsCustomerInfo\*](#)

### **getReservationContractInfo**

Retrieve a management company's rental agreement and accepted payment methods

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company

Returns:

[\*clsResContractInfo\*](#)

### **getBookingWithRentOverride**

Book a property with an overridden rent amount.[Deprecated].

Parameters:

Name	Type	Required	Description
<b>objBookingInfo</b>	<i>clsBookingInfo</i>	True	

Returns:

[\*clsResBook\*](#)

Remarks:

see [\*clsBookingInfo\*](#) for details.

This method considers the field `dblForcedRent` in *clsBookingInfo* parameters. It will apply the specified amount to the booking in place of the base rent. Addons and other fees may still be applied in addition to this value, this just replaces the base rent amount.

This method requires the real-time connection to the property management software to be online. Please see [getSocketConnectionStatus](#) for details.

Clear text creditcard numbers should not be present in any other fields in the request.

For the error "Non-tokenized credit card number is not acceptable in the request.", please refer [here](#)

Returns confirmation details

Exceptions:

See [getReservationBooking](#) for exceptions.

### createBookingWithRentOverride

Book a property with an overridden rent amount. This call supports HomeAway credit card tokens.

Parameters:

Name	Type	Required	Description
<b>objBookingRequest</b>	<i>clsBookingRequest</i>	True	

Returns:

[clsResBook](#)

Remarks:

SOAPHeader needs to be set with the object of [clsPartnerAuthentication](#), which encapsulates partner credentials.

see [clsBookingRequest](#) for details.

This method considers the field dblForcedRent in clsBookingRequest parameters. It will apply the specified amount to the booking in place of the base rent. Addons and other fees may still be applied in addition to this value, this just replaces the base rent amount.

This method requires the real-time connection to the property management software to be online. Please see [getSocketConnectionStatus](#) for details.

Clear text creditcard numbers should not be present in any other fields in the request.

For the error "Non-tokenized credit card number is not acceptable in the request.", please refer [here](#).

Returns confirmation details

Exceptions:

SoapHeader is Missing .Authentication failed.

See [getReservationBooking](#) for other exceptions.

### getReservationBooking

Book a property.[Deprecated].

Parameters:

Name	Type	Required	Description
<b>objBookingInfo</b>	<i>clsBookingInfo</i>	True	

## Returns:

[\*clsResBook\*](#)

## Remarks:

see [clsBookingInfo](#) for details.

This method requires the real-time connection to the property management software to be online. Please see [getSocketConnectionStatus](#) for details.

Clear text creditcard numbers should not be present in any other fields in the request.

For the error "Non-tokenized credit card number is not acceptable in the request.", please refer [here](#).

Returns confirmation details

**NOTE: The getReservationBooking operation will be deprecated and removed as of January 8, 2014. All booking requests must be submitted to the createBooking operation by this date, and must include a credit card token and not a plaintext credit card number. More information about implementing this flow can be found [here](#).**

## Exceptions:

Required parameters strUserId are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.

This property is not authorised.

Property is not available for booking.

Guest Details: Required parameters are missing.

Required Parameter Property ID is missing.

Required Parameter check in date is missing.

Required Parameter num of adults is missing.

Invalid Checkin Date.

Required Parameter number of nights missing.

Guest Details: Either province or state is required. Not both.

Guest Details: Input data exceeds max numbers of characters.

Guest Details: State Code is having more than two characters.

CreditCard Billing Info: Required parameters are missing.

CreditCard Billing Info: Either province or state is required. Not both.

CreditCard Billing Info: Input data exceeds max numbers of characters.

CreditCard Billing Info: State Code is having more than two characters.

Credit Card expiration date info is missing.

Credit Card number is not valid.

Credit Card information is not valid.

Credit Card number is required.

Credit Card type is required.

Credit Card type 'type' is not supported for this customer or the customer doesn't support credit card payments.

Invalid Credit Card Type.

Invalid credit card expiration date.

Account details are missing for the check.

ECheck Billing Info: Required parameters are missing.  
 ECheck Billing Info: Either province or state is required. Not both.  
 ECheck Billing Info: Input data exceeds max numbers of characters.  
 ECheck Billing Info: State Code is having more than two characters.  
 Property is not available for the requested dates in ISILink.  
 The total number of guests exceeds maximum property occupancy. Please choose another property.  
 Charge amount must be greater than zero dollars.  
 The credit card number, expiration date or card type are incorrect. Please check the information and try again.  
 There was an error processing your request. Communication with the reservation system could not be established. We have your information and will contact you shortly.  
 There was an error processing your request. We have your information and will contact you shortly.  
 The property you requested was reserved. Please choose another property.  
 The property you requested was just reserved. Please choose another property.  
 Either Credit Card or eCheck should be used. Not Both.  
 Checks are not accepted.  
 Required valid marketing category and source.  
 Should book property 'n' days in advance.  
 Can't book this property for more than 'n' days.  
 Can't book a property beyond 'date'.  
 For the date you have chosen, this property has a minimum stay of X nights with X night increments and arrival day should be on 'day of the week'. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights and arrival day should be on 'day of the week'. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights with X night increments. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights. Please adjust your length of stay.  
 The number of adults/children are not valid.  
 Invalid Arrival/CheckIn Date.  
 Booking Failed.  
 Booking Failed - {Error message from end system}.  
 Property doesn't have valid contract for given book dates.  
 Invalid departure day. Departure should be on 'day of the week'.  
 Non-tokenized credit card number is not acceptable in the request.

### **createBooking**

Books a property. This call supports HomeAway credit card tokens.

Parameters:

Name	Type	Required	Description
<b>objBookingRequest</b>	<i>clsBookingRequest</i>	True	

Returns:

[\*clsResBook\*](#)

## Remarks:

SOAPHeader needs to be set with the object of [clsPartnerAuthentication](#), which encapsulates partner credentials.

see [clsBookingRequest](#) for details.

This method requires the real-time connection to the property management software to be online. Please see [getSocketConnectionStatus](#) for details.

Clear text creditcard numbers should not be present in any other fields in the request.

For the error "Non-tokenized credit card number is not acceptable in the request.", please refer [here](#).

Returns confirmation details

## Exceptions:

SoapHeader is Missing .Authentication failed.  
 Required parameters strUserId,strPassword are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.  
 This property is not authorised.  
 Property is not available for booking.  
 Guest Details: Required parameters are missing.  
 Required Parameter Property ID is missing.  
 Required Parameter check in date is missing.  
 Required Parameter num of adults is missing.  
 Invalid Checkin Date.  
 Required Parameter number of nights missing.  
 Guest Details: Either province or state is required.Not both.  
 Guest Details: Input data exceeds max numbers of characters.  
 Guest Details: State Code is having more than two characters.  
 CreditCard Billing Info: Required parameters are missing.  
 CreditCard Billing Info: Either province or state is required.Not both.  
 CreditCard Billing Info: Input data exceeds max numbers of characters.  
 CreditCard Billing Info: State Code is having more than two characters.  
 Credit Card expiration date info is missing.  
 Credit Card number is not valid.  
 Credit Card information is not valid.  
 Credit Card number is required.  
 Both strCCNumber and strToken should not be supplied.  
 Customer doesn't support credit card tokens.  
 Credit Card type is required.  
 Credit Card type 'type' is not supported for this customer or the customer doesn't support credit card payments.  
 Invalid Credit Card Type.  
 Invalid credit card token.  
 Invalid credit card expiration date.  
 Error on retrieving the yapstone token from HAPI: 'error message'.  
 Error on getting sensei token from HAPI: 'error message'.  
 Account details are missing for the check.

ECheck Billing Info: Required parameters are missing.  
 ECheck Billing Info: Either province or state is required. Not both.  
 ECheck Billing Info: Input data exceeds max numbers of characters.  
 ECheck Billing Info: State Code is having more than two characters.  
 The total number of guests exceeds maximum property occupancy. Please choose another property.  
 Charge amount must be greater than zero dollars.  
 The credit card number, expiration date or card type are incorrect. Please check the information and try again.  
 There was an error processing your request. Communication with the reservation system could not be established. We have your information and will contact you shortly.  
 There was an error processing your request. We have your information and will contact you shortly.  
 The property you requested was reserved. Please choose another property.  
 The property you requested was just reserved. Please choose another property.  
 Either Credit Card or eCheck should be used. Not Both.  
 Checks are not accepted.  
 Required valid marketing category and source.  
 Should book property 'n' days in advance.  
 Can't book this property for more than 'n' days.  
 Can't book a property beyond 'date'.  
 For the date you have chosen, this property has a minimum stay of X nights with X night increments and arrival day should be on 'day of the week'. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights and arrival day should be on 'day of the week'. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights with X night increments. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights. Please adjust your length of stay.  
 The number of adults/children are not valid.  
 Invalid Arrival/CheckIn Date.  
 Booking Failed.  
 Booking Failed - {Error message from end system}.  
 Property doesn't have valid contract for given book dates.  
 Invalid departure day. Departure should be on 'day of the week'.  
 Partner is not configured for HAPI tokens.  
 Non-tokenized credit card number is not acceptable in the request.

### getReservationQuery

Confirm availability and get an authoritative quote. **Calls to this method must be originated by a human. Calls via automated means such as a bot are not permitted.**

Parameters:

Name	Type	Required	Description
<b>objResQueryInfo</b>	<i>clsResQueryInfo</i>	True	

Returns:

[\*clsResQuery\*](#)

**Remarks:**

see [clsResQueryInfo](#) for details. This method requires the real-time connection to the property management software to be online. Please see [getSocketConnectionStatus](#) for details.

Returns availability and quote details. See [clsResQuery](#).

**Exceptions:**

Required parameters strUserId,strPassword are missing.  
 Required parameter strCOID is missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.  
 This property is not authorised.  
 Property is not available for booking.  
 Required Parameter Property ID is missing.  
 Required Parameter check in date is missing.  
 Required Parameter num of adults is missing.  
 Invalid Checkin Date.  
 Required Parameter number of nights missing.  
 The total number of guests exceeds maximum property occupancy.Please choose another property.  
 There was an error processing your request. Communication with the reservation system could not be established. We have your information and will contact you shortly.  
 There was an error processing your request.We have your information and will contact you shortly.  
 Property is not available for the requested dates in ISILink.  
 The property you requested was reserved. Please choose another property.  
 The property you requested was just reserved. Please choose another property.  
 Should book property 'n' days in advance.  
 Can't book this property for more than 'n' days.  
 Can't book a property beyond 'date'.  
 Quote Request Limit Exceeded.  
 For the date you have chosen, this property has a minimum stay of X nights with X night increments and arrival day should be on 'day of the week'. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights and arrival day should be on 'day of the week'. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights with X night increments. Please adjust your length of stay.  
 For the date you have chosen, this property has a minimum stay of X nights. Please adjust your length of stay.  
 The number of adults/children are not valid.  
 Invalid Arrival/CheckIn Date.  
 Quote Failed.  
 Quote Failed - {Error message from end system}.  
 Property doesn't have valid contract for given book dates.  
 Invalid departure day. Departure should be on 'day of the week'.

**getPropertyRentalHistory**

Get reservation history for a given owner and property

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Owner ID from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strOwnerPwd</b>	<i>String</i>	True	Owner's password from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strPropId</b>	<i>String</i>	True	Property ID
<b>dtStartDate</b>	<i>DateTime</i>	True	Inclusive start date of the history to query
<b>dtEndDate</b>	<i>DateTime</i>	True	Inclusive end date of the history to query
<b>blnShowName</b>	<i>Boolean</i>	True	Boolean indicating whether Guest Name will be populated
<b>blnShowGross</b>	<i>Boolean</i>	True	Boolean indicating whether Gross rent will be populated

Returns:

[clsRentalHistory](#)

Remarks:

This method returns reservation history for the given customer.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.

Required parameters strOwnerId, strPassword and strPropID are missing

## getPropertyWorkOrders

Retrieve work orders for a given property and owner

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Owner ID from <a href="#">getOwnerStartupInfo</a> or your own UI



<b>strOwnerPwd</b>	<i>String</i>	True	Owner's password from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strPropId</b>	<i>String</i>	True	Property ID to query
<b>strStatus</b>	<i>String</i>	True	Status of the work order. Possible values: 'E' - Initial entry, 'S' - Scheduled, 'C' - Completed, 'Q' - Quote only, 'V' - Vendor Work orders, 'A' - All
<b>dtStartDate</b>	<i>DateTime</i>	True	Inclusive start date of the search
<b>dtEndDate</b>	<i>DateTime</i>	True	Inclusive end date of the search
<b>blnShowEntered</b>	<i>Boolean</i>	True	[deprecated]
<b>blnShowCompleted</b>	<i>Boolean</i>	True	[deprecated]
<b>blnShowScheduled</b>	<i>Boolean</i>	True	[deprecated]
<b>blnShowQuoteOnly</b>	<i>Boolean</i>	True	[deprecated]

Returns:

[\*Array of clsWorkOrder\*](#)

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.

Required parameters strOwnerId, strPassword and strPropID are missing

## **getOwnerStatement**

Retrieve all the stored owner statements for a given owner and Property ID

Parameters:

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Description</b>
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Owner ID from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strOwnerPwd</b>	<i>String</i>	True	Owner's password from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strPropId</b>	<i>String</i>	True	Property ID

Returns:

[\*Array of clsOwnerStmt\*](#)

Remarks:

see [clsOwnerStmt](#) for details.

## Exceptions:

Required parameters strUserId,strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.  
 Required parameters strOwnerId,strPassword and strPropID are missing.  
 Owner statement is not available.

**updateOwnerPassword**

Change an owner's password

## Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Owner ID from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strOwnerPassword</b>	<i>String</i>	True	Current owner's password
<b>strNewPassword</b>	<i>String</i>	True	Desired new owner's password

## Returns:

*Boolean*

## Remarks:

Depending on which management software the COID runs, this method has different behavior.

V12 and PropertyPlus both maintain Owner login credentials in their end systems. AVMain (First Resort) does not keep these credentials in the system, ISI Link maintains this for them.  
**Entech does not support changing the owner's password through ISI Link.**

With PropertyPlus and V12, if the sockets connection is OFFLINE, then this method will return false indicating that it was unable to contact the end system to update the password.

Maximum length of the password is 30 chars.

## Exceptions:

Required parameters strUserId,strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.

Required parameters strOwnerId,strPassword and strPropID are missing.  
Customer don't support password update.

### updateOwnerEmail

Updates owner email

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Owner ID from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strOwnerPassword</b>	<i>String</i>	True	Owner's password from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strEmail</b>	<i>String</i>	True	Owner email address that is to be updated.

Returns:

*Boolean*

Remarks:

The method is applicable to AVMAIN customers only.

### getOwnerBooking

Book a reservation for an owner in their own property.[Deprecated].

Parameters:

Name	Type	Required	Description
<b>objBookingInfo</b>	<i>clsBookingInfo</i>	True	

Returns:

[clsResBook](#)

Remarks:

see [clsBookingInfo](#) for details.

This method requires the real-time connection to the property management software to be online. Please see [getSocketConnectionStatus](#) for details.

Returns confirmation details

Exceptions:

Required parameter email is missing.  
 Required parameter owner code or owner last name is missing.  
 This property is not activated for ownerlink.  
 Required first name and last name are missing.  
 Invalid owner first name.  
 Invalid owner code.  
 Invalid owner last name.  
 See [getReservationBooking](#) for other exceptions.

### **createOwnerBooking**

Book a reservation for an owner in their own property. This call supports HomeAway credit card tokens.

Parameters:

Name	Type	Required	Description
<b>objBookingRequest</b>	<i>clsBookingRequest</i>	True	

Returns:

[\*clsResBook\*](#)

Remarks:

SOAPHeader needs to be set with the object of [clsPartnerAuthentication](#), which encapsulates partner credentials.

see [clsBookingRequest](#) for details.

This method requires the real-time connection to the property management software to be online. Please see [getSocketConnectionStatus](#) for details.

Returns confirmation details

Exceptions:

SoapHeader is Missing .Authentication failed.  
 Required parameter email is missing.  
 Required parameter owner code or owner last name is missing.  
 This property is not activated for ownerlink.  
 Required first name and last name are missing.  
 Invalid owner first name.  
 Invalid owner code.  
 Invalid owner last name.  
 See [getReservationBooking](#) for other exceptions.

**getOwnerProperties**

Retrieve a list of Property ID's owned by a given owner ID

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Owner ID from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strOwnerPwd</b>	<i>String</i>	True	Owner's password from <a href="#">getOwnerStartupInfo</a> or your own UI

Returns:

*Array of string*

Remarks:

Returns an array of Property IDs. maxlength: 50.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.

Required parameters strOwnerId, strPassword and strPropID are missing.

**sendOwnerPassword**

Lost password email recovery

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Unique identifier for the owner

Returns:

*None*

Remarks:

In the event that an owner loses their password, this method will send them an email with the current password.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.  
 Required parameters strOwnerId, strPassword and strPropID are missing.

### getOwnerStartupInfo

Retrieve a list of all owners and properties

Parameters:

Name	Type	Required	Description
strUserId	String	True	User ID assigned by InstantSoftware (aka RescoID).
strPassword	String	True	Password associated with strUserID
strCOID	String	True	Unique identifier for the management company

Returns:

[\*Array of clsOwnerInfo\*](#)

Remarks:

see [clsOwnerInfo](#) for details.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.

### getReservationBookingNoObj

Book a reservation.[Deprecated].

Parameters:

Name	Type	Required	Description
strResType	String	True	
strUserId	String	True	User ID assigned by InstantSoftware (aka RescoID).
strPassword	String	True	Password associated with strUserID
strCOID	String	True	Unique identifier for the management company

<b>strCheckIn</b>	<i>String</i>	True	
<b>intNights</b>	<i>Int</i>	True	
<b>strProperty</b>	<i>String</i>	True	
<b>strFName</b>	<i>String</i>	True	
<b>strLName</b>	<i>String</i>	True	
<b>strAddress1</b>	<i>String</i>	True	
<b>strAddress2</b>	<i>String</i>	True	
<b>strCity</b>	<i>String</i>	True	
<b>strState</b>	<i>String</i>	True	
<b>strZIP</b>	<i>String</i>	True	
<b>strProvince</b>	<i>String</i>	True	
<b>strCountry</b>	<i>String</i>	True	
<b>strHPhone</b>	<i>String</i>	True	
<b>strWPhone</b>	<i>String</i>	False	
<b>strEmail</b>	<i>String</i>	True	
<b>intAdults</b>	<i>Int</i>	True	
<b>intChildren</b>	<i>Int</i>	False	
<b>strHowHeard</b>	<i>String</i>	False	
<b>blnSendMail</b>	<i>String</i>	False	
<b>strCCName</b>	<i>String</i>	True	
<b>strCCAddress1</b>	<i>String</i>	True	
<b>strCCAddress2</b>	<i>String</i>	True	
<b>strCCState</b>	<i>String</i>	True	
<b>strCCCity</b>	<i>String</i>	True	
<b>strCCZIP</b>	<i>String</i>	True	
<b>strCCCountry</b>	<i>String</i>	True	
<b>strCCNumber</b>	<i>String</i>	True	
<b>strCCType</b>	<i>String</i>	True	
<b>strCCEmail</b>	<i>String</i>	True	
<b>strCCExpMonth</b>	<i>String</i>	True	
<b>strCCExpYear</b>	<i>String</i>	True	
<b>blnAcceptCSA</b>	<i>Boolean</i>	True	
<b>dblCCAmount</b>	<i>Double</i>	True	

Returns:

[\*clsResBook\*](#)

Remarks:

This method is provided only for those SOAP clients that have difficulty in passing complex types the other booking method. All rules described in [getReservationBooking](#) apply.

For secured version of this function ,SOAPHeader needs to be set with the object of [clsPartnerAuthentication](#) instead of sending partner credentials as function input parameters.

Exceptions:

See [getReservationBooking](#) for the exceptions.

### getReservationQueryNoObj

Confirm availability and retrieve an authoritative quote.[Deprecated]. **Calls to this method must be originated by a human. Calls via automated means such as a bot are not permitted.**

Parameters:

Name	Type	Required	Description
strUserId	String	True	User ID assigned by InstantSoftware (aka RescoID).
strPassword	String	True	Password associated with strUserID
strCOID	String	True	Unique identifier for the management company
strCheckIn	String	True	
intNights	Int	True	
strProperty	String	True	
strFName	String	False	
strLName	String	False	
strAddress1	String	False	
strAddress2	String	False	
strCity	String	False	
strState	String	False	
strZIP	String	False	
strProvince	String	False	
strCountry	String	False	
strHPhone	String	False	
strWPhone	String	False	
strEmail	String	False	
intAdults	Int	False	
intChildren	Int	False	
strHowHeard	String	False	
blnSendMail	String	False	

Returns:

[clsResQuery](#)

Remarks:



This method is provided only for those SOAP clients that have difficulty in passing complex types the other quote method. All rules described in [getReservationQuery](#) apply.

Exceptions:

See [getReservationQuery](#) for the exceptions.

### getOwnerBookingNoObj

Book an owner into their own property.[Deprecated]

Parameters:

Name	Type	Required	Description
strResType	String	True	
strUserId	String	True	User ID assigned by InstantSoftware (aka RescoID).
strPassword	String	True	Password associated with strUserID
strCOID	String	True	Unique identifier for the management company
strCheckIn	String	True	
intNights	Int	True	
strProperty	String	True	
strFName	String	True	
strLName	String	True	
strAddress1	String	False	
strAddress2	String	False	
strCity	String	False	
strState	String	False	
strZIP	String	False	
strProvince	String	False	
strCountry	String	False	
strHPhone	String	False	
strWPhone	String	False	
strEmail	String	True	
intAdults	Int	False	
intChildren	Int	False	
strHowHeard	String	False	
blnSendMail	String	False	
strCCName	String	False	
strCCAddress1	String	False	
strCCAddress2	String	False	
strCCState	String	False	
strCCCity	String	False	
strCCZIP	String	False	

<b>strCCCountry</b>	<i>String</i>	False	
<b>strCCNumber</b>	<i>String</i>	False	
<b>strCCType</b>	<i>String</i>	False	
<b>strCCEmail</b>	<i>String</i>	False	
<b>strCCExpMonth</b>	<i>String</i>	False	
<b>strCCExpYear</b>	<i>String</i>	False	
<b>blnAcceptCSA</b>	<i>Boolean</i>	False	
<b>dblCCAmount</b>	<i>Double</i>	False	
<b>blnCleaning</b>	<i>Boolean</i>	True	
<b>strComments</b>	<i>String</i>	True	Max length is 500.

Returns:

[\*clsResBook\*](#)

Remarks:

This method is provided only for those SOAP clients that have difficulty in passing complex types the other booking method. All rules described in [getOwnerBooking](#) apply.

For secured version of this function ,SOAPHeader needs to be set with the object of [clsPartnerAuthentication](#) instead of sending partner credentials as function input parameters.

Exceptions:

See [getOwnerBooking](#) for the exceptions.

## **getBookingsHistory**

Retrieve historical reservation data for a given Company ID

Parameters:

<b>Name</b>	<b>Type</b>	<b>Required</b>	<b>Description</b>
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCold</b>	<i>String</i>	True	Unique identifier for the management company. NOTE: please note that the case of strCold is inconsistent with the other occurrences throughout this API. SOAP is case-sensitive and it has remained unchanged for backwards-compatibility.
<b>strFromDate</b>	<i>String</i>	True	Inclusive start date of the query
<b>strToDate</b>	<i>String</i>	True	Inclusive end date of the query

Returns:

*Array of anyType*

**Remarks:**

Returns array of [clsBookingHistory](#) objects.

**Exceptions:**

Required parameters strUserId, strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.  
 Required parameters are missing.

**getChangeLogInfo**

Check for changes to properties within a specified time period

**Parameters:**

Name	Type	Required	Description
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCold</b>	<i>String</i>	True	Unique identifier for the management company. NOTE: please note that the case of strCold is inconsistent with the other occurrences throughout this API. SOAP is case-sensitive and it has remained unchanged for backwards-compatibility.
<b>intMinutes</b>	<i>Int</i>	True	Number of minutes to look back
<b>strChangeLogOption</b>	<i>String</i>	True	Types of changes you're interested in. Possible values: 'ALL', 'AVAILABILITY', 'PRICING', 'PROPERTY', 'REVIEW'

**Returns:**

*Array of anyType*

**Remarks:**

This method is provided as a way of efficiently synchronizing a local cache of a management company's data and ensuring that it is up-to-date and accurate.

The parameter intMinutes should be the number of minutes since you last saw a change returned from this method or since your last full synchronization.

This class returns an array of [clsChangeLogInfo](#) objects. Depending on the type of the change, you'll see different values in the strChangeLog field.

- PROPERTY - indicates that data returned by [getPropertyDesc](#) has changed

- PRICING - indicates that the pricing data returned by [getPropertyDesc](#) has changed
- AVAILABILITY - indicates that reservations have changed and you should call [getPropertyAvailabilityInfo](#) or [getReservationChangeLog](#)
- REVIEW - indicates that property reviews have changed and you should call [getReviews](#).

As the system is versioned, new values may be added to signify different types of changes. Your code should ignore unknown values.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.

### getOwnersInfo

Retrieves data about the owners within a management company.

Parameters:

Name	Type	Required	Description
strUserId	String	True	User ID assigned by InstantSoftware (aka RescoID).
strPassword	String	True	Password associated with strUserID
strCOID	String	True	Unique identifier for the management company

Returns:

*Array of anyType*

Remarks:

returns array of [clsOwnerDetails](#) objects.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.

### getPropertyAvailabilityInfo

Retrieves all availability data for a given Property ID

Parameters:

Name	Type	Required	Description

<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strPropID</b>	<i>String</i>	True	Property ID of interest

Returns:

[\*Array of clsNonAvailDates\*](#)

Remarks:

The availability data will start from the current date, and 2 years into the future.

This method should be used as part of a full synchronization, but subsequently you should monitor [getReservationChangeLog](#) for changes.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.

This property is not authorised.

### getReservationDetails

Retrieve the details of a reservation given its Quote Number/Reservation Number

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>intQuoteNumber</b>	<i>Int</i>	True	Reservation Number / Quote Number

Returns:

[\*clsGuestReservationInfo\*](#)

Remarks:

QuoteNumbers are returned from [getPropertyDesc](#), [getPropertyAvailabilityInfo](#) and [getReservationChangeLog](#).

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.

Login failure.

Requested company is not authorised.

No permission to access this function.  
Invalid Quote Number.

### **getReservationChangeLog**

Check for changes to availability/reservations within a specified time period

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strPropID</b>	<i>String</i>	True	Property ID to check for changes
<b>intMinutes</b>	<i>Int</i>	True	Number of minutes to look back
<b>strOptions</b>	<i>String</i>	True	Types of changes you're interested in. Possible values: 'ALL'
<b>intLogID</b>	<i>Int</i>	True	Log ID to look after
<b>intMaxRows</b>	<i>Int</i>	True	Maximum number of records to return

Returns:

[\*Array of clsResChangeLogInfo\*](#)

Remarks:

This method is designed to be called in conjunction with [getChangeLogInfo](#). A response of 'AVAILABILITY' from [getChangeLogInfo](#) should trigger your code to call [getReservationChangeLog](#) to learn which reservations have changed rather than calling [getPropertyAvailabilityInfo](#) to recover all the reservations.

strChangeLog indicates the type of the change. At present there is only one value, 'RESERVATION'

As the system is versioned, new values may be added to signify different types of changes. Your code should ignore unknown values.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.  
strOption parameter should have value 'ALL'.  
Required parameter strPropID is missing.  
Parameters intLogID or intMinutes are required.

### **addReview**

Adds a review for a property

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>objReview</b>	<i>clsPropertyReview</i>	True	

Returns:

*Int*

Remarks:

See [clsPropertyReview](#) for details.

Returns the unique identifier of the newly added review.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.  
 Required parameters are missing.

## updateReview

Updates review for a property

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>objReview</b>	<i>clsPropertyReview</i>	True	

Returns:

*Int*

Remarks:

See [clsPropertyReview](#) for details.

Returns the unique identifier of the updated review .

**Exceptions:**

Required parameters strUserId,strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.  
 Required parameters are missing.  
 Review has been deleted, can not update the review.

**deleteReview**

Deletes review for a property

**Parameters:**

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>intReviewID</b>	<i>Int</i>	True	Unique identifier of a to delete

**Returns:**

*Int*

**Remarks:**

Returns the unique identifier of the delete review.

**Exceptions:**

Required parameters strUserId,strPassword and strCOID are missing.  
 Login failure.  
 Requested company is not authorised.  
 No permission to access this function.

**getReviews**

Retrieves all existing reviews for a property

**Parameters:**

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strPropID</b>	<i>String</i>	True	Property ID to get the reviews



Returns:

[Array of clsPropertyReview](#)

Remarks:

Returns an array of [clsPropertyReview](#) objects.

Any instance of the content being provided through the WSDL call “getReviews” from Instant Software’s ISILink with the “strProvider” equal to “FLIPKEY” and the content is represented or published on Channel Partners’ website will require the publisher to attribute the Content to FLIPKEY. Attribution will require the following:

Content must be accompanied by a Powered by FlipKey logo (the “Logo”), substantially similar to that set forth below or any updated logo provided to Company from time to time by FlipKey, on each page displaying any Content. The Logo must be of equal or greater size to standard text used on the page where the Content is featured.



The Content shall not be displayed inline, associated with, and/or on the same page as substantially similar content provided by a service other than FlipKey, unless with prior written approval from FlipKey. In the event Channel Partner defaults by its failure to materially comply with the Requirements relating to the use of the WSDL CALL – getReviews or to substantially perform in good faith the services and duties required herein, Instant Software, Inc may terminate the Channel Partner’s access to getReviews and Channel Partner shall be required to delete all content received through getReviews if the Channel Partner, after having received thirty (30) days written notice from Instant Software, Inc. of such material default, has failed to cure such default.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.  
Required parameters are missing.

### **getReservationDetailsMultiple**

Retrieve the details of a reservations of given array of Quote Numbers/Reservation Numbers

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>arrQuoteNumbers</b>		True	Array of Reservation Number / Quote Number

	<i>Array of int</i>		
--	-------------------------	--	--

Returns:

[\*Array of clsGuestReservationInfo\*](#)

Remarks:

QuoteNumbers are returned from [getPropertyDesc](#), [getPropertyAvailabilityInfo](#) and [getReservationChangeLog](#).

Exceptions:

Required parameters strUserId,strPassword and strCOID are missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.  
Invalid array of Quote Numbers.

### **getMarketingCategories**

Retrieves a list of marketing categories and its sources for a coid

Parameters:

Name	Type	Required	Description
strCOID	String	True	Unique identifier for the management company

Returns:

[\*Array of clsMarketingCategory\*](#)

Remarks:

SOAPHeader needs to be set with [clsPartnerAuthentication](#) object, which encapsulates partner credentials.

Exceptions:

SoapHeader is Missing .Authentication failed.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.

### **getCustomerInfo**

Retrieve details about one customer

Parameters:

Name	Type	Required	Description
<b>strUserId</b>	<i>String</i>	True	User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	True	Password associated with strUserID
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company

Returns:

[\*clsCustomerInfo\*](#)

Exceptions:

Required parameters strUserId and strPassword are missing.  
Login failure.

### getBookingPolicies

Retrieve Booking Policies

Parameters:

Name	Type	Required	Description
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company.
<b>strProperty</b>	<i>String</i>	false	Property ID.
<b>dtBookDate</b>	<i>DateTime</i>	false	Booking Date.
<b>dtCheckIn</b>	<i>DateTime</i>	false	CheckIn Date.
<b>intNights</b>	<i>int</i>	false	Number of nights in a booking.
<b>blnSendHtml</b>	<i>boolean</i>	false	Option to send the booking policies with html tags.

Returns:

[\*clsBookingPolicy\*](#)

Remarks:

SOAPHeader needs to be set with the object of [\*clsPartnerAuthentication\*](#), which encapsulates partner credentials.

strProperty, dtBookDate, dtCheckIn and intNights parameters are required to retrieve the cancellation policy for the bookings that are going into V12 software.  
Currently only V12 software supports setting up of cancellation policy.  
This function can be called along with quote and booking API functions to retrieve cancellation policy for V12 software bookings.

Exceptions:

Required parameters strUserId, strPassword and strCOID are missing.  
Required parameter strCOID is missing.  
Login failure.

Requested company is not authorised.  
No permission to access this function.

## authenticateOwner

Authenticates owner on logging to custom ownerlink website.

Parameters:

Name	Type	Required	Description
<b>strCOID</b>	<i>String</i>	True	Unique identifier for the management company
<b>strOwnerId</b>	<i>String</i>	True	Owner ID from <a href="#">getOwnerStartupInfo</a> or your own UI
<b>strOwnerPwd</b>	<i>String</i>	True	Owner's password from <a href="#">getOwnerStartupInfo</a> or your own UI

Returns:

*boolean*

Remarks:

SOAPHeader needs to be set with the object of [clsPartnerAuthentication](#), which encapsulates partner credentials.

This method needs to be called to valid owner when owner logs into custom ownerlink website. Once owner is successfully authenticated then remaining ownerlink API calls can be called.

Exceptions:

Required parameters strUserId,strPassword and strCOID are missing.  
Required parameter strCOID is missing.  
Login failure.  
Requested company is not authorised.  
No permission to access this function.  
Owner Id and password are required.  
Owner Login information is not correct.  
Owner login failed attempts exceeded for this coid.

## clsSpecialsInfo

Name	Type	Description
<b>strPropId</b>	<i>String</i>	Property ID affected by this special
<b>intSplId</b>	<i>Int</i>	[Deprecated]
<b>strPropName</b>	<i>String</i>	[Deprecated]
<b>strCity</b>	<i>String</i>	[Deprecated]
<b>strArea</b>	<i>String</i>	[Deprecated]

<b>strType</b>	<i>String</i>	[Deprecated]
<b>strDesc</b>	<i>String</i>	Description of the special. maxlength: 8000
<b>hasSpecial</b>	<i>Boolean</i>	[Deprecated]
<b>dtExpDate</b>	<i>DateTime</i>	Expiration date of the special
<b>objPicInfo</b>	<i>clsPictureInfo</i>	[Deprecated]
<b>intBeds</b>	<i>Int</i>	[Deprecated]
<b>intBaths</b>	<i>Int</i>	[Deprecated]
<b>intOccu</b>	<i>Int</i>	[Deprecated]

### clsPictureInfo

Describes an image of a property

<b>Name</b>	<b>Type</b>	<b>Description</b>
<b>strURL</b>	<i>String</i>	URL of the image on ISI Link servers
<b>intWidth</b>	<i>Int</i>	Width in pixels of the image
<b>intHeight</b>	<i>Int</i>	Height in pixels of the image
<b>strImageName</b>	<i>String</i>	Caption of the image
<b>blnHasLargeImage</b>	<i>Boolean</i>	Indicates that whether the image has larger size version
<b>strImageHash</b>	<i>String</i>	Hash of the image

Remarks:

At present we are allowing deep-linking of images to our servers, but make no SLA guarantee. Downloading the images and serving them from your own servers is the only way for you to provide consistent performance for your website's guests.

The image name stored at the end of the URL bears no resemblance to the name of the image that was uploaded to the end property management system. This original filename is not preserved any place within this API.

The path to the image contains many identifiers of the management company and property. This is not guaranteed to remain in a consistent location. Do not attempt to reverse engineer any of these fields from this path.

The url returned is for standard image size. For larger size image place "L" in front of the file name, if blnHasLargeImage=true. Ex :If standard image url is <http://www.isi.com/images/1.jpg>, then the url for larger image is <http://www.isi.com/images/L1.jpg>. The intWidth and intHeight are the dimension of the largest image that ISILink has.

### clsVideoInfo

Describes a video info of a property

<b>Name</b>	<b>Type</b>	<b>Description</b>
-------------	-------------	--------------------

<b>strVideoUrl</b>	<i>String</i>	Video URL of a property
<b>strThumbnailUrl</b>	<i>Int</i>	Thumbnail image URL of the video
<b>strCaption</b>	<i>String</i>	Caption of the video

**clsPropIndex**

Returned from [getPropertyIndexes](#)

Name	Type	Description
<b>strId</b>	<i>String</i>	Property ID (prop_id)
<b>strName</b>	<i>String</i>	Name of the Property
<b>hasSpecial</b>	<i>Boolean</i>	Boolean value indicating whether the property is listed in <a href="#">getPropertySpecials</a> .

**clsWebConfig**

Name	Type	Description
<b>dMinStartDate</b>	<i>DateTime</i>	Advisory: desired minimum selectable check in date
<b>dMaxStartDate</b>	<i>DateTime</i>	Advisory: desired maximum selectable check in date
<b>intMinStay</b>	<i>Int</i>	Advisory: desired minimum selectable nights in a stay
<b>intMaxstay</b>	<i>Int</i>	Advisory: desired maximum selectable nights in a stay This is used to validate the intNights(StayLength) that is sent in <a href="#">getReservationBooking</a> and <a href="#">getReservationQuery</a> functions.
<b>dblMinRent</b>	<i>Double</i>	Advisory: desired minimum selectable rent for filtering
<b>dblMaxRent</b>	<i>Double</i>	Advisory: desired maximum selectable rent for filtering
<b>dblRentIncrement</b>	<i>Double</i>	Advisory: desired increment in the selectable rent values for filtering
<b>intMinBeds</b>	<i>Int</i>	Advisory: desired minimum selectable beds for filtering
<b>intMaxBeds</b>	<i>Int</i>	Advisory: desired maximum selectable beds for filtering
<b>intNoOfProps</b>	<i>Int</i>	Informational: total number of properties this management company has granted access to you
<b>blnDispIndex</b>	<i>Boolean</i>	Advisory: indicates whether a list of properties should be available independent of searching

<b>blnShowPropName</b>	<i>Boolean</i>	Advisory: indicates whether a management company wants to display property names or property IDs. May indicate substandard quality of property name data.
<b>strDispAttrs</b>	<i>String</i>	Advisory: indicates whether those attributes returned in arrSearchableAttrs should be available are for searching from a simple search screen
<b>strDispAdvAttrs</b>	<i>String</i>	Advisory: indicates whether those attributes returned in arrAdvSearchableAttrs should be available for searching from an advanced search screen
<b>blnDispCity</b>	<i>Boolean</i>	Advisory: indicates whether city should be searchable
<b>blnDispOccu</b>	<i>Boolean</i>	Advisory: indicates whether occupancy should be searchable
<b>blnDispArea</b>	<i>Boolean</i>	Advisory: indicates whether area should be searchable
<b>blnDispType</b>	<i>Boolean</i>	Advisory: indicates whether type should be searchable
<b>blnDispAdvCity</b>	<i>Boolean</i>	Advisory: indicates whether city should be searchable on an advanced search screen
<b>blnDispAdvOccu</b>	<i>Boolean</i>	Advisory: indicates whether occupancy should be searchable on an advanced search screen
<b>blnDispAdvArea</b>	<i>Boolean</i>	Advisory: indicates whether area should be searchable on an advanced search screen
<b>blnDispAdvType</b>	<i>Boolean</i>	Advisory: indicates whether type should be searchable on an advanced search screen
<b>blnDispAdvSearch</b>	<i>Boolean</i>	Advisory: indicates whether an or not there should be an advanced search screen
<b>blnDispCityProp</b>	<i>Boolean</i>	Advisory: indicates whether to show city per property in a search results list
<b>blnDispOccuProp</b>	<i>Boolean</i>	Advisory: indicates whether to show occupancy per property in a search results list
<b>blnDispAreaProp</b>	<i>Boolean</i>	Advisory: indicates whether to show area per property in a search results list
<b>blnDispTypeProp</b>	<i>Boolean</i>	Advisory: indicates whether to show type per property in a search results list
<b>dblNightsForFreeRent</b>	<i>Double</i>	[deprecated]
<b>strFreeRent</b>	<i>String</i>	[deprecated]
<b>strHeader1</b>	<i>String</i>	

		Advisory: various management company defined HTML blocks for customizing WebLink
<b>strHeader2</b>	<i>String</i>	Advisory: various management company defined HTML blocks for customizing WebLink
<b>strHeader3</b>	<i>String</i>	Advisory: various management company defined HTML blocks for customizing WebLink
<b>strHeader4</b>	<i>String</i>	Advisory: various management company defined HTML blocks for customizing WebLink
<b>strHeader5</b>	<i>String</i>	Advisory: various management company defined HTML blocks for customizing WebLink
<b>strPhone</b>	<i>String</i>	Informational: Contact phone number for the management company. maxlength: 50
<b>blnOwnerLink</b>	<i>Boolean</i>	[deprecated]
<b>blnShowSpecials</b>	<i>Boolean</i>	Advisory: indicates preference for displaying data available through <a href="#">getPropertySpecials</a>
<b>strCoUrl</b>	<i>String</i>	Informational: Management company configured website URL. maxlength: 150
<b>blnHideURL</b>	<i>Boolean</i>	Advisory: indicates preference of displaying a link to the strCoUrl address
<b>strName</b>	<i>String</i>	Informational: Management company name. maxlength: 50
<b>attributesList</b>	<i>Array of clsAttributeInfo</i>	Informational: complete list of all custom attributes
<b>areaList</b>	<i>Array of clsAreaInfo</i>	Informational: complete list of all property areas
<b>typeList</b>	<i>Array of clsTypeInfo</i>	Informational: complete list of all property types
<b>OccuList</b>	<i>Array of clsOccupancyInfo</i>	Informational: count of properties for the various occupancy values
<b>blnIsCSAOffered</b>	<i>Boolean</i>	[Deprecated]. This field is same as blnISILinkCSAOffered in <a href="#">clsCSAConfig</a> . Informational: indicates whether the management company wants to offer CSA travel insurance as part of the booking. Please see the remarks regarding mandatory notification.
<b>blnTransportOption</b>	<i>Boolean</i>	Advisory: indicates whether the management company wishes to offer transportation product deals
<b>intCustomerIDFK</b>	<i>Int</i>	[deprecated]
<b>arrCityList</b>	<i>Array of clsCityInfo</i>	Informational: complete list of all the locations in which these properties are



		found. These are not necessarily US cities and should be treated as a user defined list, not data worthy of geocoding attempts. Please note that the terms city and location are used interchangeably.
<b>arrSearchableAttrs</b>	<i>Array of clsAttributeInfo</i>	Advisory: list of attributes the management company believes should be searchable in a simple search screen
<b>arrAdvSearchableAttrs</b>	<i>Array of clsAttributeInfo</i>	Advisory: list of attributes the management company believes should be searchable in a advanced search screen
<b>arrStayUSAAttributesList</b>	<i>Array of clsAttributeInfo</i>	Informational: complete list of all normalized StayUSA attributes
<b>blnValidateOccupancy</b>	<i>Boolean</i>	Indicates whether the the management company wants to validate total number of guests in booking against property allowed occupancy
<b>blnRequiredMarketingInfoInBooking</b>	<i>Boolean</i>	Indicates whether the the marketing fields strMarketingCategory and strMarketingSource are required in booking functions <a href="#">getReservationBooking</a> .
<b>objCSAConfig</b>	<i>clsCSAConfig</i>	Informational: CSA Configuration information that is configured in ISILink customer admin by PMC. See <a href="#">clsCSAConfig</a> .
<b>intAdvanceDaysToBook</b>	<i>Int</i>	Number of days in advance to book a property . This is used to validate the arrival/checkin date that is sent in <a href="#">getReservationBooking</a> and <a href="#">getReservationQuery</a> functions.
<b>intAdvanceDaysToOwnerBooking</b>	<i>Int</i>	Number of days in advance to book a property by owner or owner guest. This is used to validate the arrival/checkin date that is sent in <a href="#">getOwnerBooking</a> .
<b>strPMCLoUrl</b>	<i>String</i>	Management Company logo url.
<b>blnSupportsCreditCardTokens</b>	<i>Boolean</i>	Indicates whether the the management company supports credit card tokens.
<b>blnOverrideDepositInBooking</b>	<i>Boolean</i>	This flag is applicable only to V12 customers and is informational. Indicates whether the deposit amount (dblCCAmount in booking functions) can be overridden in booking functions.

Remarks:

**There are a variety of legal requirements across states that makes offering travel insurance a means of reducing management company liability.**

If `blnIsCSAOffered` is true, you as the front line of interaction must offer this insurance on their behalf.

Suggested language:

Unless declined, `$clsResQuery.dblCSAMount` will be charged to your account by CSA Travel Protection within 24 hours. To learn more about CSA Travel Protection, please see their website at <http://www.csatravelprotection.com/>

### clsAttributeInfo

Describes one attribute, either custom or StayUSA unified

Name	Type	Description
<b>strCode</b>	<i>String</i>	[deprecated]
<b>strAttrName</b>	<i>String</i>	Name of the attribute. maxlength: 50
<b>intNoOfProps</b>	<i>Int</i>	Count of properties tagged with this attribute

Remarks:

There is an important distinction between custom attributes and StayUSA attributes. This class is used to describe both types, but the field in which it's located determines which type it contains.

Custom attributes are defined by the management company and are not uniform across different management companies or even within one management software product.

StayUSA attributes are mapped from the custom attributes into a unified set which are consistent across both contributing software products and management companies. Only the StayUSA attributes are appropriate for searching or filtering when you are dealing with more than one management company at a time.

### clsAreaInfo

Describes on value for the area of a property

Name	Type	Description
<b>strCode</b>	<i>String</i>	[deprecated]
<b>strAreaName</b>	<i>String</i>	Description of the area. maxlength: 500
<b>intNoOfProps</b>	<i>Int</i>	Count of properties tagged with this area

### clsTypeInfo

Describes one value for a property type

Name	Type	Description
------	------	-------------

<b>strCode</b>	<i>String</i>	[deprecated]
<b>strTypeName</b>	<i>String</i>	Description of the type. maxlength: 500
<b>intNoOfProps</b>	<i>Int</i>	Count of properties tagged with this type

Remarks:

Properties are of varying types defined by the management company. For instance, Condo, Townhome, Villa. This class describes each type and mentions the count of properties tagged with each type.

### clsOccupancyInfo

Provides property counts per occupancy value

Name	Type	Description
<b>intOccupancy</b>	<i>Int</i>	Maximum occupancy of a unit
<b>intNoOfProps</b>	<i>Int</i>	Count of properties tagged with this occupancy value

Remarks:

This is informational only. The occupancy values are simply a distinct list of occupancy values on the management company's properties. There's no need to do anything with this information.

### clsCityInfo

Describes on Location and the count of properties tagged with this value

Name	Type	Description
<b>strValue</b>	<i>String</i>	[deprecated]
<b>strCityName</b>	<i>String</i>	Name of the location. maxlength: 100
<b>intNoOfProps</b>	<i>Int</i>	Count of properties tagged with this location value

### clsPropertyReview

Name	Type	Description
<b>intReviewID</b>	<i>Int</i>	Unique identifier,that is generated by ISILink, for the review.
<b>strProvider</b>	<i>String</i>	Unique identifier for the provider management company
<b>strCOID</b>	<i>String</i>	Required. Unique identifier for the management company.
<b>strPropID</b>	<i>String</i>	Required. Propert ID of the review.

<b>intQuoteNumber</b>	<i>Int</i>	Reservation Number of the guest
<b>dblRating</b>	<i>Decimal</i>	Guest rating for the property
<b>strReview</b>	<i>String</i>	Required. Review for the property.
<b>dtCheckInDate</b>	<i>DateTime</i>	Guest checkin date of the reservation
<b>intNights</b>	<i>Int</i>	Guest stay length
<b>dtReviewDate</b>	<i>DateTime</i>	Review date
<b>dtManagerResponseDate</b>	<i>DateTime</i>	Manager response date
<b>strGuestEmail</b>	<i>String</i>	Guest email
<b>strManagerResponse</b>	<i>String</i>	Manager Response for the review
<b>strTitle</b>	<i>String</i>	Review title
<b>strDisplayName</b>	<i>String</i>	Review display name
<b>strReviewURL</b>	<i>String</i>	Review URL
<b>dblValueRating</b>	<i>Decimal</i>	Value Rating
<b>dblCheckInRating</b>	<i>Decimal</i>	CheckIn Rating
<b>dblLocationRating</b>	<i>Decimal</i>	Location Rating
<b>dblCleanRating</b>	<i>Decimal</i>	Cleanliness Rating
<b>dblComfortRating</b>	<i>Decimal</i>	Comfort Rating
<b>dblServiceRating</b>	<i>Decimal</i>	Service Rating
<b>strMostLiked</b>	<i>String</i>	Guest liked best about this accommodation
<b>strLeastLiked</b>	<i>String</i>	Guest liked least about this accommodation
<b>strPersonalTips</b>	<i>String</i>	Guest person tip about the accommodation
<b>strReasonToSelect</b>	<i>String</i>	Guest reason to select the accommodation
<b>strGuestAddnDetails</b>	<i>String</i>	Guest additional details
<b>strRecommendToFriends</b>	<i>String</i>	Guest recommends to friends getaway.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToSingles</b>	<i>String</i>	Guest recommends for young singles.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToGroups</b>	<i>String</i>	Guest recommends for large groups.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToHandicap</b>	<i>String</i>	Guest recommends for people with disabilities.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToOlder</b>	<i>String</i>	Guest recommends for older travelers.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToRugged</b>	<i>String</i>	Guest recommends for rugged travelers.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToLuxuryMinded</b>	<i>String</i>	Guest recommends for luxury-minded travelers.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToTourists</b>	<i>String</i>	Guest recommends for tourists.Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToFamilyWithKids</b>	<i>String</i>	

		Guest recommends for families with kids .Possible Values Y=Yes,N=No and Blank for No opinion
<b>strRecommendToFamilyWithTeenagers</b>	<i>String</i>	Guest recommends for families with teenagers .Possible Values Y=Yes,N=No and Blank for No opinion
<b>strGuestRecommendation</b>	<i>String</i>	Guest Recommendations
<b>strProviderReviewID</b>	<i>String</i>	ReviewID that is generated by the review provider.

Remarks:

The date fields are not required fields.By default it will have null value in ISILINK.  
The date will be returned as '0001-01-01T00:00:00' in SOAP response for Null value

#### clsResChangeLogInfo

Record of changed availability/reservations

Name	Type	Description
<b>intQuoteNum</b>	<i>Int</i>	Reservation number unique only within one management company's data
<b>strPropId</b>	<i>String</i>	Property ID. maxlength: 50
<b>dtChangedOn</b>	<i>DateTime</i>	Server timestamp of the change
<b>dtStartdate</b>	<i>DateTime</i>	Check in date of the reservation
<b>dtEndDate</b>	<i>DateTime</i>	Check out date of the reservation
<b>strStatusFlag</b>	<i>String</i>	Possible values: 'X' - Cancelled. Any other value is a valid reservation. maxlength: 1
<b>strChangeLog</b>	<i>String</i>	Type of the change. Possible values: 'ALL'
<b>intLogID</b>	<i>Int</i>	Log ID of the change log record.

#### clsChangeLogInfo

Record of changed data for a property

Name	Type	Description
<b>strPropId</b>	<i>String</i>	Property ID of the property whose associated data has changed, or 'ALL PROPERTIES'
<b>dtChangedOn</b>	<i>DateTime</i>	Server timestamp of the change
<b>dtStartdate</b>	<i>DateTime</i>	[deprecated]
<b>dtEndDate</b>	<i>DateTime</i>	[deprecated]
<b>strChangeLog</b>	<i>String</i>	Type of the change. Possible values: 'PROPERTY', 'PRICING', 'AVAILABILITY', 'REVIEW'

## Remarks:

There are certain types of changes that affect every property, such as changes to addons or seasons. In these cases, you'll see a row where strPropId is set to 'ALL PROPERTIES'.

**clsBookingHistory**

Describes one historical reservation

Name	Type	Description
<b>dtStartDate</b>	<i>DateTime</i>	Check in date
<b>dtEndDate</b>	<i>DateTime</i>	Check out date
<b>dtBookDate</b>	<i>DateTime</i>	Date reservation was booked
<b>dtModifiedDate</b>	<i>DateTime</i>	Date reservation was last changed
<b>strPropId</b>	<i>String</i>	Property ID. maxlength: 50
<b>strStatus</b>	<i>String</i>	Status of the reservation. Possible values: 'B' - Booked, 'D' - Deleted, 'E' - Enquiry, 'H' - History. maxlength: 1
<b>strStatFlag</b>	<i>String</i>	Status of the reservation. 'C' - Completed, 'T' - Tentative, 'E' - Entered, 'I' - Check in, 'O' - Check out, 'X' - Cancelled. maxlength: 1
<b>intQuoteNum</b>	<i>Int</i>	Reservation/Quote Number

## Remarks:

PropertyPlus is the only system that provides each of the Status and StatFlag values.

For all other systems, strStatus will be 'B' and strStatFlag will be either 'E' or 'X'.

**clsOwnerInfo**

Describes one owner and their current login credentials

Name	Type	Description
<b>strOwner</b>	<i>String</i>	Owner ID unique within COID. maxlength: 50
<b>strPassword</b>	<i>String</i>	The owner's password. maxlength: 30
<b>strPropId</b>	<i>String</i>	Property ID. maxlength: 50
<b>strEmail</b>	<i>String</i>	Owner's email address. maxlength: 100

## Remarks:

Important note: Owner IDs are unique within a COID's data. However, one unit may be owned by multiple owners and one owner have own multiple units. This describes one relationship between one owner and one unit. In relational database terms, this is a linking table.

**clsOwnerStmt**

Provides either the statement or the details to retrieve it

Name	Type	Description
<b>dtStmtDate</b>	<i>DateTime</i>	First day of the month the statement is for
<b>strStmtURL</b>	<i>String</i>	URL from which to download the statement. This may contain your RESCOID and password! maxlength: 2048
<b>strOwnerStmt</b>	<i>String</i>	HTML contents of the statement. maxlength: unlimited

Remarks:

PropertyPlus,AVMAIN strOwnerStmt is populated.

V12, strStmtURL is populated. It can be accessed by adding user credentials in query string like userid=RESCOID&password=Password to the strStmturl.ex:strStmturl?userid=xxxxx&password=xxxxx.

It is recommended to download the statement instead of linking to the url as it exposes your credentials.

The other systems do not support retrieval of the statements yet and this support is under review.

**clsWorkOrder**

Describes one work order

Name	Type	Description
<b>strWONo</b>	<i>String</i>	Work order number. Unique within COID. maxlength: 15
<b>strPropId</b>	<i>String</i>	Property ID. maxlength: 50
<b>strRegdate</b>	<i>String</i>	Created Date. 'MM/DD/YYYY'
<b>strName</b>	<i>String</i>	Name of the person the work order is assigned to. maxlength: 30
<b>strReportedBy</b>	<i>String</i>	Who requested the work to be done. maxlength: 50
<b>strSuppCode</b>	<i>String</i>	Vendor code defined in end system. maxlength: 50
<b>strDesc</b>	<i>String</i>	Description of the work to be done. maxlength: 500
<b>dblEstCost</b>	<i>Double</i>	Estimated cost
<b>dblActualcost</b>	<i>Double</i>	Actual cost
<b>strStatus</b>	<i>String</i>	Status of the work order. Possible values: 'E' - Initial entry, 'S' - Scheduled, 'C' - Completed, 'Q' - Quote only, 'V' - Vendor Work orders. maxlength: 1
<b>dtBeginDate</b>	<i>DateTime</i>	Work order start date
<b>dtEndDate</b>	<i>DateTime</i>	Work order end date
<b>blnOwnerApproval</b>	<i>Boolean</i>	Boolean indicating if the owner approved the work
<b>dtApprDate</b>	<i>DateTime</i>	Owner approval date
<b>strCompDesc</b>	<i>String</i>	Description at completion. maxlength: unlimited
<b>strFullDesc</b>	<i>String</i>	Full description of the work order. maxlength: unlimited
<b>dtCompDate</b>	<i>DateTime</i>	Work order complete date

**clsRentalHistory**

Array of reservations including payment/accounting details

Name	Type	Description
<b>arrPropertyResInfo</b>	<i>Array of clsPropertyResInfo</i>	Reservations. See <a href="#">clsPropertyResInfo</a> .
<b>arrStaySummery</b>	<i>Array of clsRentalSummery</i>	[deprecated]
<b>arrRentSummery</b>	<i>Array of clsRentalSummery</i>	[deprecated]

Remarks:

Array of reservations. Deprecated properties were simply stats on this returned data.

**clsPropertyResInfo**

Describes one reservation

Name	Type	Description
<b>dtArrivalDate</b>	<i>DateTime</i>	Check in date
<b>dtDeptDate</b>	<i>DateTime</i>	Check out date
<b>strGuestName</b>	<i>String</i>	First and Last name of guest. maxlength: 100
<b>strBookingNo</b>	<i>String</i>	Reservation/Quote number
<b>intDays</b>	<i>Int</i>	[deprecated]
<b>dblGrossRent</b>	<i>Double</i>	Total Rent charged for the stay
<b>dblCommCharges</b>	<i>Double</i>	Management company commissions, fees and taxes on this stay
<b>dblNet2Owner</b>	<i>Double</i>	Net proceeds to owner
<b>strStayType</b>	<i>String</i>	Flag indicating the type of reservation that makes this date unavailable to the guest. Possible Values: 'O'-Reserved by Property Owner, 'G'-Reserved for Guest of Owner, 'P'-Regular guest Reservation confirmed with payment, 'U'-Regular guest reservation not yet confirmed with payment, 'W'-Maintenance, 'R'- Regular guest reservation
<b>dtBookingDate</b>	<i>DateTime</i>	Date the booking was made
<b>strConfirmed</b>	<i>String</i>	'YES' or 'NO' indicating whether reservation has been confirmed with a payment

**clsRentalSummery**

Name	Type	Description
<b>strNumber</b>	<i>String</i>	
<b>strType</b>	<i>String</i>	



<b>strValue</b>	<i>String</i>	
-----------------	---------------	--

### clsCSAReservationInfo

Name	Type	Description
<b>intID</b>	<i>Int</i>	
<b>objTripInfo</b>	<i>clsTripInfo</i>	
<b>strCOID</b>	<i>String</i>	
<b>strCompanyName</b>	<i>String</i>	
<b>objGuestInfo</b>	<i>clsGuestInfo</i>	
<b>objRentalInfo</b>	<i>clsRentalInfo</i>	
<b>strBookingResNo</b>	<i>String</i>	

### clsTripInfo

Name	Type	Description
<b>dtDepartureDate</b>	<i>DateTime</i>	
<b>dtReturnDate</b>	<i>DateTime</i>	
<b>dblTripCost</b>	<i>Double</i>	
<b>dtBookingDate</b>	<i>DateTime</i>	
<b>dtUnbookingDate</b>	<i>DateTime</i>	
<b>dtCancelDate</b>	<i>DateTime</i>	
<b>strResType</b>	<i>String</i>	
<b>dblGTotals</b>	<i>Double</i>	
<b>dblTotalTax</b>	<i>Double</i>	
<b>dblPaymentValue</b>	<i>Double</i>	
<b>dblCSAMultiplier</b>	<i>Double</i>	
<b>strPolicyNumber</b>	<i>String</i>	

### clsGuestInfo

Superclass of clsOwnerDetails

Name	Type	Description
<b>strFirstName</b>	<i>String</i>	First Name. maxlength: 30
<b>strLastname</b>	<i>String</i>	Last Name. maxlength: 50
<b>strAddress1</b>	<i>String</i>	Address line 1. maxlength: 30
<b>strAddress2</b>	<i>String</i>	Address line 2. maxlength: 60

<b>strCity</b>	<i>String</i>	City. maxlength: 30
<b>strState</b>	<i>String</i>	State. maxlength: 30
<b>strZip</b>	<i>String</i>	Zip. maxlength: 10
<b>strHomePhone</b>	<i>String</i>	Home phone number. maxlength: 20
<b>strWorkPhone</b>	<i>String</i>	Work phone number. Please note the misspelling. maxlength: 20
<b>strEmail</b>	<i>String</i>	Email address. maxlength: 100

### clsOwnerDetails

Describes one Owner

Name	Type	Description
<b>strOwnerID</b>	<i>String</i>	Owner ID. maxlength: 50
<b>strCustomerType</b>	<i>String</i>	Type of end software. Possible values 'V' - V12, 'P' - PropertyPlus, 'E' - Entech, 'A' - AVMain (First Resort), 'Q' - ResortQuest RSS AS/400
<b>strProperties</b>	<i>Array of string</i>	Array of Property IDs. maxlength: 50
<b>strCountry</b>	<i>String</i>	Country. maxlength: 30
<b>strAddress3</b>	<i>String</i>	Province/Address line 3. maxlenth: 30

Remarks:

*Note that this class inherits from [clsGuestInfo](#)*

### clsGuestReservationInfo

Details of a reservation

Name	Type	Description
<b>strPropID</b>	<i>String</i>	Property ID
<b>dtCheckInDate</b>	<i>DateTime</i>	Check in date of the reservation
<b>dtCheckOutDate</b>	<i>DateTime</i>	Check out date of the reservation
<b>intAdults</b>	<i>Int</i>	Number of adults
<b>intChildren</b>	<i>Int</i>	Number of children
<b>intQuoteNum</b>	<i>Int</i>	Quote Number / Reservation Number
<b>strStatus</b>	<i>String</i>	Possible values: 'X' - Cancelled. 'E' - Entered. Any other value is a valid reservation. maxlength: 1
<b>strNotes</b>	<i>String</i>	Notes that the management company has made about this reservation. maxlength: unlimited
<b>dtBookDate</b>	<i>DateTime</i>	Date that the reservation was made
<b>dtChangeDate</b>	<i>DateTime</i>	Date that the reservation last changed
<b>strResAgent</b>	<i>String</i>	LoginID of the reservationist who took the reservation. maxlength: 20

<b>strGuestID</b>	<i>String</i>	Customer code defined by the management company. maxlength: 50
<b>strStayType</b>	<i>String</i>	Flag indicating the type of reservation that makes this date unavailable to the guest. Possible Values: 'O'-Reserved by Property Owner, 'G'-Reserved for Guest of Owner, 'P'-Regular guest Reservation confirmed with payment, 'U'-Regular guest reservation not yet confirmed with payment, 'W'-Maintenance, 'R'- Regular guest reservation
<b>strGuestType</b>	<i>String</i>	[deprecated]
<b>strLockOffProps</b>	<i>Array of string</i>	Array of additional Property IDs that this reservation covers
<b>dblTotalRent</b>	<i>Double</i>	Total rent of the reservation
<b>dblAmountPaid</b>	<i>Double</i>	Guest paid amount against reservation
<b>dblTotalExtras</b>	<i>Double</i>	Sum of the extra charges(addons)
<b>dblTotalTax</b>	<i>Double</i>	Total tax on the reservation
<b>dblBalance</b>	<i>Double</i>	Balance on the reservation
<b>strMarketingCategory</b>	<i>Double</i>	Marketing Category(only for V12 customers)
<b>strMarketingSource</b>	<i>Double</i>	Marketing Source (only for V12 customers)
<b>blnIsISILinkBooking</b>	<i>Booelan</i>	Tells whether the booking is generated through ISILink or in end system itself

Remarks:

*Note that this class inherits from [clsGuestInfo](#)*

#### clsRentalInfo

Name	Type	Description
<b>strPropId</b>	<i>String</i>	
<b>strAddress1</b>	<i>String</i>	
<b>StrAddress2</b>	<i>String</i>	
<b>strCity</b>	<i>String</i>	
<b>strState</b>	<i>String</i>	
<b>strZip</b>	<i>String</i>	

#### clsCSAPaymentInfo

Name	Type	Description
<b>strCOID</b>	<i>String</i>	
<b>strCompanyName</b>	<i>String</i>	
<b>dtPaymentDate</b>	<i>DateTime</i>	

<b>dblPaymentAmt</b>	<i>Double</i>	
<b>strAppliedTo</b>	<i>String</i>	
<b>objTripInfo</b>	<i>clsTripInfo</i>	
<b>objGuestInfo</b>	<i>clsGuestInfo</i>	
<b>objRentalInfo</b>	<i>clsRentalInfo</i>	
<b>strBookingResNo</b>	<i>String</i>	
<b>strRptReason</b>	<i>String</i>	
<b>intID</b>	<i>Int</i>	

### clsCustomerInfo

Details about a management company

<b>Name</b>	<b>Type</b>	<b>Description</b>
<b>strName</b>	<i>String</i>	Name of the management company. maxlength: 50
<b>strCoId</b>	<i>String</i>	NOTE: please note that the case of strCoId is inconsistent with the other occurrences throughout this API. SOAP is case-sensitive and it has remained unchanged for backwards-compatibility.
<b>strAddress1</b>	<i>String</i>	Address line 1. maxlength: 50
<b>strAddress2</b>	<i>String</i>	Address line 2. maxlength: 50
<b>strCity</b>	<i>String</i>	City. maxlength: 50
<b>strState</b>	<i>String</i>	State. maxlength: 2
<b>strZip</b>	<i>String</i>	Zipcode. maxlength: 10
<b>strPhone</b>	<i>String</i>	Phone number. maxlength: 20
<b>strCustomerEmail</b>	<i>String</i>	Business contact email address. maxlength: 150
<b>strCustomerURL</b>	<i>String</i>	Management company website URL. maxlength: 150
<b>strCustomerType</b>	<i>String</i>	Customer Type. Possible values: P - Property Plus, E - Entech, Q - RQI-RSS, A - AVMAIN, V - V12.NET, I=Overview

### clsProperty

Describes one property

<b>Name</b>	<b>Type</b>	<b>Description</b>
<b>strPropId</b>	<i>String</i>	The Property ID of this property. PD,SR. maxlength: 50
<b>strName</b>	<i>String</i>	Name of the property. PD,SR. maxlength: 50
<b>strAddress1</b>	<i>String</i>	Name or Address Line 1. PD,SR. maxlength: 50
<b>strAddress2</b>	<i>String</i>	Address Line 1 or Address Line 2. PD only. maxlength: 50
<b>strCity</b>	<i>String</i>	City the property is in. PD,SR. maxlength: 50
<b>strState</b>	<i>String</i>	State the property is in. PD,SR. maxlength: 2

<b>strLocation</b>	<i>String</i>	Location of property. This maps to the list returned from <a href="#">getStartupInfo</a> . PD,SR. maxlength: 100
<b>strCountry</b>	<i>String</i>	Country the property is in. PD only. maxlength: 30
<b>strZip</b>	<i>String</i>	Zipcode the property is in. PD only. maxlength: 10
<b>strPhone</b>	<i>String</i>	Phone number in the property. PD,SR. maxlength: 20
<b>strDesc</b>	<i>String</i>	Description of the property. PD only. maxlength: unlimited
<b>dblBeds</b>	<i>Double</i>	Count of bedrooms. PD,SR.
<b>dblBaths</b>	<i>Double</i>	Count of baths. PD,SR.
<b>strTurnDay</b>	<i>String</i>	[deprecated]
<b>strUnitType</b>	<i>String</i>	Type of the unit. This is NOT a value from the list returned by <a href="#">getStartupInfo</a> . Rather it is a separate field defined by some of the data providing software products which defines the kind of property. PD only. maxlength: 50
<b>strComplex</b>	<i>String</i>	Property complex in which the property resides. PD only. maxlength: 50
<b>strArea</b>	<i>String</i>	Area of the property. This maps to the list returned from <a href="#">getStartupInfo</a> . PD,SR. maxlength: 500
<b>strType</b>	<i>String</i>	Type of the property. This maps to the list returned from <a href="#">getStartupInfo</a> . PD,SR. maxlength: 500
<b>intOccu</b>	<i>Int</i>	Maximum occupancy of the property. PD,SR.
<b>dblRate</b>	<i>Double</i>	Total rent for the given stay. SR only.
<b>arrAttributes</b>	<i>Array of string</i>	List of custom attributes associated with this property. Each value will be from the master list of custom attributes returned from <a href="#">getStartupInfo</a> . PD,SR.
<b>arrAttributeValues</b>	<i>Array of string</i>	List of values associated with the custom attributes in arrAttributes. The indices in this array map one to one with arrAttributes. PD only.
<b>arrPicList</b>	<i>Array of clsPictureInfo</i>	List of URLs to the images of the property. See <a href="#">clsPictureInfo</a> . PD only.
<b>arrStayUSAAttributes</b>	<i>Array of clsPropertyAttribute</i>	List of StayUSA Attributes. See <a href="#">clsPropertyAttribute</a> PD only.
<b>arrSeasonRates</b>	<i>Array of clsSeasonRates</i>	Seasonal rates for this property. See <a href="#">clsSeasonRates</a> . PD only.
<b>arrseasonAddons</b>	<i>Array of clsSeasonAddons</i>	List of addon charges data for this property. See <a href="#">clsSeasonAddons</a> . PD only
<b>arrNonAvailDates</b>	<i>Array of clsNonAvailDates</i>	List of availability data for this property. See <a href="#">clsNonAvailDates</a> . PD only.
<b>arrayPropSpecial</b>	<i>Array of clsPropertySpecials</i>	[deprecated]
<b>arrMinNightsInfo</b>	<i>Array of clsMinNightsInfo</i>	Seasonal minimum stay requirements. See <a href="#">clsMinNightsInfo</a> . PD only.
<b>arrTurnDayInfo</b>	<i>Array of clsTurnDay</i>	

		Seasonal check in day of week requirements. See <a href="#">clsTurnDay</a> . PD only.
<b>strChangeLogFlag</b>	<i>String</i>	[deprecated]
<b>strPicUrl</b>	<i>String</i>	Thumbnail property image URL. SR only.
<b>strMapRef</b>	<i>String</i>	[deprecated]
<b>strPropertyHeadLine</b>	<i>String</i>	Property headline. Only applicable to Overview customers
<b>dblLongitude</b>	<i>Double</i>	Property address longitude. Only applicable to Overview customers
<b>dblLatitude</b>	<i>Double</i>	Property address latitude. Only applicable to Overview customers
<b>intDefaultMapZoomLevel</b>	<i>Int</i>	Default map zoom level for a property. Only applicable to Overview customers
<b>arrVideoList</b>	<i>Array of clsVideoInfo</i>	List of URLs to videos of the property. See <a href="#">clsVideoInfo</a> . PD only.
<b>dblAvgRating</b>	<i>decimal</i>	Property average review rating. SR only.

## Remarks:

Arrays of this class are returned by two different methods in the API. Depending on which method returned the object, different subsets of fields are returned. These are noted by SR for [getSearchResults](#) and PD for [getPropertyDesc](#).

**clsPropertyAttribute**

Describes one property attribute name/value pair

Name	Type	Description
<b>strAttributeName</b>	<i>String</i>	Name of the attribute. maxlength: 50
<b>strAttributeValue</b>	<i>String</i>	Value/choice of the attribute. maxlength: 20

## Remarks:

At present, only the V12 management software provides values. Others may in the future.

**clsSeasonRates**

Describes the rate for a single season

Name	Type	Description
<b>strChargeBasis</b>	<i>String</i>	Timeframe of stay for which this rate applies. Possible values: 'Daily', 'Weekly', 'Monthly', 'Daily_Weekend' and 'Daily_ExtraDay'
<b>dtBeginDate</b>	<i>DateTime</i>	Inclusive start date of the season during which this rate is applicable.
<b>dtEndDate</b>	<i>DateTime</i>	Inclusive end date of the season during which this rate is applicable.

<b>dblRate</b>	<i>Double</i>	Rate for the property during the indicated season. This value is inclusive of any SeasonalAddons. For the reasons mentioned in clsSeasonAddons, this may be artificially inflated.
----------------	---------------	--

### clsSeasonAddons

Describes addons applicable to a given season

Name	Type	Description
<b>strAddonName</b>	<i>String</i>	Addon Name
<b>blnIncludeInRent</b>	<i>Boolean</i>	Whether to include this addon on to rent or not.
<b>intMinNights</b>	<i>Int</i>	Minimum Stay Nights.
<b>intMaxNights</b>	<i>Int</i>	Maximum Stay Nights.
<b>dtBookDateFrom</b>	<i>DateTime</i>	Bookdate From.
<b>dtBookDateTo</b>	<i>DateTime</i>	Bookdate To.
<b>strAmountType</b>	<i>String</i>	Amount Type. Possible values "\$", "%"
<b>strRateAdjCategory</b>	<i>String</i>	V12 Rate Adjustment Category of addon.Applicable to V12 customers only.

Remarks:

*Note that this class inherits from [clsSeasonRates](#) and includes all of the fields in [clsSeasonRates](#) with one important difference: strChargeBasis. The values in this field are either 'Daily' or 'OneTime'. 'Daily' indicates that this Addon is applicable to every *night* during the stay. 'OneTime' indicates that the charge is applicable only once per stay.*

V12 has following additional strChargeBasis values for the addons.

AD=Per Adult, ADMO=Per Adult per Month, ADNT=Per Adult Per Night, ADWK=Per Adult per Week, CH=Per Child, CHMO=Per Child per Month, CHNT=Per Child Per Night, CHWK=Per Child per Week, MO=Per Month, PR=Per Person, PRMO=Per Person per Month, PRNT=Per Person per Night, PRWK=Per Person per Week, STAY=Per Stay, WK=Per Week, PQ=OneTime/Per Quantity, NT=Per Night.

This distinction has the potential to artificially inflate the value of the Rate in the [clsSeasonRates](#) class. The dblRate field in [clsSeasonRates](#) includes ALL addons applicable for that season. This includes one time charges. Therefore, it is inappropriate to multiply the dblRate by the number of nights to yield a total stay price.

Further, there are all manner of taxes and other fees that may or may not be included within these addons depending on which source software product has provided the data. There is no reliable way for consumers of this data to project the total stay cost without calling [getReservationQuery](#). This data is provided only as a guideline, approximate value and should never be presented as the total expense of a stay.

Note: Addons where blnIncludeInRent = true are never to be itemized or displayed to a traveler. They are included so that you may use them to better calculate rates.

**clsNonAvailDates**

Describes one date range for which the property is unavailable

Name	Type	Description
<b>dtFromDate</b>	<i>DateTime</i>	Check in date of this reservation. Another guest may check out on this date.
<b>dtToDate</b>	<i>DateTime</i>	Check out date of this reservation. Another guest may check in on this date.
<b>strStayType</b>	<i>String</i>	Flag indicating the type of reservation that makes this date unavailable to the guest. Possible Values: 'O'-Reserved by Property Owner, 'G'-Reserved for Guest of Owner, 'P'-Regular guest Reservation confirmed with payment, 'U'-Regular guest reservation not yet confirmed with payment, 'W'-Maintenance, 'R'-Regular guest reservation
<b>intQuoteNum</b>	<i>Int</i>	Reservation number of the stay. This number is unique only within one COID's data.

**clsPropertySpecials**

Name	Type	Description
<b>strDesc</b>	<i>String</i>	
<b>hasSpecial</b>	<i>Boolean</i>	
<b>dtExpDate</b>	<i>DateTime</i>	

**clsMinNightsInfo**

Describes seasonal minimum stay length requirements

Name	Type	Description
<b>dtBeginDate</b>	<i>DateTime</i>	Inclusive starting date of the stay requirement
<b>dtEndDate</b>	<i>DateTime</i>	Inclusive ending date of the stay requirement
<b>intMinNights</b>	<i>Int</i>	Minimum number of nights allowed during this period
<b>intStayIncrement</b>	<i>Int</i>	Stay increment after minimum number of nights

Remarks:

These requirements ARE enforced! If you attempt to submit a reservation in violation of these requirements, it will be declined. Knowing these values in advance can help keep them out of the search results for guests trying to stay for shorter periods.

It's a pretty safe bet that most management companies will welcome a guest to stay for durations shorter than is noted here, but the reservation must be processed for this minimum length.

**clsTurnDay**



Describes seasonal days on which a checkin is allowed

Name	Type	Description
<b>dtBeginDate</b>	<i>DateTime</i>	Inclusive starting date of the turn day requirements
<b>dtEndDate</b>	<i>DateTime</i>	Inclusive ending date of the turn day requirements
<b>intTurnDay</b>	<i>Int</i>	Day of the week that a reservation must begin on. See remarks.

Remarks:

- 0 - Any day of the week, no restriction
- 1 - Monday
- 2 - Tuesday
- 3 - Wednesday
- 4 - Thursday
- 5 - Friday
- 6 - Saturday
- 7 - Sunday

#### clsResContractInfo

Describes management company defined rental agreements and accepted payment methods

Name	Type	Description
<b>strPara1</b>	<i>String</i>	Rental agreement that must be accepted by the guest to book with this management company. maxlength: unlimited
<b>strPara2</b>	<i>String</i>	[deprecated]
<b>strPara3</b>	<i>String</i>	[deprecated]
<b>strPara4</b>	<i>String</i>	[deprecated]
<b>strPara5</b>	<i>String</i>	[deprecated]
<b>strReservationContract</b>	<i>String</i>	Reservation contract information that is set up by the management company. maxlength: unlimited
<b>blnIsTenantCount</b>	<i>Boolean</i>	[deprecated]
<b>blnCCEnabled</b>	<i>Boolean</i>	Indicates whether the management accepts credit card payment
<b>blnCheckPaymentEnabled</b>	<i>Boolean</i>	Indicates whether the management accepts electronic check payment on booking
<b>arrCCList</b>	<i>Array of string</i>	Indicates which credit cards this management company accepts. Possible values: 'VISA' (Visa), 'MC' (Mastercard), 'DISC' (Discover), 'AMEX' (American Express)

#### clsBookingInfo

This class is used only as input to various booking functions

Name	Type	Description
<b>strCCName</b>	<i>String</i>	Name on the credit card. Max length: 50

<b>strCCAddress1</b>	<i>String</i>	Billing address line 1
<b>strCCAddress2</b>	<i>String</i>	Optional. Billing address line 2
<b>strCCCity</b>	<i>String</i>	Billing address city (please note the case discrepancy)
<b>strCCState</b>	<i>String</i>	Required unless strCCProvince is set. Billing address state for country USA, 2 character
<b>strCCProvince</b>	<i>String</i>	Required unless strCCState is set. Billing address province code if outside USA
<b>strCCZIP</b>	<i>String</i>	Billing address zipcode
<b>strCCCountry</b>	<i>String</i>	Billing address country, 2 character code
<b>strCCNumber</b>	<i>String</i>	Credit card number
<b>strCCType</b>	<i>String</i>	Type of credit card, possible values: 'VISA' (Visa), 'MC' (Mastercard), 'DISC' (Discover), 'AMEX' (American Express)
<b>strCCEmail</b>	<i>String</i>	Guest email address
<b>strCCExpMonth</b>	<i>String</i>	Credit card expiration month, 2 digit, zero left padded month number
<b>strCCExpYear</b>	<i>String</i>	Credit card expiration year, 4 digit
<b>blnAcceptCSA</b>	<i>Boolean</i>	If blnISILinkCSAOffered returned from <a href="#">getStartupInfo</a> is true, then a true value here indicates that the user has accepted CSA trip insurance coverage offered by ISILink. If blnEndSystemCSAOptOutOption returned from <a href="#">getStartupInfo</a> is true, then a true value here indicates that the user has accepted PMC's trip insurance coverage. If both blnISILinkCSAOffered and blnEndSystemCSAOptOutOption are false, then this value is ignored.
<b>dblCCAmount</b>	<i>Double</i>	Required. This value must be set to the dblDues value of the <a href="#">clsResQuery</a> object returned from a prior <a href="#">getReservationQuery</a> call
<b>dblForcedRent</b>	<i>Double</i>	If passed to <a href="#">getBookingWithRentOverride</a> , this will override the base rent value of the reservation. This field is ignored in the other methods.
<b>blnCleaning</b>	<i>Boolean</i>	Optional and only applicable to <a href="#">getOwnerBooking</a> .
<b>strOwnerCode</b>	<i>String</i>	Required and only applicable to <a href="#">getOwnerBooking</a> . If strResType is 'O' then first name(strFName) and last name(strLName) are not required with valid strOwnerCode. This is returned in <a href="#">getOwnerStartupInfo</a> .
<b>strComments</b>	<i>String</i>	Optional. Max length is 500. Comments that channel partner wants to send to PMC.
<b>objCheckDetails</b>	<i>clsCheckDetails</i>	These new fields are for future development to accept electronic checks payments. A notice will be emailed when these fields available for use.  Optional. Check details in order to process electronic check payment on booking. See <a href="#">clsCheckDetails</a> .
<b>strMarketID</b>	<i>String</i>	Optional. Reservation source marketing ID.
<b>strMarketingCategory</b>	<i>String</i>	

		Marketing Category. Possible marketing categories are returned in <a href="#">getMarketingCategories</a> .Max length: 50.  If there are no categories returned in <a href="#">getMarketingCategories</a> , still partner can provide free form text of marketing category.
<b>strMarketingSource</b>	<i>String</i>	Marketing Source. Possible marketing categories and its sources are returned in <a href="#">getMarketingCategories</a> .Max length: 50  If there are no categories and sources returned in <a href="#">getMarketingCategories</a> , still partner can provide free form text of marketing source.

## Remarks:

Please note that this class inherits from [clsResQueryInfo](#) and contains all of its properties as well.

If [getReservationContractInfo](#) returns blnCCEnabled = true, then all of the credit card fields are required.

if blnCCEnabled = false, you may still pass credit card details.

Either Credit Card or Check should be used not both.For Check billing address use the billing address fields used for Credit Card (strCCAddress1,strCCAddress2....etc)

If [getReservationContractInfo](#) returns blnCheckPaymentEnabled = true, then only electronic check payments are allowed.

If [getStartupInfo](#) returns blnRequiredMarketingInfoInBooking = true, then strMarketingCategory and strMarketingSource are required.

**clsCheckDetails**

Describes the check payment details

Name	Type	Description
<b>strAccountNumber</b>	<i>String</i>	Required.Account Number
<b>strAccountName</b>	<i>String</i>	Required.Name of the account
<b>strRoutingNumber</b>	<i>String</i>	Required.Bank routing number .

## Remarks:

These new fields are for future development to accept electronic checks payments. A notice will be emailed when these fields available for use.

**clsResQueryInfo**

## Superclass of clsBookingInfo

This class is used as input to [getReservationQuery](#) and various booking functions.

Name	Type	Description
<b>strUserId</b>	<i>String</i>	Required. User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	Required. Password associated with strUserID
<b>strCOID</b>	<i>String</i>	Required. Unique identifier for the management company
<b>strCheckIn</b>	<i>String</i>	Required. Desired check in date. ('MM/DD/YYYY')
<b>intNights</b>	<i>Int</i>	Required. Desired number of nights
<b>strProperty</b>	<i>String</i>	Required. Property ID the guest reserving
<b>strFName</b>	<i>String</i>	Required, optional on <a href="#">getReservationQuery</a> . Guest first name.Max length: 30
<b>strLName</b>	<i>String</i>	Required, optional on <a href="#">getReservationQuery</a> . Guest last name.Max length: 30
<b>strAddress1</b>	<i>String</i>	Required, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Guest address line 1.Max length: 30
<b>strAddress2</b>	<i>String</i>	Optional. Guest address line 2:Max length: 30
<b>strCity</b>	<i>String</i>	Optional. Guest city.Max length: 30
<b>strState</b>	<i>String</i>	Required unless strProvince is set, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Guest State code for the country USA, 2 character
<b>strZIP</b>	<i>String</i>	Required, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Guest Zipcode.Max length: 30
<b>strProvince</b>	<i>String</i>	Required unless strState is set, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Guest Province code if outside USA
<b>strCountry</b>	<i>String</i>	Required, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Guest Country Code, 2 character code, unverified
<b>strHPhone</b>	<i>String</i>	Required, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Guest home phone number. Preferred Phone format would be +CountryCode AreaCode PhoneNumber.Ex:+41 22 7321234
<b>strWPhone</b>	<i>String</i>	Optional. Guest work phone number.Preferred Phone format would be +CountryCode AreaCode PhoneNumber.Ex:+41 22 7321234
<b>strEmail</b>	<i>String</i>	Required, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Guest email address
<b>intAdults</b>	<i>Int</i>	Required, must be greater than zero, optional on <a href="#">getOwnerBooking</a> and <a href="#">getReservationQuery</a> . Number of adults that will be staying at the property (may affect pricing)
<b>intChildren</b>	<i>Int</i>	Optional. Number of children that will be staying at the property (may affect pricing)
<b>strHowHeard</b>	<i>String</i>	Optional. Marketing source.[deprecated]
<b>blnSendMail</b>	<i>String</i>	[deprecated]
<b>strResType</b>	<i>String</i>	Optional and only applicable to <a href="#">getOwnerBooking</a> . The type of the booking, possible values: 'O' - Owner booking, 'G' - Guest of owner. Defaults to Owner Booking.
<b>strPromotionCode</b>	<i>String</i>	Optional. Promotion/Coupon Code provided by the management company

<b>strTourOperator</b>	<i>String</i>	Optional. Tour operator Code provided by the management company
------------------------	---------------	---

### clsCSAInfo

CSA policy details

Name	Type	Description
<b>blnIsAccepted</b>	<i>Boolean</i>	Indication of whether or not CSA travel insurance was accepted
<b>strPolicyNo</b>	<i>String</i>	Policy number given to the CSA purchase. maxlength: 50
<b>dblPolicyAmt</b>	<i>Double</i>	Cost of the policy

### clsResQuery

Response from [getReservationQuery](#) and [getReservationQueryNoObj](#)

Name	Type	Description
<b>dblTotalGoods</b>	<i>Double</i>	Total cost of the reservation, including all fees, excluding taxes and any CSA insurance.
<b>dblTotalTax</b>	<i>Double</i>	Total tax charged to this reservation
<b>dblTotalCost</b>	<i>Double</i>	dblTotalGoods + dblTotalTax = Total cost of the reservation, excluding CSA insurance
<b>blnHasCSA</b>	<i>Boolean</i>	Indicates whether the management company offers CSA insurance
<b>dblCSAAmount</b>	<i>Double</i>	Cost of a CSA insurance policy that would cover this trip
<b>dblDues</b>	<i>Double</i>	Amount due now (may be a deposit, may be the entire value)
<b>arrCharges</b>	<i>Array of clsCharge</i>	Itemized list of charges that comprise the cost of the reservation
<b>arrPayments</b>	<i>Array of clsPayment</i>	Payment schedule

### clsCharge

Line item in the itemized list of charges for a quote

Name	Type	Description
<b>strDesc</b>	<i>String</i>	Description of the charge. maxlength: unlimited.
<b>dblAmount</b>	<i>Double</i>	Amount of the charge
<b>dblTax</b>	<i>Double</i>	Tax applied to this charge
<b>enumType</b>	<i>enumChargeType</i>	Charge Type. Valid enumChargeType values are SecurityDeposit, Rent, Other.

**clsPayment**

Describes a payment

Name	Type	Description
<b>dtDuedate</b>	<i>DateTime</i>	Date which this payment is due
<b>dblAmount</b>	<i>Double</i>	Amount due in this payment

**clsResBook**

Returned from the booking methods

Name	Type	Description
<b>strBookingNo</b>	<i>String</i>	Reservation number. maxlength:20
<b>strCustId</b>	<i>String</i>	[deprecated]
<b>objCSAInfo</b>	<i>clsCSAInfo</i>	If CSA was accepted, these are the details

Remarks:

*Note that this class inherits from [clsResQuery](#)*

**clsPartnerAuthentication**

SOAP Header Authentication class.Partner needs to send its credentials in SOAP Header.

Name	Type	Description
<b>strUserID</b>	<i>String</i>	Required. User ID assigned by InstantSoftware (aka RescoID).
<b>strPassword</b>	<i>String</i>	Required. Password associated with strUserID

**clsMarketingCategory**

Describes marketing category and its sources

Name	Type	Description
<b>strMarketingCategory</b>	<i>String</i>	Name of the marketing category
<b>dtEffectiveFrom</b>	<i>DateTime</i>	Effective from date of a category.
<b>dtEffectiveThrough</b>	<i>DateTime</i>	Effective through date of a category.
<b>arrMarketingSource</b>	<i>Array of clsMarketingSource</i>	Array of <a href="#">clsMarketingSource</a> objects of a marketing category.

Remarks:

Here marketing source is something like sub category.  
 Example for marketing category can be "news paper" and its sources may be like  
 "DenverPost", "NY Times" etc.

### clsMarketingSource

Describes marketing source.

Name	Type	Description
<b>strMarketingSource</b>	<i>String</i>	Name of the marketing source
<b>dtEffectiveFrom</b>	<i>DateTime</i>	Effective from date of a source.
<b>dtEffectiveThrough</b>	<i>DateTime</i>	Effective through date of a source.

### clsPerson

Describes the person details of name, address and contact information

Name	Type	Description
<b>strFirstName</b>	<i>String</i>	Required. First Name. maxlength: 30
<b>strMiddleInitial</b>	<i>String</i>	Optional. Middle initial. maxlength: 2
<b>strLastname</b>	<i>String</i>	Required. Last Name. maxlength: 30
<b>strEmail</b>	<i>String</i>	Required. Email address. maxlength: 100
<b>objAddress</b>	<i>clsAddress</i>	Required. Person address and contact information. See <a href="#">clsAddress</a> .

Remarks:

strFirstName, strLastName are optional in [createOwnerBooking](#) for Owner reservation and required for Guest of Owner reservation. objAddress is optional in [createOwnerBooking](#).

### clsAddress

Name	Type	Description
<b>strAddress1</b>	<i>String</i>	Required. Address line 1. maxlength: 30
<b>strAddress2</b>	<i>String</i>	Optional. Address line 2. maxlength: 60
<b>strCity</b>	<i>String</i>	Required. City. maxlength: 30
<b>strState</b>	<i>String</i>	Required unless strProvince is set. Person State code for the country USA, 2 character
<b>strProvince</b>	<i>String</i>	Required unless strState is set. Guest Province code if outside USA
<b>strZip</b>	<i>String</i>	Required. Zip. maxlength: 10
<b>strCountry</b>	<i>String</i>	Required. Person Country Code, 2 character code, unverified
<b>strHomePhone</b>	<i>String</i>	Required. Person Home phone number. maxlength: 20. Preferred Phone format would be +CountryCode AreaCode PhoneNumber.Ex: +41 22 7321234

<b>strWorkPhone</b>	<i>String</i>	Optional. Person Work phone number. maxlength: 20. Preferred Phone format would be +CountryCode AreaCode PhoneNumber.Ex:+41 22 7321234
---------------------	---------------	--

### clsCreditCard

This class is used only as input to various booking functionsDescribes the person details of name,address and contact information.This class is used only as input to various booking functions

Name	Type	Description
<b>strCCNumber</b>	<i>String</i>	Required unless strToken is set. CreditCard Number
<b>strToken</b>	<i>String</i>	This is HomeAway token for the credit card number. Either strCCNumber or strToken is Required. This can be used when blnSupportsCreditCardTokens returned from <a href="#">getStartupInfo</a> is true and partner has ClientId and API Key from HomeAway. ClientId and API Key can be seen in ISILink partner administration under HAT credentials link.
<b>strName</b>	<i>String</i>	Required.Person name on the CreditCard. Max length:50
<b>strCCType</b>	<i>String</i>	Required. Type of credit card, possible values: 'VISA' (Visa), 'MC' (Mastercard), 'DISC' (Discover), 'AMEX' (American Express)
<b>intExpMonth</b>	<i>Int</i>	Required. Credit card expiration month.
<b>intExpYear</b>	<i>Int</i>	Required. Credit card four digit expiration year.
<b>strEmail</b>	<i>String</i>	Required. Email address. maxlength: 100
<b>objBillingAddress</b>	<i>clsAddress</i>	Required. Credit Card holder billing address and contact information. See <a href="#">clsAddress</a> .

### clsQuoteRequest

Superclass of clsBookingRequest and clsBookingRequest inherits all the properties of clsQuoteRequest.

Name	Type	Description
<b>strCOID</b>	<i>String</i>	Required. Unique identifier for the management company
<b>dtCheckIn</b>	<i>DateTime</i>	Required. Desired check in date. Preferred Format is 'YYYY-MM-DD' as per the SOAP spec for the DateTime type.
<b>intNights</b>	<i>Int</i>	Required. Desired number of nights
<b>strProperty</b>	<i>String</i>	Required. Property ID the guest reserving
<b>intAdults</b>	<i>Int</i>	Required, must be greater than zero, optional in <a href="#">createOwnerBooking</a> . Number of adults that will be staying at the property (may affect pricing)
<b>intChildren</b>	<i>Int</i>	Optional. Number of children that will be staying at the property (may affect pricing)
<b>strResType</b>	<i>String</i>	Optional and only applicable to <a href="#">createOwnerBooking</a> . The type of the booking, possible values: 'O' - Owner booking, 'G' - Guest of owner. Defaults to Owner Booking.
<b>strPromotionCode</b>	<i>String</i>	



		Optional. Promotion/Coupon Code provided by the management company
<b>strTourOperator</b>	<i>String</i>	Optional. Tour operator Code provided by the management company
<b>objGuestDetails</b>	<i>clsPerson</i>	Required. Guest Details. See <a href="#">clsPerson</a>

## clsBookingRequest

This class is used only as input to various booking functions and inherits all properties from [clsQuoteRequest](#)

Name	Type	Description
<b>blnAcceptCSA</b>	<i>Boolean</i>	If blnISILinkCSAOffered returned from <a href="#">getStartupInfo</a> is true, then a true value here indicates that the user has accepted CSA trip insurance coverage offered by ISILink. If blnEndSystemCSAOptOutOption returned from <a href="#">getStartupInfo</a> is true, then a true value here indicates that the user has accepted PMC's trip insurance coverage. If both blnISILinkCSAOffered and blnEndSystemCSAOptOutOption are false, then this value is ignored.
<b>dblCCAmount</b>	<i>Double</i>	Required. This value must be set to the dblDues value of the <a href="#">clsResQuery</a> object returned from a prior <a href="#">getReservationQuery</a> call
<b>dblForcedRent</b>	<i>Double</i>	If passed to <a href="#">createBookingWithRentOverride</a> , this will override the base rent value of the reservation. This field is ignored in the other methods.
<b>blnCleaning</b>	<i>Boolean</i>	Optional and only applicable to <a href="#">createOwnerBooking</a> .
<b>strOwnerCode</b>	<i>String</i>	Required and only applicable to <a href="#">createOwnerBooking</a> . strOwnerCode is returned in <a href="#">getOwnerStartupInfo</a> as strOwner.
<b>strComments</b>	<i>String</i>	Optional. Max length is 500. Comments that channel partner wants to send to PMC.
<b>objCheckDetails</b>	<i>clsECheckAccount</i>	These new fields are for future development to accept electronic checks payments. A notice will be emailed when these fields available for use.  Optional. Check details in order to process electronic check payment on booking. See <a href="#">clsECheckAccount</a> .
<b>strMarketID</b>	<i>String</i>	Optional. Reservation source marketing ID.
<b>strMarketingCategory</b>	<i>String</i>	Marketing Category. Possible marketing categories are returned in <a href="#">getMarketingCategories</a> . Max length: 50.  If there are no categories returned in <a href="#">getMarketingCategories</a> , still partner can provide free form text of marketing category.
<b>strMarketingSource</b>	<i>String</i>	Marketing Source. Possible marketing categories and its sources are returned in <a href="#">getMarketingCategories</a> . Max length: 50.

		If there are no categories and sources returned in <a href="#">getMarketingCategories</a> , still partner can provide free form text of marketing source.
<b>objCreditCardDetails</b>	<i>clsCreditCard</i>	Guest Credit Card information. See <a href="#">clsCreditCard</a> .

## Remarks:

Please note that this class inherits from [clsQuoteRequest](#) and contains all of its properties as well.

If [getReservationContractInfo](#) returns blnCCEnabled = true, then objCreditCardDetails is required.

if blnCCEnabled = false, you may still pass credit card details.

Either Credit Card or Check should be used not both.

If [getReservationContractInfo](#) returns blnCheckPaymentEnabled = true, then only electronic check payments are allowed and objCheckDetails is required.

If [getStartupInfo](#) returns blnRequiredMarketingInfoInBooking = true, then strMarketingCategory and strMarketingSource are required.

**clsECheckAccount**

Describes the check payment details

Name	Type	Description
<b>strAccountNumber</b>	<i>String</i>	Required.Account Number
<b>strAccountName</b>	<i>String</i>	Required.Name of the account. Max length:30
<b>strRoutingNumber</b>	<i>String</i>	Required.Bank routing number.
<b>strAccountHolderName</b>	<i>String</i>	Required.Person name on account.
<b>strEmail</b>	<i>String</i>	Required.Email address. maxlength: 100
<b>objBillingAddress</b>	<i>clsAddress</i>	Required. Account holder billing address and contact information. See <a href="#">clsAddress</a> .

## Remarks:

These new fields are for future development to accept electronic checks payments. A notice will be emailed when these fields available for use.

**clsCSAConfig**

Describes the CSA travel insurance configuration that is configured in ISILink customer admin by Management Company(PMC).

Name	Type	Description
<b>blnISILinkCSARequired</b>	<i>Boolean</i>	

		True indicates that ISILink offered CSA travel insurance is mandatory for all guest reservations. Please see the remarks regarding mandatory notification.
<b>blnISILinkCSAOffered</b>	<i>Boolean</i>	True indicates that ISILink offers CSA travel insurance. False Indicates that ISILink doesn't offer CSA travel insurance, however PMC may provide the travel insurance and will be listed in reservation charges. Please see the remarks regarding mandatory notification.
<b>blnEndSystemCSAOptOutOption</b>	<i>Boolean</i>	True indicates that PMC wants to provide an option to the guest to accept/decline the CSA travel insurance, if it is offered by the PMC. If blnISILinkCSAOffered is true, then this is not applicable and always false.
<b>strISILinkCSAProduct</b>	<i>String</i>	CSA product that will be used in ISILink CSA travel insurance bookings.

Remarks:

**There are a variety of legal requirements across states that makes offering travel insurance a means of reducing management company liability.**

If blnISILinkCSAOffered is true, you as the front line of interaction must offer this insurance on their behalf.

Suggested language:

Unless declined, *\$clsResQuery.dblCSAMount* will be charged to your account by CSA Travel Protection within 24 hours. To learn more about CSA Travel Protection, please see their website at <http://www.csatravelprotection.com/>

### clsBookingPolicy

Describes management company defined booking policies such as rental agreements, reservation contracts and cancellation policy

Name	Type	Description
<b>strRentalAgreement</b>	<i>String</i>	Rental agreement that must be accepted by the guest to book with this management company. maxlength: unlimited
<b>strCancellationPolicy</b>	<i>String</i>	Booking cancellation policy that is set up by management company. maxlength: unlimited
<b>strReservationContract</b>	<i>String</i>	Reservation contract information that is set up by the management company. maxlength: unlimited

©2000-2013 [HomeAway Software, Inc.](#) All Rights Reserved.  
Company Confidential – Restricted Distribution