Airship SOAP V3 API

Documentation

Rev 3.0.0

This version of Airship's SOAP API replaced version 2.0 on 1st May 2018

to allow roll out of new tools to support the GDPR.

Last Updated: 03/05/2018

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Migrating from V2 to V3

Airship SOAP V3 introduces the Consent API and updates the Contact API to allow affirmation of consent to be provided to Airship, in accordance with GDPR.

New API Methods

These API methods are new to V3.

2. Contact API

[2.27 getContactConsent](#)

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20. Consent API

[20.1 getConsentTypes](#)

Updated API Methods

2.0 Contact API

Both createContact and updateContact have been updated to capture affirmation of consent. Any existing integrations using these API methods will need to be updated as consent is mandatory.

[2.1 createContact](#)

[2.2 updateContact](#)

5. Broadcast API

We have updated the description of these API methods to include a notice regarding the usage of these methods. These methods function the same as the V2 version of these methods.

5.2 sendNewEflyer

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5.7 sendNewEflyerBroadcast

Deprecated API Methods

We have deprecated these API methods in V3. Any integrations using these API methods will cease to work if you use V3.

5. Broadcast API

5.1 resendEflyer

Please refer to other methods available in the Broadcast API.

2. Contact API

2.7 unsubscribeContact

Please see 2.28 UpdateContactConsent for the V3 replacement of this function.

1. Admin API

Admin API allows access to multiple SOAP login details. This is useful where an external source, such as the Project Manager, needs to make SOAP calls on data across multiple client accounts.

File: https://secure.airship.co.uk/SOAP/V3/Admin.wsdl **Namespace:** AdminSOAP

1.1 Method: getSoapLogin

Your private "key" is matched against the requesting IP address, only nominated IPs have access to this function. The "key" is also matched against the "accountID" passed over in the request; access can be limited to specific accountID's.

1.1.1 Example: getSoapLogin

Function: `getSoapLogin(key As String, accountID As Integer) As AdminSOAP.loginDetails`

.NET

```
    Dim myAdmin As New AdminSOAP.Admin
    Dim myDetails As New AdminSOAP.loginDetails
    myDetails = myAdmin.getSoapLogin("your private key", 3)
    MsgBox("user: " & myDetails.username & " pass:" & myDetails.password)
```

.PHP

```
    ini_set("soap.wsdl_cache_enabled", "0");
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Admin.wsdl";
    $client = new SoapClient($wsdl);
    $myDetails = $client->getSOAPLogin("your private key", 3);

    if($myDetails instanceof SoapFault) {
        die("SoapFault: ".$myDetails->getMessage());
    } else {
        echo "user: ".$myDetails->username." pass: ".$myDetails->password;
    }
```

RETURNS

```
object->username As String
object->password As String
```

1.2 Method: getSystemAuth

Authenticate a Airship System username and password and return the Airship System user data.

1.2.1 Example: getSystemAuth

Function: getSystemAuth (username As String, password As String, pt_username As String, pt_password As String) As AdminSOAP.authDetails

.NET

```
Try
  Dim myService As New AdminSOAP.Admin
  Dim myUser As New AdminSOAP.authDetails
  myUser = myService.getSystemAuth("username","password", "pt_user", "pt_pass")
  If String.IsNullOrEmpty(myUser.username) Then
      MsgBox("Failed to find a result.")
  Else
      MsgBox("Success, Airship userID: " & myUser.userid)
  End If
Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
ini_set("soap.wsdl_cache_enabled", "0");
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Admin.wsdl";
$client = new SoapClient($wsdl);
$myDetails = $client->getSystemAuth("username","password", "pt_user","pt_pass");
if($myDetails instanceof SoapFault) {
    die("SoapFault: ".$myDetails->getMessage());
} else {
    echo "user: ".$myDetails->username." pass: ".$myDetails->password;
}
```

RETURNS

```
object->userid As Integer
object->roleid As Integer
object->unitid As Integer
object->username As String
object->password As String
object->firstname As String
object->lastname As String
object->mobilenumber As String
object->email As String
object->telephone As String
```

```
object->createdtimestamp As Integer
object->candelete As String (Y/N)
object->ptadminuser As String (Y/N)
```

1.3 Method: getInvoiceDetails

Returns a given Airship invoiceID data set.

1.3.1 Example: getInvoiceDetails

Function: `getInvoiceDetails(key As String, invoiceID As Integer) As AdminSOAP.invoiceDetails`

.NET

```
    Dim myAdmin As New AdminSOAP.Admin
    Dim myDetails As New AdminSOAP.invoiceDetails
    myDetails = myAdmin.getInvoiceDetails("key", 1234)
    MsgBox("purchase ref: " & myDetails. purchaseref)
```

.PHP

```
    ini_set("soap.wsdl_cache_enabled", "0");
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Admin.wsdl";
    $client = new SoapClient($wsdl);
    $myDetails = $client->getInvoiceDetails("key", 1234);

    if($myDetails instanceof SoapFault) {
        die("SoapFault: ".$myDetails->getMessage());
    } else {
        echo "purchase ref: ".$myDetails->purchaseref;
    }
```

RETURNS

```
object->invoiceid As Integer
object->ptorderid As Integer
object->unitid As Integer
object->accountid As Integer
object->createdtime As Integer
object->purchaseref As String
object->paid As String
object->createdby As Integer
object->issent As String
object->senttosage As String
object->vat As Decimal
```

```
object->lines As Array of Object (o->invoicelineid As Integer, o->invoiceid As
Integer, o->itemid As Integer, o->description As String, o->qty As Integer,
o->quantityunitid As Integer, o->costperunit As Decimal, o->totalcost As Decimal,
o->financialtransactionid As Integer, o->createdtime As Integer)
```

1.4 Method: getSystemUsers

Returns all Airship system users for logged in account.

1.4.1 Example: getSystemUsers

Function: `getSystemUsers (username As String, password As String) As AdminSOAP.authDetails()`

.NET

```
    Dim myService As New AdminSOAP.Admin
    Dim myUsers() As AdminSOAP.authDetails
    myUsers = myService.getSystemUsers("username", "password")
    If myUsers.Length >= 1 Then
        MsgBox("Found results.")
    Else
        MsgBox("No Results")
    End If
```

.PHP

```
    ini_set("soap.wsdl_cache_enabled", "0");
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Admin.wsdl";
    $client = new SoapClient($wsdl);
    $myUsers = $client->getSystemUsers("username", "password");
    echo print_r($myUsers,1);
```

RETURNS

```
Array of Object (
  object->userid As Integer
  object->roleid As Integer
  object->unitid As Integer
  object->username As String
  object->password As String
  object->firstname As String
  object->lastname As String
  object->mobilenumber As String
  object->email As String
  object->telephone As String
  object->createdtimestamp As Integer
  object->candelete As String (Y/N)
  object->ptadminuser As String (Y/N)
)
```

2. Contact API

The Contact API provides methods for accessing contact data in both read and write. There are also methods for searching contact records using different criteria.

File: https://secure.airship.co.uk/SOAP/V3/Contact.wsdl **Namespace:** ContactSOAP

2.1 Method: createContact

This function can be used to create new contacts, if a contact exists with a matching email address, mobile number or combination of address fields and dob field the contact data will be merged in to the existing contact record. You should use the updateContact method if you have a contactID available and wish to update a specific contact record.

2.1.1 Example: createContact

Function: `createContact (username As String, password As String, contactData As ContactSOAP.contactObject, groups() As Integer, udfs() As ContactSOAP.UDF, consents() as ContactSOAP.Consent) As Integer`

.NET

```
        Dim contactObj As New ContactSOAP.contactObject
        contactObj.sourceid = "7910"
        contactObj.firstname = "Joe"
        contactObj.lastname = "Blogs"
        contactObj.email = "me@example.com"
        contactObj.mobilenumber = "447911111111"
        contactObj.homenumber = "01112345678"
        contactObj.allowsms = "Y"
        contactObj.allowemail = "Y"
        contactObj.allowcall = "Y"

        Dim groups(0) As Integer
        groups(0) = "22299"

        Dim udf As New ContactSOAP.UDF
        udf.udfnameid = "985"
        udf.type = "Text"
        udf.data = "some value"
        Dim udfArray(0) As ContactSOAP.UDF
        udfArray(0) = udf
        Dim consent As New ContactSOAP.Consent
        consent.consenttypeid = "1"
        consent.consentstatus = "Y"
        Dim consentArray(1) A ContactSOAP.Consent
        consentArray(0) = consent
        consent.consenttypeid = "2"
        consent.consentstatus = "Y"
        consentArray(1) = consent

        Dim myContact As New ContactSOAP.ContactManager
        Dim contactID As Integer
        contactID = myContact.createContact("username", "password", contactObj,
                                            groups, udfArray, consentArray)
        MsgBox("contactID: " &contactID)
```

PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);

$contact = array(
            "uid" => "11d12",
            "title" => "Mr",
            "gender" => "M",
            "firstname" => "Joe",
            "lastname" => "Blogs",
            "buildingname" => "build name",
            "buildingnumstreet" => "num street",
            "locality" => "locality",
            "city" => "city",
            "postcode" => "s11 7eb",
            "county" => "county",
            "country" => "UK",
            "membershipnumber" => "123456",
            "membershiptype" => "some type",
            "mobilenumber" => "077111111",
            "homenumber" => "01112345678",
            "email" => "me@example.com",
            "dob" => "1973-02-16",
            "sourceid" => "116",
            "allowsms" => "Y",
            "allowcall" => "N",
            "allowemail" => "Y",
            "allowsnailmail" => "N");

$groups = array();
$groups = array(275,827);
```

```
$UDFs = array();
$UDFs[] = array("udfnameid"=>79, "data"=>"Test Co", "type"=>"Text");
$UDFs[] = array("udfnameid"=>779, "data" =>"unique123", "type"=>"Text");

$consents = array();
$consents[] = array("consenttypeid"=>1,"consentstatus"=>"Y");
$consents[] = array("consenttypeid"=>2,"consentstatus"=>"Y");

$contactID = $client->createContact("username","password", $contact, $groups,
                                    $UDFs,$consents);
echo "contactID: ".$contactID;
```

RETURNS

contactID As Integer

2.1.2 Parameters: createContact

Field name	Max length	Type	Mandatory
title	-	Mr,Mrs,Ms,Dr,Miss,Prof	N
firstname	30	Alphanumeric	N
lastname	20	Alphanumeric	N
gender	1	M,F	N
dob	10	yyyy-mm-dd	N
email	50	Alphanumeric	N
mobilenumber	15	Numeric	N
homenumber	16	Numeric	N
preferredmethodid	3	Numeric	N
worknumber	16	Numeric	N
sourceid	-	Numeric	**Y**
buildingname	30	Alphanumeric	N
buildingnumstreet	30	Alphanumeric	N
locality	30	Alphanumeric	N
city	20	Alphanumeric	N
county	30	Alphanumeric	N
postcode	10	Alphanumeric	N
membershiptype	255	Alphanumeric	N
membershipnumber	255	Alphanumeric	N
allowsms	1	Y,N	N
allowcall	1	Y,N	N
allowemail	1	Y,N	N
allowsnailmail	1	Y,N	N
groupids	-	Array of Numeric	**Y**
udfs	-	Array of UDF	N
consents	-	Array of Consent	**Y**

***** Note that sourceid, groupids and consents are mandatory fields.***

Each method your customer can use to interact with Airship has its own unique sourceid. This is known as a “Contact Interaction”. This is useful for identifying interaction points if your data collection form is being used by more than one unit.

You can request your current sourceID’s or set up a new one by emailing support@Airship.co.uk.

Array of UDFs

Field name	Max length	Type	Mandatory
udfnameid	-	Numeric	N
Data	255	Alphanumeric	N
Type	-	Text, Date	N

UDF name ID’s can be viewed via the Airship console using the “UDF Manager” interface or listed by the SOAP API unitList() method.

Non mandatory special fields

The following “allow” fields must be set to one of “Y”, “N” or “”

```
allowsms          -   If set to Y the customer will receive SMS marketing.
allowemail        -   If set to Y the customer will receive Email marketing.
allowsnailmail    -   If set to Y the customer will receive Postal marketing.
allowcall         -   If set to Y the customer will receive Tele marketing.
```

If an “allow” field is set to “” (blank):-

If the contact already exists in the database then the stored contact allow field will not be overwritten. If there isn’t a stored contact then it will be created with N in the allow field.

Preferred Contact Method ID

This id should be retrieved by using the getPreferredMethods SOAP API call. Values not included in the getPreferredMethods results will be rejected. This column can be omitted if not used.

2.2 Method: updateContact

This function can be used to update an existing contact record; you must however provide the unique Airship contactid in the call.

2.2.1 Example: updateContact

Function: updateContact (username As String, password As String, contactData As ContactSOAP.contactObject, groups() As Integer, udfs() As ContactSOAP.UDF, consents() as ContactSOAP.Consent) As Integer

.NET

```
    try
        Dim myService As New ContactSOAP.ContactManager
        Dim myContact As New ContactSOAP.contactObject

        ' change email address of given contactID
        myContact.contactid = "3794669"
        myContact.contactidSpecified = True
        myContact.email = "me@example.com"
        myContact.sourceid = "116"

        ' assign contact to this group, if not already a member
        Dim myGroups(0) As Integer
        myGroups(0) = "277"

        ' update or set udf value
        Dim udf As New ContactSOAP.UDF
        udf.udfnameid = "779"
        udf.type = "Text"
        udf.data = "unique3456"

        'add the UDF Object to an array of type UDF.
        Dim myUDFs(0) As ContactSOAP.UDF
        myUDFs(0) = udf

        Dim consentArray(1) A ContactSOAP.Consent
        Dim consent As New ContactSOAP.Consent
        consent.consenttypeid = "1"
        consent.consentstatus = "Y"
        consentArray(0) = consent
        consent.consenttypeid = "2"
        consent.consentstatus = "Y"
        consentArray(1) = consent
       Dim myResponse As Integer
```

```
        myResponse = myService.updateContact("username", "password",
                    myContact, myGroups, myUDFs, consentArray)
        'check the response for success
        If myResponse.Equals(100) Then
            MsgBox("success: " & myResponse)
        Else
            MsgBox("success: " & myResponse)
        End If

    Catch ex As Exception
        MsgBox("updateContact () Exception: " + ex.Message)
    End Try
```

.PHP

```
        $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
        $client = new SoapClient($wsdl);

        $contact = array( "contactid" => 3794669,
                          "email" => "me@example.com",
                          "sourceid" => "116"
        );

        $groups = array();
        $groups = array(277);

        $UDFs = array();
        $UDFs[] = array("udfnameid" => 779,
                        "data" => "unique567",
                        "type" => "Text");

        $consents = array();
        $consents[] = array("consenttypeid"=>1,"consentstatus"=>"Y");
        $consents[] = array("consenttypeid"=>2,"consentstatus"=>"Y");
        $response = $client->updateContact("username","password",
                                             $contact,$groups,$UDFs,$consents);
        if($response == "100") {
            echo "Success";
        } else {
            echo "Failed: ".$response;
        }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

2.2.2 Parameters: updateContact

The parameters are the same as createContact with the exception of the mandatory contactid expected in the contact array.

```
e.g.
$contact = array(
            "contactid" => 1234567
)
```

see createContact 2.1.2 for other available parameters.

2.3 Method: getContact

This function can be used to obtain an existing contact record, you must however provide the unique Airship contactID in the call.

2.3.1 Example: getContact

Function: getContact (username As String, password As String, contactID As String) As ContactSOAP.contactStruct

.NET

```
        Try

            Dim myService As New ContactSOAP.ContactManager
            Dim myContact As New ContactSOAP.contactStruct

            myContact = myService.getContact("username", "password", 3794669)

            If myContact.contactData Is Nothing Then
                MsgBox("getContact Failed to fetch ContactID 3794669")
            Else
                MsgBox("getContact Success, element email: " &
                        myContact.contactData.email)
            End If

        Catch ex As Exception

            MsgBox("getContactExample() Exception: " + ex.Message)

        End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);

$contactID = 3794669;
$myContact = $client->getContact("username","password", $contactID);

if(!isset($myContact->contactData->contactid)) {
    echo "Failed: ".$myContact;
} else {
    echo "Success, element email: ".$myContact->contactData->email;
}
```

RETURNS

```
object->contactid As Integer
object->uid As String
object->title As String
object->firstname As String
object->lastname As String
object->gender As String
object->dob As String
object->mobilenumber As String
object->homenumber As String
object->preferredmethodid As Integer
object->worknumber As String
object->email As String
object->buildingname As String
object->buildingnumstreet As String
object->city As String
object->locality As String
object->county As String
object->postcode As String
object->country As String
object->membershiptype As String
object->membershipnumber As String
object->allowsms As String
object->allowemail As String
object->allowsnailmail As String
object->allowcall As String
object->sourceid As String
object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
object->groups As Array of Integers
```

2.4 Method: getContactEmail

This function can be used to find a contact record based on a fully qualified email address, wild card searches are not supported.

2.4.1 Example: getContactEmail

Function: `getContactEmail (username As String, password As String, email As String) As ContactSOAP.contactStruct`

.NET

```
        Try
            Dim myService As New ContactSOAP.ContactManager
            Dim myContact As New ContactSOAP.contactStruct

            myContact = myService.getContactEmail("username", "password",
                                                  "me@example.com")

            If myContact.contactData Is Nothing Then
                MsgBox("getContactEmail Failed to find contact via email")
            Else
                MsgBox("getContactEmail Success, element contactID: " &
                                   myContact.contactData.contactid)
            End If
        Catch ex As Exception
            MsgBox("getContactEmail() Exception: " + ex.Message)
        End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);

$myContact = $client->getContactEmail("username","password",
                                      "me@example.com");

if(!isset($myContact->contactData->contactid)) {
    echo "Failed: ".$myContact;
} else {
    echo "Success, contactID: ".$myContact->contactData->contactid;
}
```

RETURNS

`please refer to "getContact()" return specification.`

2.5 Method: lookupContactByLastname

This function can be used to find contact record(s) with a specific surname, within a specified unitid, the surname must be passed in full; wildcard searches are not supported. This function also returns deleted contacts which can be deciphered via the value of the “deleted = Y/N” return data.

2.5.1 Example: lookupContactByLastname

Function: `lookupContactByLastname(username As String, password As String, unitid As Integer, lastname As String) As ContactSOAP.contactObjectExt()`

.NET

```
Try
    Dim myService As New ContactSOAP.ContactManager
    Dim myContact(0) As ContactSOAP.contactObjectExt

    myContact = myService.lookupContactByLastname("username", "password",
                                                  67, "Wales")
    If myContact Is Nothing Then
        MsgBox("Failed to find contact via email")
    Else
        MsgBox("Success, first contactID found: " &
                myContact(0).contactid)
    End If

Catch ex As Exception
     MsgBox("lookupContactByLastname() Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);
$myContacts = $client->lookupContactByLastname("username", "password",
                                               67, "Wales");
if(is_array($myContacts) && !empty($myContacts)){
    $firstContact = $myContacts[0];
    echo "Success, first contactID found: ".$firstContact->contactid;
} elseif(!is_array($myContacts)) {
    echo "Failed: ".$myContact;
} else {
    echo "No Results.";
}
```

RETURNS

```
Array of Object (
    object->contactid As Integer
    object->uid As String
    object->title As String
    object->firstname As String
    object->lastname As String
    object->gender As String
    object->dob As String
    object->mobilenumber As String
    object->homenumber As String
    object->preferredmethodid As Integer
    object->worknumber As String
    object->email As String
    object->buildingname As String
    object->buildingnumstreet As String
    object->city As String
    object->locality As String
    object->county As String
    object->postcode As String
    object->country As String
    object->membershiptype As String
    object->membershipnumber As String
    object->allowsms As String
    object->allowemail As String
    object->allowsnailmail As String
    object->allowcall As String
    object->sourceid As String
    object->deleted As String
)
```

2.6 Method: lookupContactByUDF

This function can only be used on UDF fields which are configured to store unique values like a membership number, staff identifier or other user defined unique data sets.

2.6.1 Example: lookupContactByUDF

Function: `lookupContactByUDF (username As String, password As String, udfnameid As Integer, udfvalue As String) As Integer`

.NET

```
    Try
        Dim myService As New ContactSOAP.ContactManager
        Dim myContactID As Integer

        myContactID = myService.lookupContactByUDF("username","password", 779,
                                                   "unique567")
        If myContactID > 1 Then
            MsgBox("Success, found contactID: " &myContactID)
        Else
            MsgBox("Failed to find contact via UDF")
        End If
    Catch ex As Exception
        MsgBox("lookupContactByUDF() Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);

    $myContactID = $client->lookupContactByUDF("username", "password", 779,
                                               "unique567");

    if(is_numeric($myContactID) && $myContactID >= "1") {
        echo "Success, contactID: ".$myContactID;
    } else {
        echo "Failed: ".$myContactID;
    }
```

RETURNS

`ContactID As Integer`

2.8 Method: unsubscribeContactGroup

This function can be used to unsubscribe a contact from a specific groupID. Unsubscribing from a group will remove the contact from that group. You cannot unsubscribe a contact from all groups; they must remain in at least one group at all times.

2.8.1 Example: unsubscribeContactGroup

Function: `unsubscribeContactGroup(username As String, password As String, contactid As Integer, groupid As Integer) As String`

.NET

```
        Try
            Dim myService As New ContactSOAP.ContactManager
            Dim myResponse As Integer

            myResponse = myService.unsubscribeContactGroup("username",
                                                           "password",
                                                           3794669,
                                                           827)
            If myResponse.Equals(100) Then
                MsgBox("unsubscribeContactGroup Success")
            Else
                MsgBox("unsubscribeContactGroup Failed!")
            End If
        Catch ex As Exception
            MsgBox("unsubscribeContactGroup() Exception: " + ex.Message)
        End Try
```

.PHP

```
        $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
        $client = new SoapClient($wsdl);

        $myResponse = $client->unsubscribeContactGroup("username",
                                        "password", 3794669, 827);

        if(is_numeric($myResponse) && $myResponse == 100) {
            echo "unsubscribeContactGroup Success";
        } else {
            echo "Failed: ".print_r($myResponse,1);
        }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

2.9 Method: getUDFValue

This function can be used to load a specific contacts UDFID value for any given Airship contactID.

2.9.1 Example: getUDFValue

Function: `getUDFValue(username As String, password As String, contactid As Integer, udfnameid As Integer) As String`

.NET

```
Try
    Dim myService As New ContactSOAP.ContactManager
    Dim myResponse As String

    myResponse = myService.getUDFValue("username", "password",
                                       3794669, 779)

    If myResponse.Length() >= 1 Then
        MsgBox("getUDFValue Success: " + myResponse)
    Else
        MsgBox("getUDFValue Contact 3794669, UDFID 779, is blank")
    End If
Catch ex As Exception
    MsgBox("getUDFValue() Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);

$myResponse = $client->getUDFValue("username", "password",
                                   3794669, 779);

if($myResponse instanceof SoapFault) {
    echo "Exception: ".$myResponse->getMessage();
} elseif(strlen($myResponse) >= "1") {
    echo "Success, UDFValue: ".$myResponse;
} else {
    echo "Empty, UDFValue: ".$myResponse;
}
```

RETURNS

`UDFValue As String`

2.10 Method: setUDFValue

This function can be used to set a specific contact UDFID value for any given Airship contactID.

2.10.1 Example: setUDFValue

Function: `setUDFValue(username As String, password As String, contactid As Integer, udfnameid As Integer, value As String, sourceid As Integer) As Integer`

.NET

```
        Try
            Dim myService As New ContactSOAP.ContactManager
            Dim myResponse As Integer

            myResponse = myService.setUDFValue("username", "password",
                                              3794669, 779, "unique890", 116)

            If myResponse.Equals(100) Then
                MsgBox("setUDFValue Success: " + myResponse)
            Else
                MsgBox("setUDFValue failed: " + myResponse)
            End If
        Catch ex As Exception
            MsgBox("setUDFValue() Exception: " + ex.Message)
        End Try
```

.PHP

```
        $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
        $client = new SoapClient($wsdl);

        $myResponse = $client->setUDFValue("username", "password",
                                           3794669, 779, "unique890", 116);

        if($myResponse instanceof SoapFault) {
            echo "Exception: ".$myResponse->getMessage();
        } elseif($myResponse === "100") {
            echo "Success, setUDFValue: ".$myResponse;
        } else {
            echo "Failed to setUDFValue:  ".$myResponse;
        }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

2.11 Method: getInteractionsInMonitoredGroup

This function can be used to load all interactions that have occurred within a monitored groupID.

2.11.1 Example: getInteractionsInMonitoredGroup

Function: `getInteractionsInMonitoredGroup(username As String, password As String, groupID As Integer) As ContactSOAP.interaction()`

.NET

```
Try

    Dim myService As New ContactSOAP.ContactManager
    Dim myResponse(0) As ContactSOAP.interaction

    myResponse = myService.getInteractionsInMonitoredGroup(
                              "username", "password", 275)

    If myResponse Is Nothing Then
        MsgBox("returned nothing")
    Else
        MsgBox("Success: " + myResponse(0).contactid)
    End If

Catch ex As Exception

    MsgBox("getInteractionsInMonitoredGroup Exception: " + ex.Message)

End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);

$myResponse = $client->getInteractionsInMonitoredGroup(
                              "username", "password", 275);
if($myResponse instanceof SoapFault) {
    echo "Exception: ".$myResponse->getMessage();
} elseif(is_array($myResponse) && !empty($myResponse)) {
    foreach($myResponse as $record) {
        echo "<pre>".print_r($record,1)."</pre>\n";
    }
} else {
    echo "Empty Response!";
}
```

RETURNS

```
Array of Object ( object->recordid As String
object->accountid As Integer
object->sourcename As String
object->unitid As Integer
object->unitname As String
object->groupidAs Integer
object->groupname As String
object->contactidAs Integer
object->contactgender As String
object->contactfirstname As String
object->contactlastname As String
object->contactmobilenumber As String
object->contacthomenumber As String
object->contactpreferredmethodid As Integer
object->contactworknumber As String
object->contactemailaddress As String
object->contactdateofbirth As String
object->contactaddressline1 As String
object->contactaddressline2 As String
object->contactaddresslocality As String
object->contactaddresscity As String
object->contactaddresscounty As String
object->contactaddresspostcode As String
object->contactaddresscountry As String
object->contactcreatedtime As String
object->contactdeleted As String
object->contactuid As String
object->contactlastupdatetime As String
object->contactmembershipnumber As String
object->contactmembershiptype As String
object->contactoutwardcode As String
object->contactinwardcode As String
object->contactallowsms As String
object->contactallowemail As String
object->contactallowsnailmail As String
object->contactallowcall As String
object->contactdeadmobile As String
object->contactdeademail As String
object->contactactiveemail As String
object->contactdeadmobiletime As String
object->contactlastfailedsms As String
object->contactdeadmobilecount As String
object->contactunsubsmstime As String
object->contactunsubemailtime As String
object->contactfailedcount As String
object->contactemailhardbounce As String
object->contactemailsoftbounce As String
object->contactdeademailtime As String
object->smsdata As String
object->timestamp As String
object->contactudfs As Array of Objects (o->udfnameid, o->data, o->type))
```

2.12 Method: deleteInteractionsInMonitoredGroup

This function can be used to remove a record(s) from the monitored group interactions log.

2.12.1 Example: deleteInteractionsInMonitoredGroup

Function: `deleteInteractionsInMonitoredGroup(username As String, password As String, recordID() As Integer) As Integer`

.NET

```
Try
    Dim myService As New ContactSOAP.ContactManager
    Dim myResponse As Integer
    Dim myRecords(0) As Integer
    myRecords(0) = 12345

    myResponse = myService.deleteInteractionsInMonitoredGroup(
                           "username", "password", myRecords)

    If myResponse.Equals(100) Then
        MsgBox("deleteInteractionsInMonitoredGroup success")
    Else
        MsgBox("deleteInteractionsInMonitoredGroup failed: " &
               myResponse)
    End If
Catch ex As Exception
    MsgBox("deleteInteractionsInMonitoredGroup Exception: " +
           ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->deleteInteractionsInMonitoredGroup(
                  "username", "password", array("12345"));

if($myResponse instanceof SoapFault) {
    echo "Exception: ".$myResponse->getMessage();
} elseif($myResponse == "100") {
    echo "success"
} else {
    echo "failed: ".$myResponse;
}
```

RETURNS

`statusID As Integer   (statusID = 100 for success)`

2.13 Method: getUpdatedContacts

This function can be used to show contacts for an account that have been updated since a supplied date. If the date supplied is older than 30 days then the call returns an error.

2.13.1 Example: getUpdatedContacts

Function: `getUpdatedContacts(username As String, password As String, lastUpdatedTime As String) As ContactSOAP.contactUpdated()`

.NET

```
        Try
            Dim myService As New ContactSOAP.ContactManager
            Dim msg As String
            Dim myContacts() As SOAPContact.contactUpdated
            myContacts = myService. getUpdatedContacts("username", "password",
                                                  "2015-08-13 08:00:00")
            For Each myRT In myContacts
                 msg = msg & myRT.contactid & Chr(13)
                 msg = msg & myRT.email & Chr(13)
                 msg = msg & myRT.firstname & Chr(13)
                 msg = msg & myRT.lastname & Chr(13)
                 msg = msg & myRT.lastupdatetime & Chr(13)
            Next
            MsgBox(msg)
        Catch ex As Exception
            MsgBox("getUDFValue() Exception: " + ex.Message)
        End Try
```

.PHP

```
        $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
        $client = new SoapClient($wsdl);
        $myContacts = $client->getUpdatedContacts("username", "password",
                                             "2015-08-13 08:00:00");
        if($myResponse instanceof SoapFault) {
            echo "Exception: ".$myResponse->getMessage();
        } else {
            echo "Response: ". print_r($myContacts,true);
        }
```

RETURNS

```
Array of Object (
    object->contactid As Integer
    object->email As String
    object->firstname As String
    object->lastname As String
    object->lastupdatetime as string)
```

2.14 Method: setContactSocial

This function can be used to add and update social networking data against an existing contact record. The function can store facebookID, twitterID, LinkedinID, GoogleID, InstagramID and Profile Text. All ID's must be numeric and the Profile Text has a max length of 540 characters. If you wish to erase a formerly stored field, you must pass the value as a string containing the word 'NULL'.

2.14.1 Example: setContactSocial

Function: `setContactSocial(username As String, password As String, contactSocialData As ContactSOAP.contactSocialObject) As Integer`

.NET

```
        Try
            Dim myService As New ContactSOAP.ContactManager
            Dim socialObj As New ContactSOAP.contactSocialObject
            socialObj.contactid = 123456
            socialObj.facebookid = "9223372036854775801"
            socialObj.twitterid = "NULL"
            socialObj.profiletext = "A brief description from facebook"
            myResult = myService. setContactSocial("username", "password",
                                                   socialObj)
            MsgBox(myResult)
        Catch ex As Exception
            MsgBox("Exception: " + ex.Message)
        End Try
```

.PHP

```
        $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
        $client = new SoapClient($wsdl);
        $contactSocial = array("contactid"=>123456,
                               "facebookid"=>"9223372036854775801",
                               "twitterid"=>"NULL",
                               "prfiletext"=>"A brief description");
        $myResult = $client->setContactSocial("username", "password",
                                              $contactSocial);
        if($myResponse instanceof SoapFault) {
            echo "Exception: ".$myResponse->getMessage();
        } else {
            echo "Response: ". $myResult;
        }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

2.15 Method: getContactSocial

This function can be used to obtain the social data associated with a contact record.

2.15.1 Example: getContactSocial

Function: `getContactSocial(username As String, password As String, contactID As Interger) As ContactSOAP.contactSocialObject`

.NET

```
Try
    Dim myService As New ContactSOAP.ContactManager
    Dim socialObj As New ContactSOAP.contactSocialObject
    socialObj.profiletext = "A brief description from facebook"
    myResult = myService. getContactSocial("username","password",123456)
    MsgBox(myResult.contactid + " / " + myResult.facebookid)
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);
$myResult = $client->getContactSocial("username", "password", 123456);
if($myResponse instanceof SoapFault) {
    echo "Exception: ".$myResponse->getMessage();
} else {
    echo "Response: ". print_r($myResult,1);
}
```

RETURNS

```
Object (
    object->contactid As Integer
    object->facebookid As String
    object->twitterid As String
    object->linkedinid As String
    object->googleid as string
    object->instagramid as string
    object->profiletext as string
)
```

2.16 Method: addContactNote

This function can be used to add a note to a contacts record. Each note can be upto 20,000 characters in length. The byuserid field can be passed over as 0 and no value will be stored, alternatively an integer ID from any other system could be used to map staff/admin users to contact comments.

2.16.1 Example: addContactNote

Function: `addContactNote(username As String, password As String, contactid As Integer, note As String, created As String, byuserid As Integer) As Integer`

.NET

```
Try
    Dim myService As New ContactSOAP.ContactManager
    Dim myResponse As Integer
    Dim Note As New ContactSOAP.contactNoteObject
    Note.contact_note_contact_id = 123456
    Note.contact_note_user_id = 0
    Note.contact_note_text = "Test note on contact 123456 record"
    Note.contact_note_contact_id = "2015-10-22 10:22:12"
    myResponse = myService.addContactNote("username", "password", Note)
    If myResponse >= 1 Then
        MsgBox("success")
    Else
        MsgBox("failed: " & myResponse)
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);
$contact_note = array(
    'contact_note_contact_id'=>'123456',
    'contact_note_user_id'=>'40',
    'contact_note_text'=>'Test note on contact 123456 record',
    'contact_note_created_datetime'=>'2015-10-22 10:22:12'
 );
$myNoteID = $client->addContactNote("username","password",$contact_note);
if($myNoteID instanceof SoapFault) {
    echo "SOAP Fault: ".$myNoteID->faultstring;
} elseif($myNoteID >= '1') {
    echo "Success, new contact_note_id: ".$myNoteID;
    } else { echo "Failed to add note!"; }
```

RETURNS

```
ContactNoteID As Integer   (value >= 1 for success)
```

2.17 Method: getContactNotes

This function can be used to load all notes associated with a specified contact record.

2.17.1 Example: getContactNotes

Function: `getContactNotes(username As String, password As String, contactid As Integer) As ContactSOAP.contactNote()`

.NET

```
    Try
        Dim myService As New ContactSOAP.ContactManager
        Dim myResponse(0) As ContactSOAP.contactNote
        myResponse = myService.getContactNotes("username", "password", 3794669)
        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("Success: " + myResponse(0).contact_note_text)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getContactNotes( "username", "password", 3794669);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else {
            echo "success: nothing found";
        }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    object->contact_note_id As Integer
    object->contact_note_contact_id As Integer
    object->contact_note_user_id As Integer
    object->contact_note_text As String
    object->contact_note_created_datetime As String
)
```

2.18 Method: setContactPhoto

This function can be used to add or update a contacts profile photo. The maximum size for an image is 64kb and the data must be base64 encoded before being sent to the API.
Supported values for “photosrc” are:- “Facebook”, “Twitter”, “LinkedIn”, “Google+” and “Instagram”.
Supported values for “phototype” are:- “jpeg”, “png”, “bmp”,”gif” and ”tiff”.

2.18.1 Example: setContactPhoto

Function: `setContactPhoto(username As String, password As String, contactPhoto As contactPhotoObject) As Integer`

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $rawImgData = file_get_contents("https://fbcdn.net/624653721_n.jpg");
    $photoData = array("contactid"=>123456,
                       "phototype"=>"jpeg",
                       "photosrc"=>"facebook",
                       "photodata"=>base64_encode($rawImgData)
    );

    $myResponse = $client->setContactPhoto( "username", "password", $photoData);

    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif($myResponse == "100") {
        echo "success"
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

2.19 Method: getContactPhoto

This function can be used to load a contacts profile photo and image details. Before the image can be displayed it is necessary to base64 decode the data within element “photodata”.

2.19.1 Example: getContactPhoto

Function: `getContactPhoto(username As String, password As String, contactid As Integer) As ContactSOAP.contactPhotoObject`

.NET

```
    Try
        Dim myService As New ContactSOAP.ContactManager
        Dim myResponse As ContactSOAP.contactPhotoObject
        myResponse = myService.getContactPhoto("username", "password", 3794669)
        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("Success: " + myResponse.photosrc)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getContactPhoto( "username", "password", 3794669);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        $myResponse->photodata = base64_decode($myResponse->photodata);
        header('Content-Type: image/'.$myResponse->phototype);
        header('Content-Length: ' . strlen($myResponse->photodata));
        die($myResponse->photodata);
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    object->contactid As Integer
    object->photodata As Base64_Encoded_String
    object->phototype As String
    object->photosrc As String )
```

2.20 Method: unsubscribeContactUnits

This function can be used to unsubscribe a contact from specific unitIDs. Unsubscribing from units will remove the contact from those units and any groups within those units. You cannot unsubscribe a contact from all units;they must remain in at least one unit at all times. Use unsubscribeContact to remove a contact.

2.20.1 Example: unsubscribeContactUnits

Function: `unsubscribeContactUnits(username As String, password As String, contactid As Integer, unitids As Array of Integers) As String`

.NET

```
Try
    Dim myService As New ContactSOAP.ContactManager
    Dim myResponse As String = ""
    Dim UnsubUnits(1) As Integer
    UnsubUnits(0) = 721
    UnsubUnits(1) = 726
    myResponse = myService.unsubscribeContactUnits("username",
                                                   "password",
                                                   3794669,
                                                   UnsubUnits)
    If myResponse.Equals(100) Then
        MsgBox("unsubscribeContactUnits Success")
    Else
        MsgBox("unsubscribeContactUnits Failed!")
    End If
Catch ex As Exception
    MsgBox("unsubscribeContactUnits() Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);
$UnsubUnits = array(720,722);
$myResponse = $client->unsubscribeContactUnits("username",
                                "password", 3794669, $UnsubUnits);
if(is_numeric($myResponse) && $myResponse == 100) {
    echo "unsubscribeContactUnits Success";
} else {
    echo "Failed: ".print_r($myResponse,1);
}
```

RETURNS

```
msg As String   (statusID = 100 for success)
```

2.21 Method: getCreatedContacts

This function can be used to show contacts for an account that have been created since a supplied date. If the date supplied is older than 30 days then the call returns an error.

2.21.1 Example: getCreatedContacts

Function: `getCreatedContacts(username As String, password As String, CreatedTime As String) As ContactSOAP.contactCreated()`

.NET

```
        Try
            Dim myService As New ContactSOAP.ContactManager
            Dim msg As String
            Dim myContacts() As SOAPContact.contactCreated
            myContacts = myService. getCreatedContacts("username", "password",
                                               "2015-08-13 08:00:00")
            For Each myRT In myContacts
                 msg = msg & myRT.contactid & Chr(13)
                 msg = msg & myRT.email & Chr(13)
                 msg = msg & myRT.firstname & Chr(13)
                 msg = msg & myRT.lastname & Chr(13)
                 msg = msg & myRT.createdtime & Chr(13)
            Next
            MsgBox(msg)
        Catch ex As Exception
            MsgBox("getUDFValue() Exception: " + ex.Message)
        End Try
```

.PHP

```
        $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
        $client = new SoapClient($wsdl);
        $myContacts = $client->getCreatedContacts("username", "password",
                                           "2015-08-13 08:00:00");
        if($myResponse instanceof SoapFault) {
            echo "Exception: ".$myResponse->getMessage();
        } else {
            echo "Response: ". print_r($myContacts,true);
        }
```

RETURNS

```
Array of Object (
    object->contactid As Integer
    object->email As String
    object->firstname As String
    object->lastname As String
    object->createdtime as string
)
```

2.22 Method: getPreferredMethods

This function can be used to retrieve all preferreed contact methods.

2.22.1 Example: getPreferredMethods

Function: `getPreferredMethods(username As String, password As String) As ContactSOAP.preferredMethod`

.NET

```
        Dim myMethods() As ContactSOAP.preferredMethod
        Dim msg As String = ""

        myMethods = myService.getPreferredMethods("username ", " password")
        For Each myMethod In myMethods
            msg = msg & myMethod.preferredmethodid & ":"
            msg = msg & myMethod.preferredmethodname & Chr(13)
        Next
        MsgBox(msg)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client-> getPreferredMethods("username", "password")
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse) && !empty($myResponse)) {
        foreach($myResponse as $record)
            echo "<pre>".print_r($record,1)."</pre>\n";
    } else {
        echo "Empty Response!";
    }
```

RETURNS

```
Array of Object ( object->preferredmethodid As Integer,
object->preferredmethodname As String )
```

2.23 Method: updatePreferredMethod

This function can be used to set preferred contact method for a contact.

2.23.1 Example: updatePreferredMethod

Function: `updatePreferredMethod(username As String, password As String, ContactID as Integer,PreferredMethodID as Integer)`

.NET

```
      Dim myStatus As Integer
      myStatus = myService.updatePreferredMethod("username", "password", 9707484,
11)
        MsgBox(myStatus)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client-> updatePreferredMethod ("username", "password",
9707484, 11);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif($myResponse == 100 ) {
        echo "Success";
    } else {
        echo "Failed";
    }
```

2.24 Method: getContactStatus

This function can be used to get the contacts opt in status and record status.

2.24.1 Example: getContactStatus

Function: `getContactStatus(username As String, password As String, ContactID as Integer) As ContactSOAP.ContactStatus`

.NET

```
        Dim myStatus() As ContactSOAP.ContactStatus
        myStatus = myService.getContactStatus("username", "password", 123456)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getContactStatus ("username", "password", 123456);
```

RETURNS

```
    object->deleted As String
    object->deademail As String
    object->deadmobile As String
    object->allowemail As String
    object->allowsms As String
    object->allowcall As String
    object->allowsnailmail As String
```

2.25 Method: getContactsCreatedUpdatedTime

This function can be used to get a set of contacts created and last updated date & times.

2.25.1 Example: getContactsCreatedUpdatedTime

Function: `getContactsCreatedUpdatedTime(username As String, password As String, ContactIDs as Array of Integers) As ContactSOAP. contactCreatedUpdatedTimeArray`

.NET

```
        Dim myDates() As ContactSOAP. contactCreatedUpdatedTimeArray
        Dim ContactIDs(1) As Integer
        ContactIDs(0) = 123456
        ContactIDs(1) = 789102
        myDates = myService.getContactsCreatedUpdatedTime ("username",
        "password", ContactIDs)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client-> getContactsCreatedUpdatedTime ("username",
                             "password", array(123456,7891011,2817726));
```

RETURNS

```
Array of Object (
    object->contactid As Integer
    object->createddatetime As String
    object->updateddatetime As String
)
```

2.26 Method: contactValidation

This function can be used to validate contact data without updating or creating a contact. The data elements which can be validated are email, mobile number, home number, work number, postcode, dob, preferred contact method id, gender, salutation/title and UDF input.

2.26.1 Example: contactValidation

Function: `contactValidation(username As String, password As String, contactData As ContactSOAP.contactObject, udfs() As ContactSOAP.UDF) As ContactSOAP.contactValidationStatus`

.NET

```
        Dim myContact As New ContactSOAP.ContactManager
        Dim contactObj As New ContactSOAP.contactObject
        Dim contactValidationStatus As ContactSOAP.contactValidatedStatus
        contactObj.email = "me@example.com"
        contactObj.mobilenumber = "447911111111"
        contactObj.homenumber = "01112345678"
        contactObj.worknumber = "01112345678"
        contactObj.postcode = "BD1 2ND"
        contactObj.dob = "1985-06-15"
        contactObj.preferredmethodid = "11"
        contactObj.gender = ""
        contactObj.title = ""

        Dim udf As New ContactSOAP.UDF
        udf.udfnameid = "985"
        udf.type = "Text"
        udf.data = "some value"
        Dim udfArray(0) As ContactSOAP.UDF
        udfArray(0) = udf


        Dim msg As String
        contactValidationStatus = myContact. contactValidation("username",
"password", contactObj, udfArray)
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
$client = new SoapClient($wsdl);

$contact = array(
            "title" => "Mr",
            "gender" => "M",
            "postcode" => "s11 7eb",
            "mobilenumber" => "077111111",
            "homenumber" => "01112345678",
            "worknumber" => "01112345678",
            "email" => "me@example.com",
            "dob" => "1973-02-16",
            "preferredmethodid" => "11")

$UDFs = array();
$UDFs[] = array("udfnameid"=>79, "data"=>"Test Co");
$UDFs[] = array("udfnameid"=>779, "data" =>"unique123");

$response= $client->contactValidation("username","password", $contact, $UDFs);
```

RETURNS

On success, an empty object is returned.

On failure to validate one or more of the fields below, only those failures will be populated in the returned object, along with a corresponding error message as the string value for each failed item.

```
    object->title As String
    object->gender As String
    object->dob As String
    object->email As String
    object->mobilenumber As String
    object->homenumber As String
    object->worknumber As String
    object->postcode As String
    object->preferredmethodid As String
    object->udfs As Array of ContactSOAP.UDFValidation
```

Failure Example:

```
    dob->”Invalid DOB: 15-06-1985”,
    email->”Email address is invalid”,
    udfs-> array(
             Object(
               udfnameid->2097,
                valid->"A UDFNameID 2097 is invalid"
            )
    )
```

2.27 Method: getContactConsent

This function can be used to get consent_type_id(s) for a contact where consent is currently Y. Where consent is N, the consent_type_id will not be included in the returned array.

2.27.1 Example: getContactConsent

Function: `getContactConsent(username As String, password As String, contactid as Integer) As ContactSOAP.ContactConsent()`

.NET

```
     Dim myStatus() as ContactSOAP.ContactConsent
     myStatus = myService.getContactConsent("username", "password", 123456)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = array();
    $myResponse = $client->getContactConsent("username", "password", 123456);
```

RETURNS

```
    Array (object->consenttypeid As Numeric)
```

SOAP Call Exception Messages

Call Fail Reason	Example Call Fail Message
Invalid contactid	ContactID: 1234567 does not exist for AccountID 123

2.28 Method: updateContactConsent

This function can be used to update an existing contact's consent record; you must however provide the unique Airship contactid in the call.

2.28.1 Example: updateContactConsent

Function: `updateContactConsent (username As String, password As String, contactid As Integer, consents() as ContactSOAP.Consent ) As Integer`

.NET

```
    Try
        Dim myService As New ContactSOAP.ContactManager
        Dim contactid As Integer

        ' change consent of given contactID
        contactid = "3794669"

        Dim consent As New ContactSOAP.Consent
        Dim consentArray(1) A ContactSOAP.Consent
        consent.consenttypeid = "2"
        consent.consentstatus = "Y"
        consentArray(0) = consent
        consent.consenttypeid = "3"
        consent.consentstatus = "N"
        consentArray(1) = consent

        Dim myResponse As Integer
        myResponse = myService.updateContactConsent("username", "password",
contactid, consentArray)
        'check the response for success
        If myResponse.Equals(100) Then
            MsgBox("success: " & myResponse)
        Else
            MsgBox("success: " & myResponse)
        End If

    Catch ex As Exception
        MsgBox("updateContact () Exception: " + ex.Message)
    End Try
```

.PHP

```
        $wsdl = "https://secure.airship.co.uk/SOAP/V3/Contact.wsdl";
        $client = new SoapClient($wsdl);

        $contactid = 3794669;
        $consents = array();
        $consents[] = array("consenttypeid"=>2,"consentstatus"=>"Y");
        $consents[] = array("consenttypeid"=>3,"consentstatus"=>"N");
        $response = $client->updateContactConsent("username","password",
                                                   $contactid,$consents);
        if($response == "100") {
            echo "Success";
        } else {
            echo "Failed: ".$response;
        }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

SOAP Call Exception Messages

Call Fail Reason	Example Call Fail Message
Invalid contactid	ContactID: 1234567 does not exist for AccountID 123
Invalid consent array	Consent array cannot be blank
	Consent status for a consent_type_id must be either “Y” or “N”
	Consent consent_type_id does not exist

Statistics API

The Statistics API provides methods for accessing cached statistics data, live unit lists and live group lists.The statistical cache data is automatically updated every 24hrs.

File: https://secure.airship.co.uk/SOAP/V3/Stat.wsdl **Namespace:**StatSOAP

3.1 Method: ageProfile

This function can be used to obtain a list of contact ages and the number of contacts in each age.

3.1.1 Example: ageProfile

Function: `ageProfile(username As String, password As String, unitID As Integer) As StatSOAP.Age()`

.NET

```
   Try
        Dim myService As New StatSOAP.Stat
        Dim myResponse(0) As StatSOAP.Age
        myResponse = myService.ageProfile("username", "password", 67)
        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("first returned row, count element: " & myResponse(0).count)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->ageProfile("username", "password", 67);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse) && !empty($myResponse)) {
        foreach($myResponse as $record)
            echo "<pre>".print_r($record,1)."</pre>\n";
    } else {
        echo "Empty Response!";
    }
```

RETURNS

```
Array of Object ( object->yearsold As Integer, object->count As Integer)
```

3.2 Method: birthdayProfile

This function can be used to obtain a list of months and number of contacts born in each month.

3.2.1 Example: birthdayProfile

Function: `birthdayProfile(username As String, password As String, unitID As Integer) As StatSOAP.Month()`

.NET

```
   Try
        Dim myService As New StatSOAP.Stat
        Dim myResponse(0) As StatSOAP.Month

        myResponse = myService.birthdayProfile("username", "password", 67)

        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("first returned row, count element: " & myResponse(0).count)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->birthdayProfile("username", "password", 67);

    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse) && !empty($myResponse)) {
        foreach($myResponse as $record) {
            echo "<pre>".print_r($record,1)."</pre>\n";
        }
    } else {
        echo "Empty Response!";
    }
```

RETURNS

`Array of Object ( object->name As String, object->count As Integer)`

3.3 Method: groupList

This function can be used to load a list of active groups belonging to a given unitID.

3.3.1 Example: groupList

Function: `groupList(username As String, password As String, unitID As Integer) As StatSOAP.Folder()`

.NET

```
    Try
        Dim myService As New StatSOAP.Stat
        Dim myResponse(0) As StatSOAP.Folder

        myResponse = myService.groupList("username", "password", 67)

        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("first returned row, foldername element: " +
                                              myResponse(0).foldername)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Messa
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->groupList("username", "password", 67);

    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse) && !empty($myResponse)) {
        foreach($myResponse as $record) {
            echo "<pre>".print_r($record,1)."</pre>\n";
        }
    } else {
        echo "Empty Response!";
    }
```

RETURNS

```
Array of Object (
    object->foldername As String,
    object->groups As Array of Object (o->groupid, o->groupname)
)
```

3.4 Method: groupStats

This function can be used to load group statistical data from groups associated with your account.

3.4.1 Example: groupStats

Function: `groupStats(username As String, password As String, unitID As Integer) As StatSOAP.GroupStats()`

.NET

```
    Try

        Dim myService As New StatSOAP.Stat
        Dim myResponse(0) As StatSOAP.GroupStats

        myResponse = myService.groupStats("username", "password", 67)

        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("first returned row, name element: " + myResponse(0).name)
        End If

    Catch ex As Exception
        MsgBox("Exception: " + ex.Message
End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->groupStats("username", "password", 67);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse) && !empty($myResponse)) {
        foreach($myResponse as $record)
            echo "<pre>".print_r($record,1)."</pre>\n";
    } else {
        echo "Empty Response!";
    }
```

RETURNS

```
Array of Object (
    object->groupID As Integer,
    object->name As String,
    object->stats As Array of Object (o->activemobilescached,
        o->activeemailscached,o->activemailerscached,o->contactscached)
)
```

3.5 Method: joinersByPeriod

This function can be used to load statistical data detailing the number of joiners in the last week and month for a given unitID.

3.5.1 Example: joinersByPeriod

Function: `joinersByPeriod(username As String, password As String, unitID As Integer) As StatSOAP.Period()`

.NET

```
    Try
        Dim myService As New StatSOAP.Stat
        Dim myResponse(0) As StatSOAP.Period

        myResponse = myService.joinersByPeriod("username", "password", 67)

        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("first returned row, name element: " + myResponse(0).name)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->joinersByPeriod("username", "password", 67);

    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse) && !empty($myResponse)) {
        foreach($myResponse as $record)
            echo "<pre>".print_r($record,1)."</pre>\n";
    } else {
        echo "Empty Response!";
    }
```

RETURNS

```
Array of Object (object->name, object->count)
```

3.6 Method: previousBroadcastList

This function can be used to load a list of all previous broadcasts that have been made from your account.

3.6.1 Example: previousBroadcastList

Function: `previousBroadcastList(username As String, password As String, unitID As Integer) As StatSOAP.BroadcastsArray`

.NET

```
    Try
        Dim myService As New StatSOAP.Stat
        Dim myResponse As StatSOAP.BroadcastsArray

        myResponse = myService.previousBroadcastList("username",
                                                     "password", 67)


        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("first row eflyer name: " + myResponse.eflyers(0).name)
            MsgBox("first row eflyer name: " + myResponse.tflyers(0).name)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->previousBroadcastList("username", "password", 67);

    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(isset($myResponse->eflyers) && isset($myResponse->tflyers)) {
        echo "<pre>this->eflyers: ".print_r($myResponse->eflyers,1)."</pre>";
        echo "<pre>this->tflyers: ".print_r($myResponse->tflyers,1)."</pre>";
    } else {
        echo "Empty Response!";
    }
```

RETURNS

```
Array of Object (object->queueid As Integer, object->qty As Integer,
                 object->name As String, object->sentdate As String )
```

3.7 Method: refreshCache

This function can be used to refresh your statistical data cache. It can only be called once in any given 24hr period. If you call this function more than once in 24hrs you will receive a SoapFault.

3.7.1 Example: refreshCache

Function: `refreshCache(username As String, password As String) As Integer`

.NET

```
    Try
        Dim myService As New StatSOAP.Stat
        Dim myResponse As Integer

        myResponse = myService.refreshCache("username", "password")

        If myResponse.Equals(100) Then
            MsgBox("success")
        Else
            MsgBox("failed " + myResponse)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->refreshCache("username", "password");

    if($myResponse instanceof SoapFault) {
        die("SoapFault: ".$myResponse->getMessage());
    } elseif($myResponse == '100') {
        echo "Success!";
    } else {
        echo "Failed! ".$myResponse;
    }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

3.8 Method: unitList

This function can be used to load a list of active units and their ID's from your account.

3.8.1 Example: unitList

Function: `unitList(username As String, password As String) As StatSOAP.Unit()`

.NET

```
    Try

        Dim myService As New StatSOAP.Stat
        Dim myResponse(0) As StatSOAP.Unit

        myResponse = myService.unitList("username", "password")

        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("first row: name = " + myResponse(0).name)
        End If

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

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Stat.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->unitList("username", "password");

    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_array($myResponse) && !empty($myResponse)) {
        foreach($myResponse as $unit) {
            echo "<pre>".print_r($unit,1)."</pre>";
        }
    } else {
        echo "Empty Response!";
    }
```

RETURNS

```
Array of Object ( object->unitid As Integer,
                  object->name As String,
                  object->isroot As String )
```

UDF Unit Query API

The UDF Unit Query API provides methods for searching contact records via UDF criteria.

File: https://secure.airship.co.uk/SOAP/V3/UDFUnitQuery.wsdl **Namespace:**UDFQuerySOAP

4.1 Method: contactCheckUDF

Looks for a contact matching the given emailaddress and within the given UnitID, checks the matching contact has a UDFID value equal to that of UDFVAL parameter.

4.1.1 Example: contactCheckUDF

Function: `contactCheckUDF(username As String, password As String, unitid As Integer, udfid As Integer, udfval As String, emailaddress As String) As String`

.NET

```
    Try
        Dim myService As New UDFQuerySOAP.UDFUnitQuery
        Dim myResponse As String
        myResponse = myService.contactCheckUDF("username", "password", 67,
                                        779, "unique891", "me@example.com")
        If myResponse Is Nothing Then
            MsgBox("bad response")
        ElseIf myResponse = "true" Or myResponse = "false" Then
            MsgBox("contact matched query: " + myResponse)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UDFUnitQuery.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->contactCheckUDF("username", "password", 67, 779,
                                           "unique891", "me@example.com");
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(in_array($myResponse, array('true','false'))) {
        echo "contact matched query: ".$myResponse;
    }
```

RETURNS

`matchfound As String  (available responses: "true" or "false")`

4.2 Method: getContactData

Looks for a contact matching the given emailaddress and within the given UnitID, checks the matching contact has a UDFID value equal to that of UDFVAL parameter.

4.2.1 Example: getContactData

Function: `getContactData(username As String, password As String, unitids As String, groupids As String, udfid As Integer, udfval As String) As UDFQuerySOAP.ContactData()`

.NET

```
    Try
        Dim myService As New UDFQuerySOAP.UDFUnitQuery
        Dim myResponse(0) As UDFQuerySOAP.ContactData

        myResponse = myService.getContactData("username", "password",
                                              "67,187", "275,827", 479, "test1")

        If myResponse Is Nothing Then
            MsgBox("bad response")
        Else
            MsgBox("first row contactid: " & myResponse(0).contactid)
        End If

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

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UDFUnitQuery.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->getContactData("username", "password",
                                          "67,187", "275,827", 479, "test1");

    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_array($myResponse)) {
        echo "<pre>response: ".print_r($myResponse,1)."</pre>";
    } else {
        echo "bad response: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    object->unitname As String
    object->unitid As Integer
    object->groupid As Integer
    object->groupname As String
    object->contactid As Integer
    object->uid As String
    object->gender As String
    object->title As String
    object->firstname As String
    object->lastname As String
    object->dob As String
    object->buildingname As String
    object->buildingnumstreet As String
    object->locality As String
    object->postcode As String
    object->city As String
    object->country As String
    object->county As String
    object->mobilenumber As String
    object->landnumber As String
    object->email As String
    object->createdtime As String
    object->lastupdatetime As String
    object->allowsms As String
    object->allowemail As String
    object->allowsnailmail As String
    object->allowcall As String
    object->deadmobile As String
    object->deademail As String
)
```

4.3 Method: udfList

This function can be used to load a list of UDF's and their configuration data from your account.

4.3.1 Example: udfList

Function: `udfList(username As String, password As String, unitid As Integer) As UDFQuerySOAP.UDFData()`

.NET

```
    Try
        Dim myService As New UDFQuerySOAP.UDFUnitQuery
        Dim myResponse(0) As UDFQuerySOAP.UDFData

        myResponse = myService.udfList("username", "password", 67)

        If myResponse Is Nothing Then
            MsgBox("empty response")
        Else
            MsgBox("first row udfid: " & myResponse(0).udfid)
        End If
    Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UDFUnitQuery.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->udfList("username", "password", 67);

    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_array($myResponse)) {
        echo "<pre>response: ".print_r($myResponse,1)."</pre>";
    } else {
        echo "bad response: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    object->udfid As Integer,
    object->udfname As String,
    object->udftype As String,
    object->udfoptions As Array of String
)
```

Broadcast API

The Broadcast API provides methods for rescheduling of previous broadcasts.

File: https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl **Namespace:** BroadcastSOAP

5.2 Method: sendNewEflyer

Can be used to create and send an Eflyer / Email broadcast to new or existing recipient(s). You must supply the from email address, the recipient(s) email address(es), the subject and the content. Content must be provided in both html and plain text format. If the recipient email address is not in the database, a contact record will be created containing the new recipient email address.

Please Note: This API method should only be used for transactional email broadcasts, where you have ensured legal grounds to send the message to the included recipients.

5.2.1 Example: sendNewEflyer

Function: sendNewEflyer(username As String, password As String, unitID As Integer, fromAddress As String, recipients() As String, subject As String, htmlContent As String, textContent As String) broadcastID As Integer

.NET

```
    Try
        Dim myService As New BroadcastSOAP.Broadcast
        Dim myResponse As Integer
        Dim myRecipients(1) As String

        myRecipients(0) = "me@example.com"
        myRecipients(1) = "you@example.com"

        Dim unitID As Integer = 67

        Dim fromAddress As String = "from@example.com"

        Dim subject As String = "New SOAP API Test Message"

        Dim textContent As String = "This is a test message"

        Dim htmlContent As String = "<!DOCTYPE html PUBLIC '-//W3C//DTD XHTML 1.0
Transitional//EN' 'http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd'><html
xmlns='http://www.w3.org/1999/xhtml'><head><meta http-equiv='Content-Type'
content='text/html; charset=iso-8859-1' /><title>new sendNewEflyer()
message</title></head><body><h1>This is a test message. </h1></body></html>"
```

```
    myResponse = myService.sendNewEflyer("username", "password", unitID,
            fromAddress, myRecipients, subject, htmlContent, textContent)

    If myResponse >= 1 Then
        MsgBox("success: BroadcastID " & myResponse)
    Else
        MsgBox("failed " & myResponse)
    End If

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

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
$client = new SoapClient($wsdl);

$htmlContent = "<html><body><h2>Test</h2><p>hello</p></body></html>";
$textContent = "Test\r\n\r\nhello";

$myResponse = $client->sendNewEflyer("username", "password", 67,
                                     "from@example.com",
                                     array("to@example.com"),$htmlContent,
                                     $textContent);

if($myResponse instanceof SoapFault) {
    die("SoapFault: ".$myResponse->getMessage());
} elseif($myResponse >= '1') {
    echo "Success, broadcastID: ".$myResponse;
} else {
    echo "Failed! ".$myResponse;
}
```

RETURNS

```
broadcastID As Integer
```

5.3 Method: sendNewTflyer

Can be used to create and send a new Tflyer / SMS broadcast to new or existing recipient(s). You must supply the recipient(s) mobile number(s) and the content of the message in plain text. If the recipient mobile number is not in the database, a contact record will be created containing the new recipient mobile number.

Please Note: This API method should only be used for transactional email broadcasts, where you have ensured legal grounds to send the message to the included recipients.

5.3.1 Example: sendNewTflyer

Function: `sendNewTflyer(username As String, password As String, unitID As Integer, recipients() As String, smsContent As String) broadcastID As Integer`

.NET

```
    Try

        Dim myService As New BroadcastSOAP.Broadcast
        Dim myRecipients(1) As String
        Dim myResponse As Integer
        myRecipients(0) = "447911111111"
        myRecipients(1) = "07911 111112"

        Dim unitID As Integer = 67
        Dim smsContent As String = "This is a test sms message"

        myResponse = myService.sendNewTflyer("username", "password", unitID,
                                             myRecipients, smsContent)

        If myResponse >= 1 Then
            MsgBox("success: BroadcastID " & myResponse)
        Else
            MsgBox("failed " & myResponse)
        End If

    Catch ex As Exception

        MsgBox("Exception: " + ex.Message)

    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
    $client = new SoapClient($wsdl);
    $smsContent = "Test hello";
    $unitID = 67;
    $myResponse = $client->sendNewTflyer("username", "password", $unitID
                                         array("447911111111","447911111112"),
                                         $smsContent);
    if($myResponse instanceof SoapFault) {
        die("SoapFault: ".$myResponse->getMessage());
    } elseif($myResponse >= '1') {
        echo "Success, broadcastID: ".$myResponse;
    } else {
        echo "Failed! ".$myResponse;
    }
```

RETURNS

broadcastID As Integer

5.4 Method: broadcastStatusTflyer

Can be used to obtain delivery status data of a previous broadcastID to a specified mobile number(s). This function is limited to a maximum of 250 recipients per call.

5.4.1 Example: broadcastStatusTflyer

Function: `broadcastStatusTflyer(username As String, password As String, broadcastID As Integer, recipients() As String) As BroadcastSOAP.tflyerStatus()`

.NET

```
Try
    Dim myService As New BroadcastSOAP.Broadcast
    Dim broadcastID As Integer
    Dim myRecipients(0) As String
    Dim myResponse(0) As BroadcastSOAP.tflyerStatus
    myRecipients(0) = "447711111111"
    myRecipients(1) = "447711111112"
    broadcastID = 12345
    myResponse = myService.broadcastStatusTflyer("username", "password",
                                                 broadcastID,myRecipients)
    If myResponse Is Nothing Then
        MsgBox("empty response")
    Else
        MsgBox("first row: " & myResponse(0).mobilenumber)
    End If
Catch ex As Exception
        MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
$client = new SoapClient($wsdl);

$myResponse = $client->broadcastStatusTflyer("username", "password",
                          12345, array("4477111111","447711111112"));

if($myResponse instanceof SoapFault) {
    die("Exception: ".$myResponse->getMessage());
} elseif(is_array($myResponse)) {
    echo "<pre>response: ".print_r($myResponse,1)."</pre>";
} else {
    echo "bad response: ".$myResponse;
}
```

RETURNS

```
Array of Object (
    object->contactid As Integer,
    object->mobilenumber As String,
    object->status As String,
    object->clicks As Integer
)
```

5.5 Method: broadcastStatusEflyer

Can be used to obtain delivery status data of a previous broadcastID to a specified email address(es). This function is limited to a maximum of 250 recipients per call.

5.5.1 Example: broadcastStatusEflyer

Function: `broadcastStatusEflyer(username As String, password As String, broadcastID As Integer, recipients() As String) As BroadcastSOAP.eflyerStatus()`

.NET

```
    Try
        Dim myService As New BroadcastSOAP.Broadcast
        Dim broadcastID As Integer
        Dim myRecipients(0) As String
        Dim myResponse(0) As BroadcastSOAP.eflyerStatus
        myRecipients(0) = "me@example.com"
        myRecipients(1) = "you@example.com"
        broadcastID = 67890
        myResponse = myService.broadcastStatusEflyer("username", "password",
                                                     broadcastID,myRecipients)
        If myResponse Is Nothing Then
            MsgBox("empty response")
        Else
            MsgBox("first row: " & myResponse(0).email)
        End If
    Catch ex As Exception
            MsgBox("Exception: " + ex.Message)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->broadcastStatusEflyer("username", "password",
                          67890, array("me@example.com","you@example.com"));

    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_array($myResponse)) {
        echo "<pre>response: ".print_r($myResponse,1)."</pre>";
    } else {
        echo "bad response: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    object->contactid As Integer,
    object->email As String,
    object->status As String,
    object->reads As Integer,
    object->clicks As Integer,
)
```

5.6 Method: sendForcedEflyer

Can be used to create and send an Email broadcast to new or existing recipient(s) even if deleted or opted out. You must supply the recipient(s) email address(es) and an Eflyer ID. If the recipient email address is not in the database, a contact record will be created containing the new recipient email address but will be marked as deleted. This Email will go to recipients regardless of them being deleted or having unsubscribed.

Please Note: This API method should only be used for transactional email broadcasts, where you have ensured legal grounds to send the message to the included recipients.

5.6.1 Example: sendForcedEflyer

Function: `sendForcedEflyer(username As String, password As String, eflyerID As Integer, recipients() As Array) broadcastID As Integer`

.NET

```
    Try
        Dim myService As New BroadcastSOAP.Broadcast
        Dim myResponse As Integer
        Dim myRecipients(1) As String

        myRecipients(0) = "me@example.com"
        myRecipients(1) = "you@example.com"

        Dim eflyerID As Integer = 67

        myResponse = myService.sendForcedEflyer("username", "password",
                                                eflyerID, myRecipients)

        If myResponse >= 1 Then
            MsgBox("success: BroadcastID " & myResponse)
        Else
            MsgBox("failed " & myResponse)
        End If

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

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->sendForcedEflyer("username", "password", 123456,
                                            array("to@example.com"));

    if($myResponse instanceof SoapFault) {
        die("SoapFault: ".$myResponse->getMessage());
    } elseif($myResponse >= '1') {
        echo "Success, broadcastID: ".$myResponse;
    } else {
        echo "Failed! ".$myResponse;
    }
```

RETURNS

`broadcastID As Integer`

5.7 Method: sendNewEflyerBroadcast

Can be used to create and send an Email broadcast to new or existing recipient(s). You must supply the from email address, the from name, the recipient(s) email address(es), the subject and the content. Content must be provided in both html and plain text format. If the recipient email address is not in the database, a contact record will be created containing the new recipient email address. If the from email address is not valid then an error will be raised.

Please Note: This API method should only be used for transactional email broadcasts, where you have ensured legal grounds to send the message to the included recipients.

5.7.1 Example: sendNewEflyerBroadcast

Function: `sendNewEflyerBroadcast(username As String, password As String, unitID As Integer, fromAddress As String, fromName as String, recipients() As String, subject As String, htmlContent As String, textContent As String) broadcastID As Integer`

.NET

```
    Try
        Dim myService As New BroadcastSOAP.Broadcast
        Dim myResponse As Integer
        Dim myRecipients(1) As String

        myRecipients(0) = "me@example.com"
        myRecipients(1) = "you@example.com"
        Dim unitID As Integer = 67

        Dim fromAddress As String = "from@example.com"
        Dim fromName As String = "Party Line"

        Dim subject As String = "New SOAP API Test Message"

        Dim textContent As String = "This is a test message"

        Dim htmlContent As String = "<!DOCTYPE html PUBLIC '-//W3C//DTD XHTML 1.0
Transitional//EN' 'http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd'><html
xmlns='http://www.w3.org/1999/xhtml'><head><meta http-equiv='Content-Type'
content='text/html; charset=iso-8859-1' /><title>new sendNewEflyer()
message</title></head><body><h1>This is a test message. </h1></body></html>"

        myResponse = myService.sendNewEflyer("username", "password", unitID,
                fromAddress, fromName, myRecipients, subject, htmlContent,
textContent)

        If myResponse >= 1 Then
            MsgBox("success: BroadcastID " & myResponse)
        Else
            MsgBox("failed " & myResponse)
        End If

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

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
$client = new SoapClient($wsdl);

$htmlContent = "<html><body><h2>Test</h2><p>hello</p></body></html>";
$textContent = "Test\r\n\r\nhello";

$myResponse = $client->sendNewEflyer("username", "password", 67,
                                     "from@example.com", "Party Line",
                                     array("to@example.com"),$htmlContent,
                                     $textContent);

if($myResponse instanceof SoapFault) {
    die("SoapFault: ".$myResponse->getMessage());
} elseif($myResponse >= '1') {
    echo "Success, broadcastID: ".$myResponse;
} else {
    echo "Failed! ".$myResponse;
}
```

RETURNS

broadcastID As Integer

5.10 Method: getScheduledSMSCount

Can be used to count the current number of scheduled SMS broadcasts.

5.10.1 Example: getScheduledSMSCount

Function: `getScheduledSMSCount(username As String, password As String, unitID As Integer) count As Integer`

.NET

```
    Try

        Dim myService As New BroadcastSOAP.Broadcast
        Dim unitID As Integer = 67
        Dim myResponse As Integer

        myResponse = myService.getScheduledSMSCount("username", "password",
                                                    unitID)

        If myResponse >= 1 Then
            MsgBox("success: count " & myResponse)
        Else
            MsgBox("failed " & myResponse)
        End If

    Catch ex As Exception

        MsgBox("Exception: " + ex.Message)

    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
    $client = new SoapClient($wsdl);
    $unitID = 67;

    $myResponse = $client->getScheduledSMSCount ("username", "password",
                                                 $unitID);
    if($myResponse instanceof SoapFault) {
        die("SoapFault: ".$myResponse->getMessage());
    } elseif($myResponse >= 0) {
        echo "Success, count ".$myResponse;
    } else {
        echo "Failed! ".$myResponse;
    }
```

RETURNS

```
count As Integer
```

5.11 Method: getScheduledSMS

Can be used to retrieve a set of currently scheduled SMS broadcasts.

5.11.1 Example: getScheduledSMS

Function: `getScheduledSMS(username As String, password As String, unitID As Integer, result_options As SOAPBroadcast.resultOptions) SMSBroadcasts As SOAPBroadcast. scheduledSMSBroadcastArray()`

.NET

```
    Try

        Dim myService As New BroadcastSOAP.Broadcast
        Dim unitID As Integer = 67
        Dim result_options As SOAPBroadcast.resultOptions
        Dim myResponse As SOAPBroadcast. scheduledSMSBroadcastArray

        myResponse = myService.getScheduledSMS ("username", "password",
                                                 unitID, result_options)

        If myResponse >= 1 Then
            MsgBox("success: first record " & myResponse[0])
        Else
            MsgBox("failed " & myResponse)
        End If

    Catch ex As Exception

        MsgBox("Exception: " + ex.Message)

    End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
$client = new SoapClient($wsdl);
$unitID = 67;
$result_options = array(
   'sort_by_element_name'=>'TriggerTime',
   'sort_direction'=>'ASC',
   'result_limit'=>'10',
   'result_offset'=>'0'
);
$myResponse = $client->getScheduledSMS("username", "password",
                                       $unitID, $result_options);
if($myResponse instanceof SoapFault) {
    die("SoapFault: ".$myResponse->getMessage());
} elseif(is_array($myResponse)) {
    echo "Success ".print_r($myResponse,1);
} else {
    echo "Failed! ".$myResponse;
}
```

RETURNS

`ScheduledSMS As SOAPBroadcast.scheduledSMSBroadcastArray`

5.12 Method: cancelScheduledSMS

Can be used to cancel a scheduled SMS broadcast.

5.12.1 Example: cancelScheduledSMSCount

Function: `cancelScheduledSMS(username As String, password As String, unitID As Integer, broadcastID As Integer) result As Integer`

.NET

```
    Try

        Dim myService As New BroadcastSOAP.Broadcast
        Dim unitID As Integer = 67
        Dim broadcastID As Integer = 109821;
        Dim myResponse As Integer

        myResponse = myService.cancelScheduledSMS("username", "password",
                                                   unitID, broadcastID)

        If myResponse == 100 Then
            MsgBox("success: cancelled SMS")
        Else
            MsgBox("failed " & myResponse)
        End If

    Catch ex As Exception

        MsgBox("Exception: " + ex.Message)

    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Broadcast.wsdl";
    $client = new SoapClient($wsdl);
    $unitID = 67;
    $broadcastID = 1091871;
    $myResponse = $client->cancelScheduledSMS("username", "password",
                                               $unitID, $broadcastID);
    if($myResponse instanceof SoapFault) {
        die("SoapFault: ".$myResponse->getMessage());
    } elseif($myResponse == "100") {
        echo "Success";
    } else {
        echo "Failed! ".$myResponse;
    }
```

RETURNS

100 As Integer - on success

Bookings API

The bookings api allows for creation, updating and retrieval of booking specific data.

File: https://secure.airship.co.uk/SOAP/V3/Bookings.wsdl **Namespace:** BookingsSOAP

6.1 Method: createBooking

This function can be used to add a new booking record, it will return the provided bookingID on success. Before calling the function we must have a valid contact_id – if this is a new contact the createContact must be called first to obtain a new contact_id.

6.1.1 Example: createBooking

Function: `createBooking(username As String, password As String, booking As BookingSOAP.bookingObject, booking_areas() As Integer) booking_id As Integer`

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBooking As New BookingSOAP.bookingObject
    Dim myBookingAreas(1) As Integer
    Dim myBookingID As Integer

    myBookingAreas(0) = "101" ' reserve area 101 and 102"
    myBookingAreas(1) = "102" ' reserve area 101 and 102

    myBooking.booking_contact_id = "5282391"
    myBooking.booking_contact_idSpecified = True

    myBooking.booking_enquiry_source_id = "2"
    myBooking.booking_enquiry_source_idSpecified = True

    myBooking.booking_party_size = "10"
    myBooking.booking_party_sizeSpecified = True

    myBooking.booking_stage_value = "1"
    myBooking.booking_stage_valueSpecified = True

    myBooking.booking_type_id = "2"
    myBooking.booking_type_idSpecified = True

    myBooking.booking_unit_id = "67"
    myBooking.booking_unit_idSpecified = True
    myBooking.booking_deposit_paid = 0
    myBooking.booking_deposit_paidSpecified = True
    myBooking.booking_hpbr_drink = 0
    myBooking.booking_hpbr_drinkSpecified = True

    myBooking.booking_hpbr_food = 0
    myBooking.booking_hpbr_foodSpecified = True

    myBooking.booking_hpbr_entertainment = 0
    myBooking.booking_hpbr_entertainmentSpecified = True


    myBooking.booking_party_datetime = "2013-05-02 20:30:00"
    myBooking.booking_enquiry_datetime = "2013-03-21 21:00:06"

    myBooking.booking_data_element_03 = "beer"
    myBooking.booking_data_element_20 = "steak"

    myBookingID = myService.createBooking("username", "password",
                                           myBooking, myBookingAreas)

    If myBookingID >= 1 Then
        MsgBox("Success, booking_id: " & myBookingID)
    Else
        MsgBox("Failed to create booking.")
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl",array("trace"=>1,"exceptions"=>0));

$booking = array(
   'booking_contact_id'=>'5282391',
   'booking_enquiry_source_id'=>'2',
   'booking_party_size'=> '10',
   'booking_stage_value'=> '1',
   'booking_type_id'=> '2',
   'booking_unit_id'=> '67',
   'booking_party_datetime'=> "2013-05-02 20:30:00",
   'booking_enquiry_datetime'=> "2013-03-21 21:00:06",
   'booking_deposit_paid'=> '0',
   'booking_hpbr_drink'=> '0',
   'booking_hpbr_food'=> '0',
   'booking_hpbr_entertainment'=> '0',
   'booking_data_element_03'=> "wine",
   'booking_data_element_20'=> "chicken"
);

$booking_areas = array('108','109');

$myBookingID = $client->createBooking("username","password",
                                       $booking,$booking_areas);

if($myBookingID instanceof SoapFault || $myBookingID < '1') {
    echo "SOAP Fault: ".$myBookingID->faultstring;
} else {
    echo "Success, new booking_id: ".$myBookingID;
}
```

RETURNS

```
booking_id As Integer
```

6.1.2 Booking Stage Values

Booking stage field can contain “any” numeric value between 1 and 600. Airship have pre-defined status names assigned to different numeric values, as shown below. It is advised to use the status definitions as are, where possible, but it is possible to use extra stages inside external applications to facilitate between stage workflow.

```
New (10)  range (1-19)
Customer Contacted (20)  range (20-29)
Info Sent (30)  range (30-39)
Follow-up (40)  range (40-49)
Confirmation Received (50)  range (50-59)
Deposit Secured (60)  range (60-69)
Complete (100)  range (100-499)
Unsuccessful (500)  range (500-549)
Cancelled (550)  range (550-600)
```

When using bespoke stages the following rules will apply within Airship. If a value between 1-19 is given, this will be treated by Airship as “New”. You can view the range of acceptance in the above list.

6.2 Method: createBookingNote

This function can be used to add a note(s) to a booking record. Multiple notes may be added to a booking_id to form a thread of notes against said booking_id. To create a customer comment, use a pt_user_id value of “0”.

6.2.1 Example: createBookingNote

Function: createBookingNoteAsync(username As String, password As String, booking_note As BookingSOAP.bookingNoteObject) booking_note_id As Integer

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBookingNote As New BookingSOAP.bookingNoteObject
    Dim myBookingNoteID As Integer

    myBookingNote.booking_note_booking_id = 4
    myBookingNote.booking_note_booking_idSpecified = True

    myBookingNote.booking_note_pt_user_id = 40
    myBookingNote.booking_note_pt_user_idSpecified = True

    myBookingNote.booking_note_text = "This is a test note on bookingID 4"
    myBookingNote.booking_note_created_datetime = "2013-03-22 16:16:28"

    myBookingNoteID = myService.createBookingNote("username", "password",
                                              myBookingNote)
    If myBookingNoteID >= 1 Then
        MsgBox("Success, booking_note_id: " & myBookingNoteID)
    Else
        MsgBox("Failed to create booking note.")
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl",array("trace"=>1,"exceptions"=>0));

$booking_note = array(
        'booking_note_booking_id'=>'5',
        'booking_note_pt_user_id'=>'40',
        'booking_note_text'=>'Test note on bookingID 5',
        'booking_note_created_datetime'=>'2013-03-25 12:52:11');

$myBookingNoteID = $client->createBookingNote("username","password",
                                             $booking_note);

if($myBookingNoteID instanceof SoapFault || $myBookingNoteID < 1) {
    echo "SOAP Fault: ".$myBookingNoteID->faultstring;
} else {
    echo "Failed to create booking note";
}
```

RETURNS

```
booking_note_id As Integer
```

6.3 Method: updateBooking

This function can be used to update an existing booking record. It will return 100 on success.

6.3.1 Example: updateBooking

Function: `updateBooking(username As String, password As String, booking As BookingSOAP.bookingObject, booking_areas() As Integer) status As Integer`

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBooking As New BookingSOAP.bookingStruct
    Dim myBookingAreas(2) As Integer
    Dim mySuccess As New Integer

   'load a previous booking object
    myBooking = myService.getBooking("username","password", 4)

    'change the booking_stage_value to 10
    myBooking.booking.booking_stage_value = 10

    'change the booking areas
    myBookingAreas(0) = 98
    myBookingAreas(1) = 101
    myBookingAreas(2) = 102
    myBooking.booking_areas = myBookingAreas

    'add / change some extended booking data fields
    myBooking.booking.booking_data_element_03 = "wine"
    myBooking.booking.booking_data_element_20 = "" ' clear previous value

    'commit changes to database
    mySuccess = myService.updateBooking("username","password",
                                         myBooking.booking,
                                         myBooking.booking_areas)

    If mySuccess.Equals(100) Then
        MsgBox("Successfully updated booking")
    Else
        MsgBox("Failed to get booking.")
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl", array("trace"=>1,"exceptions"=>0));

// load bookingID 5 data
$bookingStruct = $client->getBooking("username","password",5);

// update some of the loaded values
$bookingStruct->booking->booking_stage_value = '10';
$bookingStruct->booking->booking_data_element_03 = 'cocktails';

// clear previous value
$bookingStruct->booking->booking_data_element_20 = '';

// reserve a different set of areas
$bookingStruct->booking_areas = array('98','99','101');

// attempt to commit changes
$myBookingID = $client->updateBooking("username","password",
                                       $bookingStruct->booking,
                                       $bookingStruct->booking_areas);

if($myBookingID instanceof SoapFault) {
    echo "SOAP Fault: ".$myBookingID->faultstring;
} elseif($myBookingID == '100') {
    echo "Successfully updated booking record";
} else {
    echo "Failed to update booking";
}
```

RETURNS

```
100 As Integer
```

6.4 Method: getBooking

This function can be used to fetch a single,specific, booking record.

6.4.1 Example: getBooking

Function: `getBooking(username As String, password As String, booking_id As Integer) As BookingSOAP.bookingStruct`

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBooking As New BookingSOAP.bookingStruct
    myBooking = myService.getBooking("username","password", 5)

    If myBooking.booking Is Nothing Then
        MsgBox("Failed to get booking.")
    Else
        MsgBox("Success, booking_contact_id: " &
               myBooking.booking.booking_contact_id & " first area: " &
               myBooking.booking_areas(0))
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl", array("trace"=>1,"exceptions"=>0));

// load bookingID 5 data
$myBookingStruct = $client->getBooking("username","password",5);

if($myBookingStruct instanceof SoapFault) {
    echo "SOAP Fault: ".$myBookingStruct->faultstring;
} elseif(isset($myBookingStruct->booking->booking_id)) {
    echo "Successfully received booking data";
} else {
  echo "Failed to get booking";
}
```

RETURNS

```
Object As BookingSOAP.bookingStruct
```

6.5 Method: getBookings

This function can be used to fetchmultiple booking records in their basic form. Results may be sorted by a chosen field and offset limit values provide for paging. The maximum limit value will be restricted to 25 records per query.

6.5.1 Example: getBookings

Function:
```
getBookings(username As String, password As String,
booking_equal_arguments As BookingSOAP.bookingObject,
booking_greater_equal_arguments As BookingSOAP.bookingObject,
booking_less_equal_arguments As BookingSOAP.bookingObject,booking_in_sql_arguments
As BookingSOAP.bookingObjectInSQL,
result_options As BookingSOAP.resultOptions) As BookingSOAP.bookingStruct()
```

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBookings() As BookingSOAP.bookingStruct
    Dim myBookingEqualsArgs As New BookingSOAP.bookingObject
    Dim myBookingGreaterThanArgs As New BookingSOAP.bookingObject
    Dim myBookingLessThanArgs As New BookingSOAP.bookingObject
    Dim myBookingInSQLArgs As New BookingSOAP.bookingObjectInSQL
    Dim myResultOptions As New BookingSOAP.resultOptions
    ' restrict to unitID 67
    myBookingEqualsArgs.booking_unit_id = 67
    myBookingEqualsArgs.booking_unit_idSpecified = True
    ' set filter to be enquiries in  month of "March 2013"
    myBookingGreaterThanArgs.booking_enquiry_datetime = "2013-03-01 00:00:00"
    myBookingLessThanArgs.booking_enquiry_datetime = "2013-03-31 23:59:59"
    myBookings = myService.getBookings("username","password",
                                        myBookingEqualsArgs,
                                        myBookingGreaterThanArgs,
                                        myBookingLessThanArgs,
                                        myBookingInSQLArgs, myResultOptions)
    If myBookings.Length < 1 Then
        MsgBox("Failed to get any bookings.")
    Else
        MsgBox("Success, found "&myBookings.Length &" records, "&
               "First result booking_id: " &
               myBookings(0).booking.booking_id & " with area count: " &
               myBookings(0).booking_areas.Length)
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```php
$client = new SoapClient("../Bookings.wsdl",array("trace"=>1,"exceptions"=>0));

$myBookingEqualsArgs = array(); // exact match args

// restrict to unitIDs 67,68 and 69
$myBookingInSQLArgs['booking_unit_id'] = '67,68,69';

// set filter to be enquiries in  month of "March 2013"
$myBookingGreaterThanArgs['booking_enquiry_datetime'] = "2013-03-01 00:00:00";
$myBookingLessThanArgs['booking_enquiry_datetime'] = "2013-03-31 23:59:59";

// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'booking_enquiry_datetime';
$myResultOptions['sort_direction'] = 'desc';
$myResultOptions['result_limit'] = '10';
$myResultOptions['result_offset'] = '0';

// run search
$myBookings = $client->getBookings("username","password",$myBookingEqualsArgs,
                                   $myBookingGreaterThanArgs,
                                   $myBookingLessThanArgs,
                                   $myBookingInSQLArgs,
                                   $myResultOptions);

if($myBookings instanceof SoapFault) {
    echo "SOAP Fault: ".$myBookings->faultstring;
} elseif(count($myBookings) >= '1') {
    echo "Success, found: ".count($myBookings);
} else {
    echo "Failed to find any bookings for given criteria";
}
```

RETURNS

```
Object As BookingSOAP.bookingStruct()
```

6.6 Method: getBookingsCount

This function can be used to return a total count of booking records available via a getBookings() call.

6.6.1 Example: getBookingsCount

Function: `getBookingsCount(username As String, password As String, booking_equal_arguments As BookingSOAP.bookingObject, booking_greater_equal_arguments As BookingSOAP.bookingObject, booking_less_equal_arguments As BookingSOAP.bookingObject,booking_in_sql_arguments As BookingSOAP.bookingObjectInSQL, result_options As BookingSOAP.resultOptions) count As Integer`

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myCount As Integer
    Dim myBookingEqualsArgs As New BookingSOAP.bookingObject
    Dim myBookingGreaterThanArgs As New BookingSOAP.bookingObject
    Dim myBookingLessThanArgs As New BookingSOAP.bookingObject
    Dim myBookingInSQLArgs As New BookingSOAP.bookingObjectInSQL
    Dim myResultOptions As New BookingSOAP.resultOptions
    ' restrict to unitID 67
    myBookingEqualsArgs.booking_unit_id = 67
    myBookingEqualsArgs.booking_unit_idSpecified = True
    ' set filter to be enquiries in  month of "March 2013"
    myBookingGreaterThanArgs.booking_enquiry_datetime = "2013-03-01 00:00:00"
    myBookingLessThanArgs.booking_enquiry_datetime = "2013-03-31 23:59:59"
    myCount = myService.getBookingsCount("username","password",
                                         myBookingEqualsArgs,
                                         myBookingGreaterThanArgs,
                                         myBookingLessThanArgs,
                                         myBookingInSQLArgs, myResultOptions)
    If myCount >= 1 Then
        MsgBox("Found " & myCount & " bookings.")
    Else
        MsgBox("No bookings found.")
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl",array("trace"=>1,"exceptions"=>0));

$myBookingEqualsArgs = array(); // exact match args

// restrict to unitIDs 67,68 and 69
$myBookingInSQLArgs['booking_unit_id'] = '67,68,69';

// set filter to be enquiries in  month of "March 2013"
$myBookingGreaterThanArgs['booking_enquiry_datetime'] = "2013-03-01 00:00:00";
$myBookingLessThanArgs['booking_enquiry_datetime'] = "2013-03-31 23:59:59";

// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'booking_enquiry_datetime';
$myResultOptions['sort_direction'] = 'desc';
$myResultOptions['result_limit'] = '10';
$myResultOptions['result_offset'] = '0';

// run search
$myCount = $client->getBookingsCount("username","password",$myBookingEqualsArgs,
                                     $myBookingGreaterThanArgs,
                                     $myBookingLessThanArgs, $myResultOptions);

if($myCount instanceof SoapFault) {
    echo "SOAP Fault: ".$myCount->faultstring;
} elseif($myCount >= '1') {
    echo "Success, found: ". $myCount;
} else {
    echo "Failed to find any bookings for given criteria";
}
```

RETURNS

Count As Integer

6.7 Method: getBookingNotes

This function can be used to fetch all notes for a single booking record. A booking note with a booking_note_pt_user_id equal to “0” are customer generated comments.

6.7.1 Example: getBookingNotes

Function: `getBookingNotes(username As String, password As String, booking_id As Integer) As BookingSOAP.bookingNoteObject()`

.NET

```
Try

    Dim myService As New BookingSOAP.BookingManager
    Dim myBookingNotes(0) As BookingSOAP.bookingNoteObject

    myBookingNotes = myService.getBookingNotes("username","password", 2)

    If myBookingNotes.Length >= 1 Then
        MsgBox("Success, 1st element booking_note_text: " &
               myBookingNotes(0).booking_note_text)
    Else
        MsgBox("No booking notes for booking_id.")
    End If

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

.PHP

```
$client = new SoapClient("../Bookings.wsdl", array("trace"=>1,"exceptions"=>0));

// load bookingID 5 notes
$myBookingNotes = $client->getBookingNotes("username","password",5);

if($myBookingNotes instanceof SoapFault) {
    echo "SOAP Fault: ".$myBookingNotes->faultstring;
} elseif(count($myBookingNotes) >= 1) {
    echo "Successfully received booking data";
} else {
    echo "No booking notes for booking id";
}
```

RETURNS

`Object As BookingSOAP.bookingNoteObject()`

6.8 Method: getBookingTypes

This function can be used to fetch all available booking types and their associated IDs. This is for look up purposes only – if you require a new booking type please contact support@airship.co.uk with your request.

6.8.1 Example: getBookingTypes

Function: `getBookingTypes(username As String, password As String) As BookingSOAP.bookingTypeObject()`

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBookingTypes() As BookingSOAP.bookingTypeObject
    myBookingTypes = myService.getBookingTypes("username","password")
    If myBookingTypes.Length < 1 Then
        MsgBox("Failed to get booking types.")
    Else
        MsgBox("Success, first booking_type_id: " &
                myBookingTypes(0).booking_type_id & " type name: " &
                myBookingTypes(0).booking_type_name)
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl", array("trace"=>1,"exceptions"=>0));

$myBookingTypes = $client->getBookingTypes("username","password");
if($myBookingTypes instanceof SoapFault) {
    echo "SOAP Fault: ".$myBookingTypes->faultstring;
} elseif(count($myBookingTypes) >= 1) {
    echo "Successfully received booking types";
} else {
    echo "No booking types??";
}
```

RETURNS

```
Object As BookingSOAP.bookingTypeObject()
```

6.9 Method: getBookingSources

This function can be used to fetch all available booking sources and their associated IDs. This is for look up purposes only – if you require a new booking source please contact support@airship.co.uk with your request.

6.9.1 Example: getBookingSources

Function: `getBookingSources(username As String, password As String) As BookingSOAP.bookingSourceObject()`

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBookingSources() As BookingSOAP.bookingSourceObject
    myBookingSources = myService.getBookingSources("username","password")
    If myBookingSources.Length < 1 Then
        MsgBox("Failed to get booking sources.")
    Else
        MsgBox("Success, first booking_source_id: " &
                myBookingSources(0).booking_enquiry_source_id & " source name: "
                & myBookingSources(0).booking_enquiry_source_name)
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl", array("trace"=>1,"exceptions"=>0));
$myBookingSources = $client->getBookingSources("username","password");

if($myBookingSources instanceof SoapFault) {
    echo "SOAP Fault: ".$myBookingSources->faultstring;
} elseif(count($myBookingSources) >= 1) {
    echo "Successfully received booking sources";
} else {
    echo "No booking sources?";
}
```

RETURNS

```
Object As BookingSOAP.bookingSourceObject()
```

6.10 Method: createBookingEnquiry

This function can be used to add a new "booking enquiry" record, it will return the provided bookingID on success. Before calling the function we must have a valid contact_id – if this is a new contact the createContact must be called first to obtain a new contact_id.

A "booking enquiry" is the same as a booking except "party_size" and "booking_party_datetime" are not required. To update booking enquiries and create notes for "booking enquiries" you may still use other booking API calls.

6.10.1 Example: createBookingEnquiry

Function: `createBookingEnquiry(username As String, password As String, booking As BookingSOAP.bookingEnquiryObject, booking_areas() As Integer) booking_id As Integer`

.NET

```
Try
    Dim myService As New BookingSOAP.BookingManager
    Dim myBooking As New BookingSOAP.bookingEnquiryObject
    Dim myBookingAreas(1) As Integer
    Dim myBookingID As Integer
    myBookingAreas(0) = "101" ' reserve area 101 and 102"
    myBookingAreas(1) = "102" ' reserve area 101 and 102
    myBooking.booking_contact_id = "5282391"
    myBooking.booking_contact_idSpecified = True
    myBooking.booking_enquiry_source_id = "2"
    myBooking.booking_enquiry_source_idSpecified = True
    myBooking.booking_stage_value = "1"
    myBooking.booking_stage_valueSpecified = True
    myBooking.booking_type_id = "2"
    myBooking.booking_type_idSpecified = True
    myBooking.booking_unit_id = "67"
    myBooking.booking_unit_idSpecified = True
    myBooking.booking_deposit_paid = 0
    myBooking.booking_deposit_paidSpecified = True
    myBooking.booking_hpbr_drink = 0
    myBooking.booking_hpbr_drinkSpecified = True
    myBooking.booking_hpbr_food = 0
    myBooking.booking_hpbr_foodSpecified = True
    myBooking.booking_hpbr_entertainment = 0
    myBooking.booking_hpbr_entertainmentSpecified = True

    myBooking.booking_enquiry_datetime = "2013-03-21 21:00:06"
    myBooking.booking_data_element_03 = "beer"
    myBooking.booking_data_element_20 = "steak"
    myBookingID = myService.createBookingEnquiry("username", "password",
                                             myBooking, myBookingAreas)

    If myBookingID >= 1 Then
        MsgBox("Success, booking_id: " & myBookingID)
    Else
        MsgBox("Failed to create booking.")
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Bookings.wsdl",array("trace"=>1,"exceptions"=>0));

$booking = array(
   'booking_contact_id'=>'5282391',
   'booking_enquiry_source_id'=>'2',
   'booking_stage_value'=> '1',
   'booking_type_id'=> '2',
   'booking_unit_id'=> '67',
   'booking_enquiry_datetime'=> "2013-03-21 21:00:06",
   'booking_deposit_paid'=> '0',
   'booking_hpbr_drink'=> '0',
   'booking_hpbr_food'=> '0',
   'booking_hpbr_entertainment'=> '0',
   'booking_data_element_03'=> "wine",
   'booking_data_element_20'=> "chicken" );

$booking_areas = array('108','109');

$myBookingID = $client->createBookingEnquiry("username","password",
                                             $booking,$booking_areas);

if($myBookingID instanceof SoapFault || $myBookingID < '1') {
    echo "SOAP Fault: ".$myBookingID->faultstring;
} else {
    echo "Success, new booking_id: ".$myBookingID;
}
```

RETURNS

```
booking_id As Integer
```

Search API

The search api allows basic searches to be performed on contact records.

File: https://secure.airship.co.uk/SOAP/V3/Search.wsdl **Namespace:** SearchSOAP

7.1 Method: searchContactEmail

This function can be used to obtain an existing contact record, you must however provide the full email address of the contact in the call.

7.1.1 Example: searchContactEmail

Function: searchContactEmail (username As String, password As String, email As String) As SearchSOAP.contactStruct

.NET

```
Try

    Dim myService As New SearchSOAP.SearchManager
    Dim myContact As New SearchSOAP.contactStruct

    myContact = myService.searchContactEmail("username", "password",
                                             "find@example.com")

    If myContact Is Nothing Then
        MsgBox("searchContact found no contact.")
    Else
        MsgBox("searchContact Success, element email: " &
                myContact.email)
    End If

Catch ex As Exception

    MsgBox("searchContactExample() Exception: " + ex.Message)

End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);

$myContact = $client->searchContactEmail("username","password",
                                         "find@example.com" );

if(!isset($myContact->contactid)) {
    echo "Failed: ".$myContact;
} else {
    echo "Success, element email: ".$myContact->email;
}
```

RETURNS

```
object->contactid As Integer
object->uid As String
object->title As String
object->firstname As String
object->lastname As String
object->gender As String
object->dob As String
object->mobilenumber As String
object->landnumber As String
object->email As String
object->buildingname As String
object->buildingnumstreet As String
object->city As String
object->locality As String
object->county As String
object->postcode As String
object->country As String
object->membershiptype As String
object->membershipnumber As String
object->allowsms As String
object->allowemail As String
object->allowsnailmail As String
object->allowcall As String
object->sourceid As String
object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
object->groups As Array of Integers
```

7.2 Method: searchContactMobile

This function can be used to obtain an existing contact record, you must however provide the full mobile telephone number of the contact in the call.

7.2.1 Example: searchContactMobile

Function: `searchContactMobile (username As String, password As String, mobilenumber As String) As SearchSOAP.contactStruct`

.NET

```
        Try

            Dim myService As New SearchSOAP.SearchManager
            Dim myContact As New SearchSOAP.contactStruct

            myContact = myService.searchContactMobile("username", "password",
                                                      "4477111111")

            If myContact Is Nothing Then
                MsgBox("searchContact found no contact.")
            Else
                MsgBox("searchContact Success, element email: " &
                        myContact.email)
            End If

        Catch ex As Exception

            MsgBox("searchContactExample() Exception: " + ex.Message)

        End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);

$myContact = $client->searchContactMobile("username","password",
                                          "4477111111");

if(!isset($myContact->contactid)) {
    echo "Failed: ".$myContact;
} else {
    echo "Success, element email: ".$myContact->email;
}
```

RETURNS

```
object->contactid As Integer
object->uid As String
object->title As String
object->firstname As String
object->lastname As String
object->gender As String
object->dob As String
object->mobilenumber As String
object->email As String
object->buildingname As String
object->buildingnumstreet As String
object->city As String
object->locality As String
object->county As String
object->postcode As String
object->country As String
object->membershiptype As String
object->membershipnumber As String
object->allowsms As String
object->allowemail As String
object->allowsnailmail As String
object->allowcall As String
object->sourceid As String
object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
object->groups As Array of Integers
```

7.3 Method: searchContactName

This function can be used to find existing contact records, you must however provide a searcharble string in either firstname, lastname or both. If you only provide a firstname or lastname you must provide the other as a blank string ie. ""

7.3.1 Example: searchContactName

Function: `searchContactName (username As String, password As String, fistname As String, lastname As string, result_options As SearchSOAP.resultOptions) As SearchSOAP.contactStruct()`

.NET

```
    Try
        Dim myService As New SearchSOAP.SearchManager
        Dim myResponse(0) As SearchSOAP.ContactData
        Dim myResultOptions As New SearchSOAP.resultOptions

        myResultOptions.result_offset = "0"
        myResultOptions.result_offsetSpecified = True

        myResultOptions.result_limit = "10"
        myResultOptions.result_limitSpecified = True

        myResultOptions.sort_by_element_name = "Firstname"
        myResultOptions.sort_direction = "desc"

        myContacts = myService.searchContactName("username", "password",
                                                 "", "Smith",
                                                 myResultOptions)

        If myContacts.Length >= 1 Then
            MsgBox("first row contactid: " & myResponse(0).contactid)
        Else
            MsgBox("nothing found")
        End If

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

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);
// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'Firstname';
$myResultOptions['sort_direction'] = 'desc';
$myResultOptions['result_limit'] = '10';
$myResultOptions['result_offset'] = '0';

$myResponse = $client->searchContactName("username", "password",
                                        "john","smith", $myResultOptions);
if($myResponse instanceof SoapFault) {
    die("Exception: ".$myResponse->getMessage());
} elseif(is_array($myResponse)) {
    echo "<pre>response: ".print_r($myResponse,1)."</pre>";
} else {
    echo "bad response: ".$myResponse;
}
```

RETURNS

```
Array of Object (
  object->contactid As Integer
  object->uid As String
  object->title As String
  object->firstname As String
  object->lastname As String
  object->gender As String
  object->dob As String
  object->mobilenumber As String
  object->landnumber As String
  object->email As String
  object->buildingname As String
  object->buildingnumstreet As String
  object->city As String
  object->locality As String
  object->county As String
  object->postcode As String
  object->country As String
  object->membershiptype As String
  object->membershipnumber As String
  object->allowsms As String
  object->allowemail As String
  object->allowsnailmail As String
  object->allowcall As String
  object->sourceid As String
  object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
  object->groups As Array of Integers
)
```

7.4 Method: searchContactDOB

This function can be used to find existing contact records based on their date of birth. you must provide an operator and a date string. Operators can be one of the following: = (equals) > (greater than) < (less than)

7.4.1 Example: searchContactDOB

Function: searchContactDOB (username As String, password As String, dob As String, operator As string, result_options As SearchSOAP.resultOptions) As SearchSOAP.contactStruct()

.NET

```
    Try
        Dim myService As New SearchSOAP.SearchManager
        Dim myResponse(0) As SearchSOAP.ContactData
        Dim myResultOptions As New SearchSOAP.resultOptions

        myResultOptions.result_offset = "0"
        myResultOptions.result_offsetSpecified = True

        myResultOptions.result_limit = "20"
        myResultOptions.result_limitSpecified = True

        myResultOptions.sort_by_element_name = "DOB"
        myResultOptions.sort_direction = "asc"

        myContacts = myService.searchContactDOB("username", "password",
                                                "1992-12-22",">=",
                                                myResultOptions)

        If myContacts.Length >= 1 Then
            MsgBox("first row contactid: " & myResponse(0).contactid)
        Else
            MsgBox("nothing found")
        End If

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

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
    $client = new SoapClient($wsdl);
    // add some extra result option arguments
    $myResultOptions['sort_by_element_name'] = 'DOB';
    $myResultOptions['sort_direction'] = 'asc';
    $myResultOptions['result_limit'] = '20';
    $myResultOptions['result_offset'] = '0';
    $myResponse = $client->searchContactDOB("username", "password",
                                        "1992-12-22",">=",$myResultOptions);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_array($myResponse)) {
        echo "<pre>response: ".print_r($myResponse,1)."</pre>";
    } else {
        echo "bad response: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
  object->contactid As Integer
  object->uid As String
  object->title As String
  object->firstname As String
  object->lastname As String
  object->gender As String
  object->dob As String
  object->mobilenumber As String
  object->landnumber As String
  object->email As String
  object->buildingname As String
  object->buildingnumstreet As String
  object->city As String
  object->locality As String
  object->county As String
  object->postcode As String
  object->country As String
  object->membershiptype As String
  object->membershipnumber As String
  object->allowsms As String
  object->allowemail As String
  object->allowsnailmail As String
  object->allowcall As String
  object->sourceid As String
  object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
  object->groups As Array of Integers
)
```

7.5 Method: searchContactUDF

This function can be used to find existing contact records with a UDF field matching the specified value. It is advised that this call only be made on UDF fields which are set as Unique. Other UDF fields may take longer to return results.

7.5.1 Example: searchContactUDF

Function: `searchContactUDF (username As String, password As String, udfnameid As Integer, udfvalue As String, result_options As SearchSOAP.resultOptions) As SearchSOAP.contactStruct()`

.NET

```
    Try
        Dim myService As New SearchSOAP.SearchManager
        Dim myResponse(0) As SearchSOAP.ContactData
        Dim myResultOptions As New SearchSOAP.resultOptions

        myResultOptions.result_offset = "0"
        myResultOptions.result_offsetSpecified = True

        myResultOptions.result_limit = "50"
        myResultOptions.result_limitSpecified = True

        myResultOptions.sort_by_element_name = "ContactID"
        myResultOptions.sort_direction = "asc"

        myContacts = myService.searchContactUDF("username", "password",
                                                "1234","member",
                                                myResultOptions)

        If myContacts.Length >= 1 Then
            MsgBox("first row contactid: " & myResponse(0).contactid)
        Else
            MsgBox("nothing found")
        End If

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

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);
// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'ContactID';
$myResultOptions['sort_direction'] = 'asc';
$myResultOptions['result_limit'] = '50';
$myResultOptions['result_offset'] = '0';
$myResponse = $client->searchContactUDF("username", "password",
                                        "1234","member",$myResultOptions);
if($myResponse instanceof SoapFault) {
    die("Exception: ".$myResponse->getMessage());
} elseif(is_array($myResponse)) {
    echo "<pre>response: ".print_r($myResponse,1)."</pre>";
} else {
    echo "bad response: ".$myResponse;
}
```

RETURNS

```
Array of Object (
  object->contactid As Integer
  object->uid As String
  object->title As String
  object->firstname As String
  object->lastname As String
  object->gender As String
  object->dob As String
  object->mobilenumber As String
  object->landnumber As String
  object->email As String
  object->buildingname As String
  object->buildingnumstreet As String
  object->city As String
  object->locality As String
  object->county As String
  object->postcode As String
  object->country As String
  object->membershiptype As String
  object->membershipnumber As String
  object->allowsms As String
  object->allowemail As String
  object->allowsnailmail As String
  object->allowcall As String
  object->sourceid As String
  object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
  object->groups As Array of Integers
)
```

7.6 Method: searchContactUpdated

This function can be used to find existing contact records that have been updated since the given "timestamp" value.

7.6.1 Example: searchContactUpdated

Function: `searchContactUpdated (username As String, password As String, timestamp As Integer, result_options As SearchSOAP.resultOptions) As SearchSOAP.contactStruct()`

.NET

```
    Try
        Dim myService As New SearchSOAP.SearchManager
        Dim myResponse(0) As SearchSOAP.ContactData
        Dim myResultOptions As New SearchSOAP.resultOptions

        myResultOptions.result_offset = "0"
        myResultOptions.result_offsetSpecified = True

        myResultOptions.result_limit = "50"
        myResultOptions.result_limitSpecified = True

        myResultOptions.sort_by_element_name = "ContactID"
        myResultOptions.sort_direction = "asc"

        myResponse = myService.searchContactUpdated("username", "password",
                                                    "1340695138",
                                                    myResultOptions)
        If myContacts.Length >= 1 Then
            MsgBox("first row contactid: " & myResponse(0).contactid)
        Else
            MsgBox("nothing found")
        End If

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

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
    $client = new SoapClient($wsdl);
    // add some extra result option arguments
    $myResultOptions['sort_by_element_name'] = 'ContactID';
    $myResultOptions['sort_direction'] = 'desc';
    $myResultOptions['result_limit'] = '10';
    $myResultOptions['result_offset'] = '0';
    $myResponse = $client->searchContactUpdated("username", "password",
                                            "1340695138",$myResultOptions);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_array($myResponse)) {
        echo "<pre>response: ".print_r($myResponse,1)."</pre>";
    } else {
        echo "bad response: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
  object->contactid As Integer
  object->uid As String
  object->title As String
  object->firstname As String
  object->lastname As String
  object->gender As String
  object->dob As String
  object->mobilenumber As String
  object->landnumber As String
  object->email As String
  object->buildingname As String
  object->buildingnumstreet As String
  object->city As String
  object->locality As String
  object->county As String
  object->postcode As String
  object->country As String
  object->membershiptype As String
  object->membershipnumber As String
  object->allowsms As String
  object->allowemail As String
  object->allowsnailmail As String
  object->allowcall As String
  object->sourceid As String
  object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
  object->groups As Array of Integers
)
```

7.7 Method: searchContactAdded

This function can be used to find existing contact records that have been added since the given “timestamp” value.

7.7.1 Example: searchContactAdded

Function: `searchContactAdded (username As String, password As String, timestamp As Integer, result_options As SearchSOAP.resultOptions) As SearchSOAP.contactStruct()`

.NET

```
    Try
        Dim myService As New SearchSOAP.SearchManager
        Dim myResponse(0) As SearchSOAP.ContactData
        Dim myResultOptions As New SearchSOAP.resultOptions

        myResultOptions.result_offset = "0"
        myResultOptions.result_offsetSpecified = True

        myResultOptions.result_limit = "50"
        myResultOptions.result_limitSpecified = True

        myResultOptions.sort_by_element_name = "ContactID"
        myResultOptions.sort_direction = "asc"

        myResponse = myService.searchContactAdded("username", "password",
                                                    "1340695138",
                                                    myResultOptions)
        If myContacts.Length >= 1 Then
            MsgBox("first row contactid: " & myResponse(0).contactid)
        Else
            MsgBox("nothing found")
        End If

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

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);
// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'ContactID';
$myResultOptions['sort_direction'] = 'desc';
$myResultOptions['result_limit'] = '10';
$myResultOptions['result_offset'] = '0';
$myResponse = $client->searchContactAdded("username", "password",
                                           "1340695138",$myResultOptions);
if($myResponse instanceof SoapFault) {
    die("Exception: ".$myResponse->getMessage());
} elseif(is_array($myResponse)) {
    echo "<pre>response: ".print_r($myResponse,1)."</pre>";
} else {
    echo "bad response: ".$myResponse;
}
```

RETURNS

```
Array of Object (
  object->contactid As Integer
  object->uid As String
  object->title As String
  object->firstname As String
  object->lastname As String
  object->gender As String
  object->dob As String
  object->mobilenumber As String
  object->landnumber As String
  object->email As String
  object->buildingname As String
  object->buildingnumstreet As String
  object->city As String
  object->locality As String
  object->county As String
  object->postcode As String
  object->country As String
  object->membershiptype As String
  object->membershipnumber As String
  object->allowsms As String
  object->allowemail As String
  object->allowsnailmail As String
  object->allowcall As String
  object->sourceid As String
  object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
  object->groups As Array of Integers
)
```

7.8 Method: searchContactGroups

This function can be used to find existing contact records that are assigned to a specific groupID or set of groupIDs.

7.8.1 Example: searchContactGroups

Function: searchContactGroups (username As String, password As String, group_ids As Array of Integer, result_options As SearchSOAP.resultOptions) As SearchSOAP.contactStruct()

.NET

```
Try

    Dim myService As New SearchSOAP.SearchManager
    Dim myContacts() As SearchSOAP.contactObject
    Dim myResultOptions As New SearchSOAP.resultOptions
    Dim groupIDs(1) As Integer
    groupIDs(0) = 275
    groupIDs(1) = 277

    myResultOptions.result_offset = "0"
    myResultOptions.result_offsetSpecified = True
    myResultOptions.result_limit = "10"
    myResultOptions.result_limitSpecified = True
    myResultOptions.sort_by_element_name = "Firstname"
    myResultOptions.sort_direction = "desc"

    myContacts = myService.searchContactGroups("username", "password",
                                                groupIDs, myResultOptions)
    If myContacts.Length >= 1 Then
        MsgBox("searchContact Success, element email: " &
                                   myContacts(0).email)
    Else
        MsgBox("no contacts found")
    End If

Catch ex As Exception

    MsgBox("exception: " + ex.Message)

End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);
// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'ContactID';
$myResultOptions['sort_direction'] = 'desc';
$myResultOptions['result_limit'] = '10';
$myResultOptions['result_offset'] = '0';
$myResponse = $client->searchContactGroups("username", "password",
                                           array(275,277),$myResultOptions);
if($myResponse instanceof SoapFault) {
    die("Exception: ".$myResponse->getMessage());
} elseif(is_array($myResponse)) {
    echo "<pre>response: ".print_r($myResponse,1)."</pre>";
} else {
    echo "bad response: ".$myResponse;
}
```

RETURNS

```
Array of Object (
  object->contactid As Integer
  object->uid As String
  object->title As String
  object->firstname As String
  object->lastname As String
  object->gender As String
  object->dob As String
  object->mobilenumber As String
  object->landnumber As String
  object->email As String
  object->buildingname As String
  object->buildingnumstreet As String
  object->city As String
  object->locality As String
  object->county As String
  object->postcode As String
  object->country As String
  object->membershiptype As String
  object->membershipnumber As String
  object->allowsms As String
  object->allowemail As String
  object->allowsnailmail As String
  object->allowcall As String
  object->sourceid As String
  object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
  object->groups As Array of Integers
)
```

7.9 Method: searchContactPostCode

This function can be used to find existing contact records that match the given postcode. Postcode can be passed in as either the first part (region) or as a full postcode.

7.9.1 Example: searchContactGroups

Function: `searchContactGroups (username As String, password As String, postcode As String, result_options As SearchSOAP.resultOptions) As SearchSOAP.contactStruct()`

.NET

```
Try

    Dim myService As New SearchSOAP.SearchManager
    Dim myContacts() As SearchSOAP.contactObject
    Dim myResultOptions As New SearchSOAP.resultOptions
    Dim postcode As String
    postcode = "S11 7EB"

    myResultOptions.result_offset = "0"
    myResultOptions.result_offsetSpecified = True
    myResultOptions.result_limit = "10"
    myResultOptions.result_limitSpecified = True
    myResultOptions.sort_by_element_name = "Firstname"
    myResultOptions.sort_direction = "desc"

    myContacts = myService.searchContactPostCode("username", "password",
                                                  postcode, myResultOptions)
    If myContacts.Length >= 1 Then
        MsgBox("searchContact Success, element email: " &
                myContacts(0).email)
    Else
        MsgBox("no contacts found")
    End If

Catch ex As Exception

    MsgBox("exception: " + ex.Message)

End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
    $client = new SoapClient($wsdl);
    // add some extra result option arguments
    $myResultOptions['sort_by_element_name'] = 'ContactID';
    $myResultOptions['sort_direction'] = 'desc';
    $myResultOptions['result_limit'] = '10';
    $myResultOptions['result_offset'] = '0';
    $myResponse = $client->searchContactPostCode("username", "password",
                                                 "S11 7EB",$myResultOptions);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_array($myResponse)) {
        echo "<pre>response: ".print_r($myResponse,1)."</pre>";
    } else { echo "bad response: ".$myResponse; }
```

RETURNS

```
Array of Object (
  object->contactid As Integer
  object->uid As String
  object->title As String
  object->firstname As String
  object->lastname As String
  object->gender As String
  object->dob As String
  object->mobilenumber As String
  object->landnumber As String
  object->email As String
  object->buildingname As String
  object->buildingnumstreet As String
  object->city As String
  object->locality As String
  object->county As String
  object->postcode As String
  object->country As String
  object->membershiptype As String
  object->membershipnumber As String
  object->allowsms As String
  object->allowemail As String
  object->allowsnailmail As String
  object->allowcall As String
  object->sourceid As String
  object->udfs As Array of Objects (o->udfnameid, o->data, o->type)
  object->groups As Array of Integers
)
```

7.10 Method: searchContactGroupsCount

This function can be used to count existing contact records that are assigned to a specific groupID or set of groupIDs.

7.10.1 Example: searchContactGroupsCount

Function: `searchContactGroupsCount (username As String, password As String, group_ids As Array of Integer) As Integer`

.NET

```
Try
    Dim myService As New SearchSOAP.SearchManager
    Dim myCount As Integer
    Dim groupIDs(1) As Integer
    groupIDs(0) = 275
    groupIDs(1) = 277
    myCount = myService.searchContactGroupsCount("username", "password",
                                                 groupIDs)
    If myCount >= 1 Then
        MsgBox("found " & myCount & "contacts")
    Else
        MsgBox("no contacts found")
    End If
Catch ex As Exception

    MsgBox("exception: " + ex.Message)

End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->searchContactGroupsCount("username", "password",
                                                array(275,277));
if($myResponse instanceof SoapFault) {
    die("exception: ".$myResponse->getMessage());
} elseif($myResponse >= 1) {
    echo "<pre>found: ". $myResponse." records</pre>";
} else {
    echo "<pre>no records found</pre>";
}
```

RETURNS

```
Count As Integer
```

7.11 Method: searchContactsByEmail

This function can be used to locate possible contact matches, you must however provide the first 3 characters of the email address in the call to this function.

7.11.1 Example: searchContactsByEmail

Function: `searchContactsByEmail (username As String, password As String, emailpart As String) As Array of SearchSOAP.contactMinObject()`

.NET

```
Try

    Dim myService As New SearchSOAP.SearchManager
    Dim myContacts() As New SearchSOAP. ContactMinObject
    myContact = myService.searchContactsByEmail("username", "password",
                                                "abc")
    If myContacts Is Nothing Then
        MsgBox("searchContact found no contact.")
    Else
        MsgBox("first record email: " & myContacts(0).email)
    End If

Catch ex As Exception
    MsgBox("searchContactExample() Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Search.wsdl";
$client = new SoapClient($wsdl);

$myContacts = $client->searchContactsByEmail("username","password","abc");

if(!isset($myContacts[0]->contactid)) {
    echo "nothing found";
} else {
    echo "Success, ".print_r($myContacts,1);
}
```

RETURNS

```
Array of Object (
    object->contactid As Integer
    object->firstname As String
    object->lastname As String
    object->email As String )
```

Export Call List API

The export call list api allows for retrieval of, “phone call” broadcast type, contact data sets. It also provides a mechanism for acknowledging reciept of contact data set chunks.

File: https://secure.airship.co.uk/SOAP/V3/CallList.wsdl **Namespace:** callListSOAP

8.1 Method: getCallLists

This function is used to fetch a list of currently unprocessed and part processed data sets, it will provide a unique result set ID for each set of data currently awaiting export, along with the number of processed and unprocessed contacts along with the date and time of broadcast.

8.1.1 Example: getCallLists

Function: `getCallLists(username As String, password As String) As callListSOAP.callListObject()`

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/CallList.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->getCallLists("username","password");

if($myResponse instanceof SoapFault) {
    echo "SOAP Fault: ".$myResponse->faultstring;
} elseif(count($myResponse) >= '1') {
    echo "Success, found: ".count($myResponse);
} else {
    echo "Failed to find any call lists";
}
```

RETURNS

```
Array of Object (
    object->call_list_id  As Integer
    object->call_list_broadcast_id  As Integer
    object->call_list_unit_id  As Integer
    object->call_list_name As string
    object->call_list_ref As String
    object->call_list_created As String
    object->call_list_queued_calls As Integer
    object->call_list_dequeued_calls As Integer
    object->call_list_total_calls As Integer
    object->call_list_broadcast_type As String
)
```

8.2 Method: getCallListItems

This function can be used to retrieve a block of contact data from a data set. The block size is hard limited to 250 contact records per call. Multiple calls must be made in order to extract all contact records from a large “phone call” broadcast data set.

8.2.1 Example: getCallListItems

Function: `getCallListItems (username As String, password As String, call_list_id as Integer, offset, limit) As callListSOAP.contactCallObject()`

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/CallList.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->getCallListItems("username","password",1,0,100);
if($myResponse instanceof SoapFault) {
    echo "SOAP Fault: ".$myResponse->faultstring;
} elseif(count($myResponse) >= '1') {
    echo "Success, found: ".count($myResponse)
} else {
    echo "Failed to find any call items in list for given offset / limit";
}
```

RETURNS

```
Array of Object (
 object->list_item_id As Integer
 object->list_item_ack As String
 object->list_item_contact_id As Integer
 object->list_item_unit_id  As Integer
 object->firstname As String
 object->lastname As String
 object->gender As String
 object->dob As String
 object->mobilenumber As String
 object->allowcall As String
)
```

8.3 Method: ackCallListItems

This function is used to acknowledge receipt of a block of contact data from a data set. This must be called once you have received a block of data from a call to getCallListItems ()

8.3.1 Example: ackCallListItems

Function: `ackCallListItems (username As String, password As String, call_list_id as Integer, offset, limit) As Integer`

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/CallList.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->ackCallListItems("username","password",1,0,100);
if($myResponse instanceof SoapFault) {
    echo "SOAP Fault: ".$myResponse->faultstring;
} elseif($myResponse == '100') {
    echo "Success, acknowledged records.";
} else {
    echo "Failed to acknowledge any items for given offset / limit";
}
```

RETURNS

```
"100" As Integer  (on success)
```

8.4 Method: snoozeContact

This function is used to snooze a contact from receiving calls, it will stop the contact from being exported to call lists until the date given is reached at which point the contact can be included in call lists again.

8.3.1 Example: snoozeContact

Function: `snoozeContact (username As String, password As String, contactID as Integer, snoozeUntilDate as string) As Integer`

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/CallList.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->snoozeContact("username","password",123456,
                                     "2017-11-29");
if($myResponse instanceof SoapFault) {
    echo "SOAP Fault: ".$myResponse->faultstring;
} elseif($myResponse == '100') {
    echo "Success, acknowledged.";
} else {
    echo "Failed to acknowledge. ";
}
```

RETURNS

```
"100" As Integer  (on success)
```

Unique Codes API

The unique codes api allows for retrieval of unique code groups, assigned “unique codes” and associated contact data sets. It also provides a mechanism for searching and redeeming unique codes.

File: https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl **Namespace:** UniqueCodeSOAP

9.1 Method: accountGetUniqueCodeGroups

This function is used to fetch a list of non expired code groups. It will return a unique ucGID for each code group along with other code group specific fields.

9.1.1 Example: accountGetUniqueCodeGroups

Function: `accountGetUniqueCodeGroups (username As String, password As String) As UniqueCodeSOAP.uniqueCodeGroupObject()`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myCodeGroups() As UniqueCodeSOAP.uniqueCodeGroupObject
myCodeGroups = myService.accountGetUniqueCodeGroups("username", "password")
If myCodeGroups.Length >= 1 Then
    MsgBox("found " & myCodeGroups.Length)
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->accountGetUniqueCodeGroups("username","password");
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(count($myResponse) >= '1') {
    echo "Success, found: ".count($myResponse);
}
```

RETURNS

```
Array of Object (
    object->ucgid As Integer
    object->groupid As Integer
    object->customerdescription As String
    object->expirydate As String
    object->eflyerreplyid As Integer
    object->smsreplyid As Integer
)
```

9.2 Method: uniqueCodeGetContact

This function is used to find the contactID assigned the given unique code within the given unique code group, a value of 0 will be returned where the unique code can not be found within the unique code group or it is not currently assigned to a contact.

9.2.1 Example: uniqueCodeGetContact

Function: `uniqueCodeGetContact(username As String, password As String, uniquecode As String, ucgid As Integer) As Integer`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myContactID As Integer
myContactID = myService.uniqueCodeGetContact("username", "password",
                                             "LVN40051 - NGQKFDED", 5)
If myContactID > 0 Then
    MsgBox("assigned to " & myContactID)
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->uniqueCodeGetContact("username","password",
                                            "LVN40051 - NGQKFDED",5)
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif($myResponse >= '1') {
    echo "Success, found: ".$myResponse;
}
```

RETURNS

```
ContactID As Integer
```

9.3 Method: contactGetUniqueCodes

This function is used to obtain a full list of unique codes and associated data elements, which have been assigned to a given contact.

9.3.1 Example: contactGetUniqueCodes

Function: `contactGetUniqueCodes(username As String, password As String, contactid As Integer) As UniqueCodeSOAP.uniqueCodeContactObject()`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myContactCodes() As UniqueCodeSOAP.uniqueCodeContactObject
myContactCodes = myService.contactGetUniqueCodes("username", "passwd", 3742154)
If myContactCodes.Length >= 1 Then
    MsgBox("found " & myContactCodes.Length)
Else
    MsgBox("not found")
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->contactGetUniqueCodes("username","password", 3742154);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(count($myResponse) >= '1') {
    echo "Success, found: ".count($myResponse);
}
```

RETURNS

```
Array of Object (
    object->ucgid As Integer
    object->uniquecode As String
    object->contactid As Integer
    object->assigneddate As String
    object->redeemeddate As String
    object->redeemedatunitid As Integer
    object->customerdescription As String
    object->expirydate As String
)
```

9.4 Method: uniqueCodeGetData

This function is used to find relevant data for a given unique code within a unique code group.

9.4.1 Example: uniqueCodeGetData

Function: `uniqueCodeGetData(username As String, password As String, uniquecode As String, ucgid As Integer) As UniqueCodeSOAP.uniqueCodeContactObject`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myContact As UniqueCodeSOAP.uniqueCodeObject
myContact = myService.uniqueCodeGetData("username", "password",
                                        "LVN40051 - NGQKFDED", 5)
If myContact.contactid >= 1 Then
    MsgBox("found " & myContact.contactid)
Else
    MsgBox("not found")
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->uniqueCodeGetData("username","password",
                                         "LVN40051 - NGQKFDED",5);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(isset($myResponse->ucgid)) {
    echo "Success, found: ".print_r($myResponse,1);
}
```

RETURNS

```
object->ucgid As Integer
object->uniquecode As String
object->contactid As Integer
object->assigneddate As String
object->redeemeddate As String
object->redeemedatunitid As Integer
object->customerdescription As String
object->expirydate As String
```

9.5 Method: redeemUniqueCode

This function is used to mark a unique code as redeemed, it records the time and UnitID where the redemption took place.

9.5.1 Example: redeemUniqueCode

Function: `redeemUniqueCode(username As String, password As String, uniquecode As String, ucgid As Integer, timestamp As Integer, unitid As Integer) As Integer`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myResult As Integer
Dim currentTimestamp As Integer
currentTimestamp = DateDiff("s", "01/01/1970 00:00:00", Now())

Try
    myResult = myService.redeemUniqueCode("username", "password",
                                          "LVN44447 - RRFKNDRS", 9,
                                          currentTimestamp, 986)
    If myResult.Equals(100) Then
        MsgBox("Success")
    Else
        MsgBox("Failure")
    End If
Catch ex As Exception
    MsgBox("Failure: " + ex.Message) ' most likely that already redeemed.
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client-> redeemUniqueCode ("username","password",
                                          "LVN40051 - NGQKFDED", 9,
                                          mktime(), 986);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif($myResponse == 100)) {
    echo "Success";
}
```

RETURNS

```
"100" on Success
```

9.6 Method: uniqueCodeGetAssigned

This function is used to find all codes from within a code group which have been assigned to a contactID, the function takes an offset and limit parameter, the maximum records returned per call is 500. To retrieve all records you must step through the results in blocks using the offset, limit parameters provided.

9.6.1 Example: uniqueCodeGetAssigned

Function: `uniqueCodeGetAssigned(username As String, password As String, ucgid As Integer, offset As Integer, limit As Integer) As UniqueCodeSOAP.uniqueCodeObject()`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myContacts() As UniqueCodeSOAP.uniqueCodeObject
myContacts = myService.uniqueCodeGetAssigned("username", "Password",
                                             9, 0, 100)
If myContacts.Length >= 1 Then
    MsgBox("uniqueContactGetAssigned, found " & myContacts.Length)
Else
    MsgBox("uniqueContactGetAssigned, not found")
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->uniqueCodeGetAssigned("username","password",
                                             9, 0, 100);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(count($myResponse)>= 1)) {
    echo "Found: ".print_r($myResponse,1);
}
```

RETURNS

```
Array of Object (
    object->ucgid As Integer
    object->uniquecode As String
    object->contactid As Integer
    object->assigneddate As String
    object->redeemeddate As String
    object->redeemedatunitid As Integer
)
```

9.7 Method: addUniqueCodeContact

This function is used to add a unique code to a unique code group and assign that code to a contact. A contact may only be assigned one unique code per unique code group. A unique code must also be unique within a unique code group. Duplicate unique codes are permitted, but only within different unique code groups.

9.7.1 Example: addUniqueCodeContact

Function: `addUniqueCodeContact(username As String, password As String, ucgid As Integer, uniquecode As String, contactid As Integer) As Integer`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myResult As Integer

Try
    myResult = myService.addUniqueCodeContact("username", "password", 9,
                                              "LVN44447 - RRFKNDRS", 614211)
    If myResult.Equals(100) Then
        MsgBox("Success")
    Else
        MsgBox("Failure")
    End If
Catch ex As Exception
    MsgBox("Failure: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client-> addUniqueCodeContact("username","password", 9,
                                             "LVN40051 - NGQKFDED", 614211);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif($myResponse == 100)) {
    echo "Success";
}
```

RETURNS

"100" on Success

9.8 Method: addUniqueCodeGroup

This function is used to add a unique code group.

9.8.1 Example: addUniqueCodeGroup

Function: `addUniqueCodeGroup(username As String, password As String, groupid As Integer, customerdescription As String, startdate As String, enddate As String, eflyerid As Integer, tflyerid As Integer) As Integer`

customerdescription - maximum 255 characters in length.
startdate and enddate - date format e.g. '2015-03-31 20:30:00'.
eflyerid and tflyerid – a valid eflyer or tflyer ID or 0 for none.

.NET

```
Dim myService As New SOAPUniqueCodes.UniqueCodes

Dim myuniquecode_id As Integer

Try
    myuniquecode_id = myService.addUniqueCodeGroup("username", "password",
275,'Testing Group 4','2015-01-01 12:00:00','2015-03-31 12:00:00',12345,67890)
    MsgBox(myuniquecode_id)
Catch ex As Exception
    MsgBox("Failure: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client-> addUniqueCodeGroup("username","password", 275,'Testing
Group 4','2015-01-01 12:00:00','2015-03-31 12:00:00',12345,67890);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif {
    echo $myResponse;
}
```

RETURNS

`ucGID of inserted row.`

9.9 Method: addUniqueCodeGroupCodes

This function is used to add unique codes to a unique code group.

9.8.1 Example: addUniqueCodeGroupCodes

Function: addUniqueCodeGroupCodes(username As String, password As String, codes As Array of Strings, ucGID As Integer) As Integer

.NET

```
Dim myService As New SOAPUniqueCodes.UniqueCodes

Dim msg As Integer
Dim codes(2) as String
codes(0)='jwi1234567'
codes(1)='jwi1234568'
codes(2)='jwi1234569'

msg = myService.addUniqueCodeGroup("username", "password", codes,275)
MsgBox(msg)
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$codes = array('jwi1234567','jwi1234568','jwi1234569')

$myResponse = $client->addUniqueCodeGroupGroups("username","password",
$codes,275);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif {
    echo $myResponse;
}
```

RETURNS

100 as Integer.

If any of the codes already exist or are invalid, a message will be returned detailing the invalid codes, none of the unique codes will be added.

9.10 Method: accountGetUniqueRuleBasedCodeGroups

This function is used to fetch a list of non expired code groups. It will return a unique ucGID for each code group along with other code group specific fields. This function is similar to function accountGetUniqueCodeGroups but additionally returns rule based unique code groups and their rule settings.

Rule based unique code groups can contain multiple unique codes assigned to a contact. Only 1 non-redeemed unique code is allowed per contact unless the group has assigned code expiry days set. If set then this value is added to the assignment date for a contact to give an expiry date. After the expiry date another unique code can be assigned to the contact.

In this release the rule based types available are :

Ruleset Type ID	Name	Description
1	single assignation	default one assignation only
2	multiple assignation	multiple assignation allowed if all existing codes redeemed or expired
3	multiple assignation days since assigned	multiple assignation allowed if all existing codes redeemed or expired and specified days since last assigned

9.10.1 Example: accountGetUniqueRuleBasedCodeGroups

Function: `accountGetUniqueRuleBasedCodeGroups (username As String, password As String) As UniqueCodeSOAP.uniqueCodeGroupObject()`

.NET

```
Dim myService As New SOAPUniqueCodes.UniqueCodes

Dim responseArray() As SOAPUniqueCodes.uniqueRuleBasedCodeGroupObject
Dim response As SOAPUniqueCodes.uniqueRuleBasedCodeGroupObject
Dim Msg As String

responseArray = myService.accountGetUniqueRuleBasedCodeGroups("username", "
password")

For Each response In responseArray
    Msg = Msg & response.ucgid & ","
    Msg = Msg & response.groupid & ","
    Msg = Msg & response.customerdescription & ","
    Msg = Msg & response.expirydate & ","
    Msg = Msg & response.eflyerreplyid & ","
    Msg = Msg & response.smsreplyid & ","
    Msg = Msg & response.ruleset_type_id & ","
    Msg = Msg & response.ruleset_value & Chr(13)
Next

MsgBox(Msg)
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client-> accountGetUniqueRuleBasedCodeGroups
("username","password");
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(count($myResponse) >= '1') {
    echo "Success, found: ".count($myResponse);
}
```

RETURNS

```
Array of Object (
    object->ucgid As Integer
    object->groupid As Integer
    object->customerdescription As String
    object->expirydate As String
    object->eflyerreplyid As Integer
    object->smsreplyid As Integer
    object->ruleset_type_id As Integer
    object->ruleset_value As String
)
```

9.11 Method: addUniqueRuleBasedCodeGroup

This function is used to add a unique rule based code group (see 9.10 for rule based definition).

9.11.1 Example: addUniqueRuleBasedCodeGroup

Function: addUniqueRuleBaseCodeGroup(username As String, password As String, groupid As Integer, customerdescription As String, startdate As String, enddate As String, eflyerid As Integer, tflyerid As Integer, ruleset_type_id As Integer, ruleset_value as String,assigned_code_expiry_days As Integer) As Integer

```
customerdescription -  maximum 255 characters in length.
startdate and enddate - date format e.g. '2015-03-31 20:30:00'.
eflyerid and tflyerid – a valid eflyer or tflyer ID or 0 for none.
```

```
ruleset_type_id - a value between 1 and 3.
```

ruleset_value - only set for ruleset_type_id = 3. It must be set to the number of days that has elapsed since the code was assigned to the contact. e.g. for an annual restriction (for Birthdays ?) the elapsed days could be 360.

assigned_code_expiry_days - set for ruleset_type_id 2 and 3 otherwise set to 0. This must be set to the number of days after a unique code that has been assigned to a contact is deemed to have expired. After this expiry period from assignment the contact is able to receive another unique code even though the expired one was not redeemed.

.NET

```
Dim myService As New SOAPUniqueCodes.UniqueCodes

Dim myuniquecode_id As Integer

Try
    myuniquecode_id = myService.addUniqueRuleBasedCodeGroup("username",
"password", 275,'Testing Group 4','2015-01-01 12:00:00','2015-03-31
12:00:00',12345,67890,3,360,100)
    MsgBox(myuniquecode_id)
Catch ex As Exception
    MsgBox("Failure: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client-> addUniqueRuleBasedCodeGroup("username","password",
275,'Testing Group 4','2015-01-01 12:00:00','2015-03-31
12:00:00',12345,67890,3,360,100);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif {
    echo $myResponse;
}
```

RETURNS

```
ucGID of inserted row.
```

9.12 Method: assignUniqueCodeFromGroup

This function is used to assign a unique code from a unique code group to a contact. A contact may be assigned more than one unique code per unique code group but this will depend on the ruleset type set up for the group (see 9.10 for definition).

9.12.1 Example: assignUniqueCodeFromGroup

Function: `assignUniqueCodeFromGroup (username As String, password As String, ucgid As Integer, contactid As Integer) As Object assignUniqueCodeStatus`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes

Dim ucGID As Integer
Dim contactid As Integer
Dim response As SOAPUniqueCodes.assignUniqueCodeStatus
ucGID = 151
contactid = 3485013
response = myService.assignUniqueCodeFromGroup("username", "password", ucGID,
contactid)

MsgBox(response.success & ":" & response.response & ":" & response.uniquecode)
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client-> assignUniqueCodeFromGroup ("username","password", 151,
                                             3485013);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} else {
    echo print_r($myResponse,1);
}
```

RETURNS

```
Object e.g.

success->false
```

```
response->'Contact already assigned an unredeemed code or unsufficient time has
passed since a code was last assigned'

uniquecode->'jwi123461'
```

9.13 Method: contactGetUniqueRuleBasedCodes

This function is used to obtain a full list of unique codes and associated data elements, which have been assigned to a given contact.

9.13.1 Example: contactGetUniqueRuleBasedCodes

Function: `contactGetUniqueCodes(username As String, password As String, contactid As Integer) As UniqueCodeSOAP.uniqueCodeContactObject()`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myContactCodes() As UniqueCodeSOAP.uniqueCodeContactObject
myContactCodes = myService.contactGetUniqueCodes("username", "passwd", 3742154)
If myContactCodes.Length >= 1 Then
    MsgBox("found " & myContactCodes.Length)
Else
    MsgBox("not found")
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->contactGetUniqueCodes("username","password", 3742154);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(count($myResponse) >= '1') {
    echo "Success, found: ".count($myResponse);
}
```

RETURNS

```
Array of Object (
    object->ucgid As Integer
    object->uniquecode As String
    object->contactid As Integer
    object->assigneddate As String
    object->redeemeddate As String
    object->redeemedatunitid As Integer
    object->customerdescription As String
    object->expirydate As String
)
```

9.14 Method: uniqueRuleBasedCodeGetData

This function is used to find relevant data for a given unique code within a unique code group. It differs from uniqueCodeGetData in that the expiry date returned may be set to assigned date + assigned date expiry days if this value is non-zero for ruleset types 2 and 3.

9.14.1 Example: uniqueRuleBasedCodeGetData

Function: uniqueRuleBasedCodeGetData(username As String, password As String, uniquecode As String, ucgid As Integer) As UniqueCodeSOAP.uniqueCodeContactObject

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myContact As UniqueCodeSOAP.uniqueCodeObject
myContact = myService.uniqueCodeGetData("username", "password",
                                        "LVN40051 - NGQKFDED", 5)
If myContact.contactid >= 1 Then
    MsgBox("found " & myContact.contactid)
Else
    MsgBox("not found")
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->uniqueCodeGetData("username","password",
                                         "LVN40051 - NGQKFDED",5);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(isset($myResponse->ucgid)) {
    echo "Success, found: ".print_r($myResponse,1);
}
```

RETURNS

```
object->ucgid As Integer
object->uniquecode As String
object->contactid As Integer
object->assigneddate As String
object->redeemeddate As String
object->redeemedatunitid As Integer
object->customerdescription As String
object->expirydate As String
```

9.15 Method: uniqueRuleBasedCodeGetAssigned

This function is used to find all codes from within a code group which have been assigned to a contactID, the function takes an offset and limit parameter, the maximum records returned per call is 500. To retrieve all records you must step through the results in blocks using the offset, limit parameters provided. This function returns all multi unique codes assignments including redeemed and expired unique codes.

9.15.1 Example: uniqueRuleBasedCodeGetAssigned

Function: `uniqueCodeGetAssigned(username As String, password As String, ucgid As Integer, offset As Integer, limit As Integer) As UniqueCodeSOAP.uniqueCodeObject()`

.NET

```
Dim myService As New UniqueCodeSOAP.UniqueCodes
Dim myContacts() As UniqueCodeSOAP.uniqueCodeObject
myContacts = myService.uniqueCodeGetAssigned("username", "Password",
                                             9, 0, 100)
If myContacts.Length >= 1 Then
    MsgBox("uniqueContactGetAssigned, found " & myContacts.Length)
Else
    MsgBox("uniqueContactGetAssigned, not found")
End If
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UniqueCodes.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->uniqueCodeGetAssigned("username","password",
                                             9, 0, 100);
if($myResponse instanceof SoapFault) {
    die( "SOAP Fault: ".$myResponse->faultstring );
} elseif(count($myResponse)>= 1)) {
    echo "Found: ".print_r($myResponse,1);
}
```

RETURNS

```
Array of Object (
    object->ucgid As Integer
    object->uniquecode As String
    object->contactid As Integer
    object->assigneddate As String
    object->redeemeddate As String
    object->redeemedatunitid As Integer
)
```

Feedback API

The Feedback API provides methods for saving feedback ratings and comments, and searching for feedback by feedback instance or contact.

File: https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl **Namespace:** FeedbackSOAP

10.1 Setting up Feedback

The following section explains the data required to set up a feedback form

10.1.1 Feedback Types

A “feedback type” can be any value between 1 and 4. The values map as follows, 1 = positive, 2 = negative, 3 = neutral, 4 = unknown. This is an overall view of the feedback given, based on your own external rules.

10.1.2 Feedback Source

A “feedback source” is used to indicate the original source of the feedback. All feedback sources and their IDs are preset within Airship, these can be obtained via the getFeedbackSources() API. If none of the “feedback sources” suit your requirement(s), you may contact support@airship.co.uk and request the addition of a new “feedback source”.

10.1.3 Feedback Category / Ratings

“Feedback Ratings” and “Feedback Categories” are used to store the feedback rating on a per category basis. For instance you may ask for feedback ratings on several categories such as food, drink, service and each category will require it’s own feedback rating score.

All “feedback categories” and their IDs are preset within Airship, these can be obtained via the getFeedbackCategories() API. If none of the “feedback categories” suit your requirement(s), you may contact support@airship.co.uk and request the addition of a new “feedback category”.

10.1.4 Feedback Comments

A feedback record can have multiple comments attached. Each feedback comment will contain a textual identifier to help keep track of who made the comment. Feedback comments are restricted to 65,000 characters per comment. Feedback comments can be obtained via the getFeedbackComments() API call.

10.1.5 Example Feedback Questionnaire

Feedback form on your website:

Question description	**Question type (rating/comment)**	**Feedback Source ID**	**Feedback Type ID**	**Feedback Category**	**Feedback Ratings**	**Feedback Comment**
Were you satisfied with your reception at our restaurant?	Rating	1 - Website	1 - Positive	New OR 5 - Welcome	Very Satisfied / Satisfied / No Opinion / Not Satisfied/ Very Unsatisfied	
How could we improve you welcome	Comment	1 - Website	4 - unknown	New OR 5 - Welcome		Free text - Have the reception near the bar area
How did you enjoy your meal? Add comments if necessary.	Rating	1 - Website	3 - neutral	New OR 1 - Food	Very Satisfied / Satisfied / No Opinion / Not Satisfied/ Very Unsatisfied	Starters were a little on the small side.
Was the drinks choice available to	Rating	1 - Website	1 - Positive	New OR 2- drink	Very Satisfied / Satisfied / No	

your liking ? Add comments if necessary.					Opinion / Not Satisfied/ Very Unsatisfied	
Do you have any further comments or suggestions ?	Comment	1 - Website	1 - Positive			Free text - Very enjoyable experience.

10.2 Method: createFeedback

This function is used to send a contacts feedback data to the database.

10.2.1 Example: createFeedback

Function: `createFeedback(username As String, password As String, contactID As Integer, unitID As Integer, feedback_source_id As Integer, feedback_type_id As Integer, feedback_ratings As Object, feedback_comments As Object) As Integer`

.NET

```
        Dim myService As New FeedbackSOAP.Feedback
        Dim feedback_contact_id As String = "2099954"
        Dim feedback_unit_id As String = "67"
        Dim feedback_source_id As String = "4"
        Dim feedback_type_id As String = "1"

        Dim feedback_ratings(1) As FeedbackSOAP.feedbackRating

        Dim feedback_rating0 As New FeedbackSOAP.feedbackRating

        feedback_rating0.feedback_rating_category_idSpecified = True
        feedback_rating0.feedback_rating_category_id = 1
        feedback_rating0.feedback_rating_text = "Very Satisfied"
        feedback_rating0.feedback_note_text = "Nice curries"
        feedback_ratings(0) = feedback_rating0

        Dim feedback_rating1 As New FeedbackSOAP.feedbackRating

        feedback_rating1.feedback_rating_category_idSpecified = True
        feedback_rating1.feedback_rating_category_id = 3
        feedback_rating1.feedback_rating_text = "Very Satisfied"
        feedback_rating1.feedback_note_text = ""
        feedback_ratings(1) = feedback_rating1

        Dim feedback_comments(0) As FeedbackSOAP.feedbackComment

        Dim feedback_comment0 As New FeedbackSOAP.feedbackComment
        feedback_comment0.feedback_note_type = "contact"
        feedback_comment0.feedback_note_text = "The outside is a bit dated"
        feedback_comments(0) = feedback_comment0

        Dim feedback_id As Integer

        feedback_id = myService.createFeedback(username, password,
feedback_contact_id, feedback_unit_id, feedback_source_id, feedback_type_id,
feedback_ratings, feedback_comments)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl";
    $client = new SoapClient($wsdl);
    $feedback_ratings = array(
        array('feedback_rating_category_id'=>'3',
            'feedback_rating_text'=>'Very Satisfied',
            'feedback_note_text'=>'Hot and Spicy just how I like my curries'
        ),
        array('feedback_rating_category_id'=>'2',
            'feedback_rating_text'=>'Very Satisfied'
        )
    );

    $feedback_comments = array(
        array('feedback_note_type'=>'contact',
              'feedback_note_text'=>'The outside is a bit dated'
        )
    );

    $feedback_contactID = '2099954';
    $feedback_unit_id='67';
    $feedback_source_id='4';
    $feedback_type_id='1';

    $myFeedbackID = $client->createFeedback("username", "password",
                                        $feedback_contactID,
                                        $feedback_unit_id,
                                        $feedback_source_id,
                                        $feedback_type_id,
                                        $feedback_ratings,
                                        $feedback_comments);

    if($myFeedbackID instanceof SoapFault) {
        echo "SOAP Fault: ".$myFeedbackID->faultstring;
    } elseif($myFeedbackID >= '1') {
        echo "Success, new feedback_id: ".$myFeedbackID;
    } else {
        echo "Failed to create feedback";
    }
```

RETURNS feedbackID As Integer   (feedbackID >= 1 for success)

10.3 Method: createFeedbackComment

Can be used to add client comments to a feedback instance.

10.3.1 Example: createFeedbackComment

Function: `createFeedbackComment(Username As String, Password As String, feedback_id As Integer, feedback_comments As Object) As Integer`

.NET

```
        Dim myService As New FeedbackSOAP.Feedback
                 Dim feedback_comment_feedback_id As String = "40"
        Dim feedback_id As Integer

        Dim feedback_comments(0) As FeedbackSOAP.feedbackComment

        Dim feedback_comment0 As New FeedbackSOAP.feedbackComment

        feedback_comment0.feedback_note_type = "client"
        feedback_comment0.feedback_note_text = "We will address this asap"
        feedback_comments(0) = feedback_comment0

        feedback_id = myService.createFeedbackComment("username", "password",
                                  feedback_comment_feedback_id, feedback_comments)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl";
    $client = new SoapClient($wsdl);
    $feedback_comments = array(
        array('feedback_note_type'=>'client',
              'feedback_note_text'=>'Fair comment, we will address asap'
        )
    );

    $feedback_id = '40';
    $myFeedbackID = $client->createFeedbackComment("username", "password",
                                                   $feedback_id,
                                                   $feedback_comments);

    if($myFeedbackID instanceof SoapFault) {
        echo "SOAP Fault: ".$myFeedbackID->faultstring;
    } elseif($myFeedbackID == $feedback_id) {
        echo  "Success, feedback_id: ".$myFeedbackID." updated";
    } else {
        echo "Failed to create feedback";
    }
```

RETURNS `feedbackID As Integer   (feedbackID the same as that passed for success)`

10.4 Method: getFeedback

Retrieves all ratings and comments for a given feedbackID.

10.4.1 Example: getFeedback

Function: `getFeedback(Username As String, Password As String, feedbackID As Integer) As FeedbackSOAP.Feedback`

.NET

```
    Try
        Dim myService As New FeedbackSOAP.Feedback
        Dim myFeedback As New FeedbackSOAP.feedbackStruct

        myFeedback = myService.getFeedback("username", "password", 40)

    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl";
    $client = new SoapClient($wsdl);
    $myFeedbackStruct = $client->getFeedback("username ","password",40);

    if($myFeedbackStruct instanceof SoapFault) {
    echo "SOAP Fault: ".$myFeedbackStruct->faultstring;
    } elseif(isset($myFeedbackStruct->feedback->feedback_contact_id)) {
        echo "Successfully received feedback data";
    } else {
        echo "Failed to get feedback";
    }
```

RETURNS `FeedbackSOAP.Feedback Object`

10.5 Method: getFeedbackContact

Retrieves all ratings and comments for a given feedback Contact, with output sort and rows options

10.5.1 Example: getFeedbackContact

Function: `getFeedbackContact (Username As String, Password As String, contactID As Integer, myResultOptions As Object) As FeedbackSOAP.Feedback()`

.NET

```
    Try
        Dim myService As New FeedbackSOAP.Feedback
        Dim myFeedback() As FeedbackSOAP.feedbackContactStruct
        Dim myResultOptions As New FeedbackSOAP.resultOptions

        Dim offset As Integer = 0
        Dim limit As Integer = 10

        myResultOptions.result_offset = "0"
        myResultOptions.result_limit = "10"
        myResultOptions.sort_by_element_name = "feedback_created_datetime"
        myResultOptions.sort_direction = "asc"

        myFeedback = myService.getFeedbackContact("username", "password",
                                                    2099954, myResultOptions)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl";
    $client = new SoapClient($wsdl);
    $myResultOptions['sort_by_element_name'] = 'feedback_created_datetime';
    $myResultOptions['sort_direction'] = 'asc';
    $myResultOptions['result_limit'] = '10';
    $myResultOptions['result_offset'] = '0';

    // load ConatctID 2099954 data
    $myFeedbackStruct = $client->getFeedbackContact("username","password",
                                                   2099954,$myResultOptions);


    if($myFeedbackStruct instanceof SoapFault) {
        echo "SOAP Fault: ".$myFeedbackStruct->faultstring;
    } elseif(isset($myFeedbackStruct[0]->feedback_contact->feedback_id)) {
        echo "Successfully received feedback data";
    } else {
        echo "Failed to get feedback";
    }
```

RETURNS `FeedbackSOAP.Feedback()`

10.6 Method: getFeedbackCategories

Retrieves all categories used in the Feedback system.

10.6.1 Example: getFeedbackCategories

Function: `getFeedbackCategories(Username As String, Password As String) As FeedbackSOAP.FeedbackCategory()`

.NET

```
    Try
        Dim myService As New FeedbackSOAP.Feedback
        Dim myCategories() As FeedbackSOAP.feedbackCategory

        myCategories = myService.getFeedbackCategories("username", "password")
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl";
    $client = new SoapClient($wsdl);
    $myCategories = $client->getFeedbackCategories("username","password");

    if($myCategories instanceof SoapFault) {
        echo "SOAP Fault: ".$ myCategories ->faultstring;
    } elseif(count($myCategories) >= '1') {
        echo "Successfully received feedback categories data";
    } else {
        echo "Failed to get feedback categories";
    }
```

RETURNS `FeedbackSOAP.FeedbackCategory()`

10.7 Method: getFeedbackSources

Retrieves all sources used in the Feedback system.

10.7.1 Example: getFeedbackSources

Function: `getFeedbackSources (Username As String, Password As String) As FeedbackSOAP.FeedbackSources()`

.NET

```
    Try
        Dim myService As New FeedbackSOAP.Feedback
        Dim mySources() As FeedbackSOAP.feedbackSource

        mySources = myService.getFeedbackSources("username", "password")
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl";
    $client = new SoapClient($wsdl);
    $myFeedbackSources = $client->getFeedbackSources("username ","password");


    if($myFeedbackSources instanceof SoapFault) {
        echo "SOAP Fault: ".$myFeedbackSources->faultstring;
    } elseif(isset($myFeedbackSources[0]->feedback_source_id)) {
        echo "Successfully received feedback source data";
    } else {
        echo "Failed to get feedback categories";
    }
```

RETURNS `FeedbackSOAP.FeedbackSource()`

10.8 Method: searchFeedback

This function can be used to fetch multiple feedback records in their basic form. Results may be sorted by a chosen field and offset limit values provide for paging. The maximum limit value will be restricted to 50 records per query.

10.8.1 Example: searchFeedback

Function: `searchFeedback(username As String, password As String, feedback_equal_arguments As FeedbackSOAP.feedbackObject, feedback_greater_equal_arguments As FeedbackSOAP.feedbackObject, feedback_less_equal_arguments As FeedbackSOAP.feedbackObject, feedback_in_sql_arguments As FeedbackSOAP.feedbackObjectInSQL, result_options As FeedbackSOAP.resultOptions) As FeedbackSOAP.feedbackStruct()`

.NET

```
Try
    Dim myService As New FeedbackSOAP.Feedback
    Dim myFeeback() As FeedbackSOAP.feedbackStruct
    Dim myFeedbackEqualsArgs As New FeedbackSOAP.feedbackObject
    Dim myFeedbackGreaterThanArgs As New FeedbackSOAP.feedbackObject
    Dim myFeedbackLessThanArgs As New FeedbackSOAP.feedbackObject
    Dim myFeedbackInSQLArgs As New FeedbackSOAP.feedbackObjectInSQL
    Dim myResultOptions As New FeedbackSOAP.resultOptions
    ' restrict to unitID 67
    myFeedbackEqualsArgs.feedback_unit_id = 67
    myFeedbackEqualsArgs.feedback_unit_idSpecified = True
    ' set filter to be created in month of "March 2013"
    myFeedbackGreaterThanArgs.feedback_created_datetime = "2013-03-01 00:00:00"
    myFeedbackLessThanArgs.feedback_created_datetime = "2013-03-31 23:59:59"
    myFeedback = myService.searchFeedback("username","password",
                                       myFeedbackEqualsArgs,
                                       myFeedbackGreaterThanArgs,
                                       myFeedbackLessThanArgs,
                                       myFeedbackInSQLArgs, myResultOptions)
    If myFeedback.Length < 1 Then
        MsgBox("Failed to get any feedback results.")
    Else
        MsgBox("Success, found "&myFeedback.Length &" records, "&
               "First result feedback_id: " &
               myFeedback(0).feedback.feedback_id)
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Feedback.wsdl",array("trace"=>1,"exceptions"=>0));

$myFeedbackEqualsArgs = array(); // exact match args

// restrict to unitIDs 67,68 and 69
$myFeedbackInSQLArgs['feedback_unit_id'] = '67,68,69';
// set filter to be enquiries in  month of "March 2013"
$myFeedbackGreaterThanArgs['feedback_created_datetime'] = "2013-03-01 00:00:00";
$myFeedbackLessThanArgs['feedback_created_datetime'] = "2013-03-31 23:59:59";
// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'feedback_created_datetime';
$myResultOptions['sort_direction'] = 'desc';
$myResultOptions['result_limit'] = '10';
$myResultOptions['result_offset'] = '0';
// run search
$myFeedback = $client->searchFeedback("username","password",
                                      $myFeedbackEqualsArgs,
                                      $myFeedbackGreaterThanArgs,
                                      $myFeedbackLessThanArgs,
                                      $myFeedbackInSQLArgs,
                                      $myResultOptions);
if($myFeedback instanceof SoapFault) {
    echo "SOAP Fault: ".$myFeedback->faultstring;
} elseif(count($myFeedback) >= '1') {
    echo "Success, found: ".count($myFeedback);
} else {
    echo "Failed to find any feedback for given criteria";
}
```

RETURNS

```
Object As FeedbackSOAP.feedbackStruct()
```

10.9 Method: searchFeedbackCount

This function can be used to return a total count of feedback records available via a searchFeedback() call.

10.9.1 Example: searchFeedbackCount

Function: `searchFeedbackCount(username As String, password As String, feedback_equal_arguments As FeedbackSOAP.feedbackObject, feedback_greater_equal_arguments As FeedbackSOAP.feedbackObject, feedback_less_equal_arguments As FeedbackSOAP.feedbackObject,feedback_in_sql_arguments As FeedbackSOAP.feedbackObjectInSQL, result_options As FeedbackSOAP.resultOptions) count As Integer`

.NET

```
Try
    Dim myService As New FeedbackSOAP.Feedback
    Dim myCount As Integer
    Dim myFeedbackEqualsArgs As New FeedbackSOAP.feedbackObject
    Dim myFeedbackGreaterThanArgs As New FeedbackSOAP.feedbackObject
    Dim myFeedbackLessThanArgs As New FeedbackSOAP.feedbackObject
    Dim myFeedbackInSQLArgs As New FeedbackSOAP.feedbackObjectInSQL
    Dim myResultOptions As New FeedbackSOAP.resultOptions
    ' restrict to unitID 67
    myFeedbackEqualsArgs.feedback_unit_id = 67
    myFeedbackEqualsArgs.feedback_unit_idSpecified = True
    ' set filter to be enquiries in  month of "March 2013"
    myFeedbackGreaterThanArgs.feedback_created_datetime = "2013-03-01 00:00:00"
    myFeedbackLessThanArgs.feedback_created_datetime = "2013-03-31 23:59:59"
    myCount = myService.searchFeedbackCount("username","password",
                                            myFeedbackEqualsArgs,
                                            myFeedbackGreaterThanArgs,
                                            myFeedbackLessThanArgs,
                                            myFeedbackInSQLArgs,
                                            myResultOptions)
    If myCount >= 1 Then
        MsgBox("Found " & myCount & " feedbacks.")
    Else
        MsgBox("No feedbacks found.")
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$client = new SoapClient("../Feedback.wsdl",array("trace"=>1,"exceptions"=>0));

$myFeedbackEqualsArgs = array(); // exact match args

// restrict to unitIDs 67,68 and 69
$myFeedbackInSQLArgs['feedback_unit_id'] = '67,68,69';
// set filter to be enquiries in  month of "March 2013"
$myFeedbackGreaterThanArgs['feedback_created_datetime'] = "2013-03-01 00:00:00";
$myFeedbackLessThanArgs['feedback_created_datetime'] = "2013-03-31 23:59:59";
// add some extra result option arguments
$myResultOptions['sort_by_element_name'] = 'feedback_created_datetime';
$myResultOptions['sort_direction'] = 'desc';
$myResultOptions['result_limit'] = '10';
$myResultOptions['result_offset'] = '0';
// run search
$myCount = $client->searchFeedbackCount("username","password",
                                        $myFeedbackEqualsArgs,
                                        $myFeedbackGreaterThanArgs,
                                        $myFeedbackLessThanArgs,
                                        $myResultOptions);
if($myCount instanceof SoapFault) {
    echo "SOAP Fault: ".$myCount->faultstring;
} elseif($myCount >= '1') {
    echo "Success, found: ". $myCount;
} else {
    echo "Failed to find any feedback records for given criteria";
}
```

RETURNS

Count As Integer

10.10 Method: createFeedbackHistory

This function is used to send a contacts feedback data to the database with the added ability to set the created datetime.

10.10.1 Example: createFeedbackHistory

Function: `createFeedback(username As String, password As String, contactID As Integer, unitID As Integer, feedback_source_id As Integer, feedback_type_id As Integer, feedback_created_datetime As String, feedback_ratings As Object, feedback_comments As Object) As Integer`

.NET

```
        Dim myService As New FeedbackSOAP.Feedback
        Dim feedback_contact_id As String = "2099954"
        Dim feedback_unit_id As String = "67"
        Dim feedback_source_id As String = "4"
        Dim feedback_type_id As String = "1"
        Dim feedback_created_datetime As String = "2016-01-01 14:00:00"

        Dim feedback_ratings(1) As FeedbackSOAP.feedbackRating

        Dim feedback_rating0 As New FeedbackSOAP.feedbackRating

        feedback_rating0.feedback_rating_category_idSpecified = True
        feedback_rating0.feedback_rating_category_id = 1
        feedback_rating0.feedback_rating_text = "Very Satisfied"
        feedback_rating0.feedback_note_text = "Nice curries"
        feedback_ratings(0) = feedback_rating0

        Dim feedback_rating1 As New FeedbackSOAP.feedbackRating

        feedback_rating1.feedback_rating_category_idSpecified = True
        feedback_rating1.feedback_rating_category_id = 3
        feedback_rating1.feedback_rating_text = "Very Satisfied"
        feedback_rating1.feedback_note_text = ""
        feedback_ratings(1) = feedback_rating1

        Dim feedback_comments(0) As FeedbackSOAP.feedbackComment

        Dim feedback_comment0 As New FeedbackSOAP.feedbackComment
        feedback_comment0.feedback_note_type = "contact"
        feedback_comment0.feedback_note_text = "The outside is a bit dated"
        feedback_comments(0) = feedback_comment0

        Dim feedback_id As Integer

        feedback_id = myService.createFeedback(username, password,
feedback_contact_id, feedback_unit_id, feedback_source_id, feedback_type_id,
feedback_created_datetime ,feedback_ratings, feedback_comments)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Feedback.wsdl";
    $client = new SoapClient($wsdl);
    $feedback_ratings = array(
        array('feedback_rating_category_id'=>'3',
            'feedback_rating_text'=>'Very Satisfied',
            'feedback_note_text'=>'Hot and Spicy just how I like my curries'
        ),
        array('feedback_rating_category_id'=>'2',
            'feedback_rating_text'=>'Very Satisfied'
        )
    );

    $feedback_comments = array(
        array('feedback_note_type'=>'contact',
              'feedback_note_text'=>'The outside is a bit dated'
        )
    );

    $feedback_contactID = '2099954';
    $feedback_unit_id='67';
    $feedback_source_id='4';
    $feedback_type_id='1';
    $feedback_created_datetime = "2016-01-01 14:00:00";

    $myFeedbackID = $client->createFeedback("username", "password",
                                            $feedback_contactID,
                                            $feedback_unit_id,
                                            $feedback_source_id,
                                            $feedback_type_id,
                                             $feedback_created_datetime,
                                            $feedback_ratings,
                                            $feedback_comments);

    if($myFeedbackID instanceof SoapFault) {
        echo "SOAP Fault: ".$myFeedbackID->faultstring;
    } elseif($myFeedbackID >= '1') {
        echo "Success, new feedback_id: ".$myFeedbackID;
    } else {
        echo "Failed to create feedback";
    }
```

RETURNS feedbackID As Integer   (feedbackID >= 1 for success)

Wifi Interaction API

The Wifi Interaction API provides methods for saving Wifi Interactions.

File: https://secure.airship.co.uk/SOAP/V3/WifiInteraction.wsdl **Namespace:** WifiInteractionSOAP

11.1 Method: createWifiInteraction

Can be used to save Wifi interaction data against a contact record.

11.1.1 Example: createWifiInteraction

Function: `createWifiInteraction(Username As String, Password As String, hotspot_name As String, mac_address As String, device_mime_type As String, interaction_type As String, contactID As Integer) As Integer`

.NET

```
    Try
        Dim myService As New WifiInterationSOAP.WifiInteraction
         Dim mywifiinteraction_id As Integer

       'pass 1 as contact_id if not known
        mywifiinteraction_id = myService.createWifiInteraction("username",
                              "password", "Bar 1 top floor",
                              "00:A0:C9:14:C8:29", "airshipapp",
                              "detected", 1)

        mywifiinteraction_id = myService.createWifiInteraction("username",
                               "password", "Bar 1 top floor",
                               "00:A0:C9:14:C8:29", "airshipapp",
                               "connected", 1)

        mywifiinteraction_id = myService.createWifiInteraction("username",
                               "password", "Bar 1 top floor",
                               "00:A0:C9:14:C8:29", "airshipapp",
                               "authenticated", 2099954)
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/WifiInteraction.wsdl";
    $client = new SoapClient($wsdl);
    $wifiinteraction_hotspot_name = 'Bar 1 top floor';
    $wifiinteraction_mac_name='00:A0:C9:14:C8:29';
    $wifiinteraction_device_mime_type='airshipapp';
    $wifiinteraction_interaction_type='detected';
    $wifiinteraction_contact_id=1;

    $myWifiInteractionID = $client->createWifiInteraction("username","password",
                                          $wifiinteraction_hotspot_name,
                                          $wifiinteraction_mac_name,
                                          $wifiinteraction_device_mime_type,
                                          $wifiinteraction_interaction_type,
                                          $wifiinteraction_contact_id);

    if($myWifiInteractionID instanceof SoapFault) {
        echo "SOAP Fault: ".$myWifiInteractionID->faultstring;
    } elseif($myWifiInteractionID >= '1') {
        echo "Success, new wifiinteraction_id: ".$myWifiInteractionID;
    } else {
        echo "Failed to create wifiinteraction";
    }
```

RETURNS `mywifiinteractionID As Integer   (>= 1 for success)`

11.2 Method: createWifiInteractionHistory

Can be used to save Wifi interaction data against a contact record with an interaction date and time set in the call.

11.2.1 Example: createWifiInteractionHistory

Function: `createWifiInteractionHistory(Username As String, Password As String, hotspot_name As String, mac_address As String,  device_mime_type As String, interaction_type As String, contactID As Integer, contactDateTime as String) As Integer`

.NET

```
    Try
        Dim myService As New WifiInterationSOAP.WifiInteraction
         Dim mywifiinteraction_id As Integer

       'pass 1 as contact_id if not known
        mywifiinteraction_id = myService.createWifiInteractionHistory(
                                       "username", "password", "Bar 1 top floor",
                                       "00:A0:C9:14:C8:29", "airshipapp", "detected",
                                       1,"2015-04-01 19:40:41")

        mywifiinteraction_id = myService.createWifiInteractionHistory(
                                       "username", "password", "Bar 1 top floor",
                                       "00:A0:C9:14:C8:29", "airshipapp", "connected",
                                       1,"2015-04-01 19:40:41")

        mywifiinteraction_id = myService.createWifiInteractionHistory(
                                       "username", "password", "Bar 1 top floor",
                                       "00:A0:C9:14:C8:29", "airshipapp",
                                       "authenticated", 2099954,"2015-04-01 19:40:41")

         End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/WifiInteraction.wsdl";
$client = new SoapClient($wsdl);
$wifiinteraction_hotspot_name = 'Bar 1 top floor';
$wifiinteraction_mac_name='00:A0:C9:14:C8:29';
$wifiinteraction_device_mime_type='airshipapp';
$wifiinteraction_interaction_type='detected';
$wifiinteraction_contact_id=1;
$wifiinteraction_created_datetime='2015-04-01 19:40:41';

$myWifiInteractionID = $client->createWifiInteractionHistory( "username",
                       "password", $wifiinteraction_hotspot_name,
                       $wifiinteraction_mac_name,
                       $wifiinteraction_device_mime_type,
                       $wifiinteraction_interaction_type,
                       $wifiinteraction_contact_id,
                       $wifiinteraction_created_datetime);


if($myWifiInteractionID instanceof SoapFault) {
    echo "SOAP Fault: ".$myWifiInteractionID->faultstring;
} elseif($myWifiInteractionID >= '1') {
    echo "Success, new wifiinteraction_id: ".$myWifiInteractionID;
} else {
    echo "Failed to create wifiinteraction";
}
```

RETURNS mywifiinteractionID As Integer   (>= 1 for success)

11.3 Method: getWifiInteractions

Can be used to retrieve Wifi Interactions. The function accepts search criteria to provide flexible data retrieval.

11.3.1 Example: getWifiInteractions

Function: `getWifiInteractions(Username As String, Password As String, wifi_equal_arguments As WifiSOAP.WifiInteractionHistory, wifi_greater_equal_arguments As WifiSOAP.WifiInteractionHistory, wifi_less_equal_arguments As WifiSOAP.WifiInteractionHistory, wifi_in_sql_arguments As WifiSOAP.WifiInteractionHistory, result_options As WifiSOAP.resultOptions) As WifiSOAP.WifiInteractionStruct()`

.NET

```
    Try
        Dim myWifi() As SOAPWifi.WifiInteractionStruct
        Dim Wifi As SOAPWifi.WifiInteractionStruct
        Dim myWifiEqualsArgs As New SOAPWifi.WifiInteractionHistory
        Dim myWifiGreaterThanArgs As New SOAPWifi.WifiInteractionHistory
        Dim myWifiLessThanArgs As New SOAPWifi.WifiInteractionHistory
        Dim myWifiInSQLArgs As New SOAPWifi.WifiInteractionHistory
        Dim myResultOptions As New SOAPWifi.resultOptions
        myWifiEqualsArgs.wifiinteraction_interaction_type = "authenticated"
        myWifiGreaterThanArgs.wifiinteraction_created_datetime = "2015-05-01
00:00:00"
        myWifiLessThanArgs.wifiinteraction_created_datetime = "2015-08-31
23:59:59"
        myResultOptions.sort_by_element_name =
"wifiinteraction_created_datetime"
        myResultOptions.sort_direction = "desc"
        myResultOptions.result_limit = "5"
        myResultOptions.result_offset = "1"
        myWifi = myService.getWifiInteractions("username", "password",
myWifiEqualsArgs, myWifiGreaterThanArgs, myWifiLessThanArgs, myWifiInSQLArgs,
myResultOptions)
        For Each Wifi In myWifi
            MsgBox(Wifi.wifiinteraction.wifiinteraction_contact_id & ":" &
Wifi.wifiinteraction.wifiinteraction_hotspot_name & ":" &
Wifi.wifiinteraction.wifiinteraction_interaction_type & ":" &
Wifi.wifiinteraction.wifiinteraction_mac_name & ":" &
Wifi.wifiinteraction.wifiinteraction_created_datetime)
        Next

   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/WifiInteraction.wsdl";

    $client = new SoapClient($wsdl);
    $myEqualsArgs = array();
    $myGreaterThanArgs = array();
    $myLessThanArgs = array();
    $mySQLInArgs = array();
    $myResultOptions = array();

    $myEqualsArgs['wifiinteraction_interaction_type'] = "authenticated";
    $myGreaterThanArgs['wifiinteraction_created_datetime'] = "2015-05-01 
00:00:00";
    $myLessThanArgs['wifiinteraction_created_datetime'] = "2015-08-31 23:59:59";
    $myResultOptions['sort_by_element_name'] = 
'wifiinteraction_created_datetime';
    $myResultOptions['sort_direction'] = 'desc';
    $myResultOptions['result_limit'] = '5';
    $myResultOptions['result_offset'] = '1';
    $myWifi = $client->getWifiInteractions
("username","password",$myEqualsArgs,$myGreaterThanArgs,$myLessThanArgs,$mySQLInAr
gs,$myResultOptions);

    if($myWifi instanceof SoapFault) {
        echo "SOAP Fault: ".$myWifi->faultstring;
    } elseif(count($myWifi) >= '1') {
        echo "Success, found: 
".count($myWifi).'<pre>'.print_r($myWifi,1).'</pre>';
    } else {
        echo "Failed to find any wifi interactions results for given criteria";
    }
```

RETURNS

Array of Objects (WifiSOAP.WifiInteractionStruct)

11.4 Method: assignWifiInteractionUnit

Can be used to link a wifi interaction ID with a unit ID. Calling the function again will update any existing unit relationship. The wifi interaction ID and unit ID must be valid for the account.

11.4.1 Example: assignWifiInteractionUnit

Function: `assignWifiInteractionUnit(Username As String, Password As String, wifiinteraction_id As Integer, wifi_interaction_unit_id As Integer) As Integer`

.NET

```
    Try
        Dim myService As New WifiInterationSOAP.WifiInteraction
        status = myService.assignWifiInteractionUnit(
                               "username", "password", 193, 67)
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/WifiInteraction.wsdl";
    $client = new SoapClient($wsdl);

    $status = $client->assignWifiInteractionUnit( "username",
                           "password", 193, 67);

    if($status instanceof SoapFault) {
        echo "SOAP Fault: ".$status->faultstring;
    } elseif($status == '100') {
        echo "Success, mapped wifiinteraction to unit";
    } else {
        echo "Failed to assign wifiinteraction unit";
    }
```

RETURNS status As Integer   (100 for success)

EPOS API

The EPOS API provides methods for saving point of sale transactions

File: https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl **Namespace:**EPOSSOAP

12.1 Method: createPurchaseHistory

Can be used to save purchase information for a contact.

12.1.1 Example: createPurchaseHistory

Function: createPurchaseHistory(Username As String, Password As String, transaction_reference As String, contactID As Integer, unitID As Integer, transaction_timestamp As Integer, transaction_lines As Object) purchase_history_id As Integer

.NET

```
    Try
      Dim myService As New EPOSSOAP.EPOS
      Dim purchase_history_transaction_reference As String = "The Cricket Inn"
      Dim purchase_history_contact_id As String = "2099954"
      Dim purchase_history_unit_id As String = "67"
      Dim purchase_history_transaction_timestamp As Long =
CLng(DateTime.UtcNow.Subtract(New DateTime(1970, 1, 1)).TotalSeconds)
      Dim purchase_history_transaction_lines(1) As
EPOSSOAP.purchaseHistoryTransactionLines
      Dim purchase_history_transaction_line0 As New
EPOSSOAP.purchaseHistoryTransactionLines
      purchase_history_transaction_line0.purchase_history_transaction_line =
"White Swan"
      purchase_history_transaction_line0.purchase_history_transaction_line_sku =
"12345678901234567890l"

purchase_history_transaction_line0.purchase_history_transaction_line_quantity =
"2"

purchase_history_transaction_line0.purchase_history_transaction_line_value = "5.6"
      purchase_history_transaction_lines(0) = purchase_history_transaction_line0
      Dim purchase_history_transaction_line1 As New
EPOSSOAP.purchaseHistoryTransactionLines
      purchase_history_transaction_line1.purchase_history_transaction_line =
"Kipling"
      purchase_history_transaction_line_sku=>'12345678901234567890l',
      purchase_history_transaction_line0.purchase_history_transaction_line_sku =
"12345678901234567890l"
```

```
purchase_history_transaction_line1.purchase_history_transaction_line_quantity =
"2"

purchase_history_transaction_line1.purchase_history_transaction_line_value = "6.4"
      purchase_history_transaction_lines(1) = purchase_history_transaction_line1

      Dim purchase_history_id As Integer

      purchase_history_id = myService.createPurchaseHistory("username",
"password", purchase_history_transaction_reference, purchase_history_contact_id,
purchase_history_unit_id, purchase_history_transaction_timestamp,
purchase_history_transaction_lines)

End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl";
    $client = new SoapClient($wsdl);
    $purchase_history_transaction_lines = array(
       array('purchase_history_transaction_line'=>'White Swan',
        'purchase_history_transaction_line_sku'=>'12345678901234567890l',
        'purchase_history_transaction_line_quantity'=>1,
        'purchase_history_transaction_line_value'=>2.80
       ),
       array('purchase_history_transaction_line'=>'Kipling',
        'purchase_history_transaction_line_sku'=>'12345678901234567890l',
        'purchase_history_transaction_line_quantity'=>1,
        'purchase_history_transaction_line_value'=>3.20
       )
    );


    $purchase_history_transaction_reference = 'Hallamshire';
    $purchase_history_contact_id='2099954';
    $purchase_history_unit_id='67';
    $purchase_history_transaction_timestamp=`date +%s`;
    $myPurchaseHistoryID = $client->createPurchaseHistory("username","password",
                                    $purchase_history_transaction_reference,
                                    $purchase_history_contact_id,
                                    $purchase_history_unit_id,
                                    $purchase_history_transaction_timestamp,
                                    $purchase_history_transaction_lines);
```

RETURNS `purchase_history_id As Integer`

12.2 Method: updatePurchaseHistory

Can be used to update existing purchase information for a single purchase by a contact. All transaction lines for the purchase will be deleted and re-inserted so transaction lines must be a complete record.

12.2.1 Example: updatePurchaseHistory

Function: `updatePurchaseHistory(Username As String, Password As String, purchase_history_id As Integer, transaction_reference As String, contactID As Integer, unitID As Integer, transaction_timestamp As Integer, transaction_lines As Object) purchase_history_id As Integer`

.NET

```
    Try
      Dim myService As New EPOSSOAP.EPOS
        Dim purchase_history_id As String = "20"
        Dim purchase_history_transaction_reference As String = "The Cricket Inn"
        Dim purchase_history_contact_id As String = "2099954"
        Dim purchase_history_unit_id As String = "67"
        Dim purchase_history_transaction_timestamp As Long =
CLng(DateTime.UtcNow.Subtract(New DateTime(1970, 1, 1)).TotalSeconds)
        Dim purchase_history_transaction_lines(1) As
EPOSSOAP.purchaseHistoryTransactionLines
        Dim purchase_history_transaction_line0 As New
EPOSSOAP.purchaseHistoryTransactionLines
        purchase_history_transaction_line0.purchase_history_transaction_line =
"White Swan"
        purchase_history_transaction_line0.purchase_history_transaction_line_sku =
"12345678901234567890l"

purchase_history_transaction_line0.purchase_history_transaction_line_quantity =
"1"
        purchase_history_transaction_line0.purchase_history_transaction_line_value
= "2.8"
        purchase_history_transaction_lines(0) = purchase_history_transaction_line0

        Dim purchase_history_transaction_line1 As New
EPOSSOAP.purchaseHistoryTransactionLines
        purchase_history_transaction_line1.purchase_history_transaction_line =
"Kipling"
        purchase_history_transaction_line1.purchase_history_transaction_line_sku =
"12345678901234567890l"

purchase_history_transaction_line1.purchase_history_transaction_line_quantity =
"2"
```

```
        purchase_history_transaction_line1.purchase_history_transaction_line_value
= "6.4"
        purchase_history_transaction_lines(1) = purchase_history_transaction_line1

        purchase_history_id = myService.updatePurchaseHistory("username",
"password", purchase_history_id, purchase_history_transaction_reference,
purchase_history_contact_id, purchase_history_unit_id,
purchase_history_transaction_timestamp, purchase_history_transaction_lines)
End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl";
    $client = new SoapClient($wsdl);
    $purchase_history_transaction_lines = array(
        array('purchase_history_transaction_line'=>'White Swan Ale',
              'purchase_history_transaction_line_sku'=>'12345678901234567890l',
              'purchase_history_transaction_line_quantity'=>2,
              'purchase_history_transaction_line_value'=>5.60
             ),
        array('purchase_history_transaction_line'=>'Kipling Ale',
              'purchase_history_transaction_line_sku'=>'12345678901234567890l',
              'purchase_history_transaction_line_quantity'=>2,
              'purchase_history_transaction_line_value'=>6.40
             )
    );

    $purchase_history_id='19';
    $purchase_history_transaction_reference = 'Hallamshire Pub';
    $purchase_history_contact_id='2099954';
    $purchase_history_unit_id='67';
    $purchase_history_transaction_timestamp=`date +%s`;
    $myPurchaseHistoryID = $client->updatePurchaseHistory("username","password",
                                   $purchase_history_id,
                                   $purchase_history_transaction_reference,
                                   $purchase_history_contact_id,
                                   $purchase_history_unit_id,
                                   $purchase_history_transaction_timestamp,
                                   $purchase_history_transaction_lines);
```

RETURNS number of rows updated. Please note that 1 master row will be updated. All transaction lines will be deleted and then inserted. So if you delete a purchase with 3 transaction lines and update with 4 then the result will be 1 + 3 + 4 = 8.

12.3 Method: deletePurchaseHistory

Can be used to delete existing purchase information.

12.3.1 Example: deletePurchaseHistory

Function: deletePurchaseHistory(Username As String, Password As String, purchase_history_id As Integer)

.NET

```
Try
  Dim myService As New EPOSSOAP.EPOS
  Dim purchase_history_id As String = "11"
  Dim rowsdeleted As Integer
  rowsdeleted = myService.deletePurchaseHistory("username", "password",
                                               purchase_history_id)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl";
$client = new SoapClient($wsdl);
$purchase_history_id='10';
$mydeleterows = $client->deletePurchaseHistory("username","password",
                                               $purchase_history_id);
```

RETURNS Number of rows deleted. They should be 1 row for the master tables and 1 row for each transaction line.

12.4 Method: getPurchaseHistoryPurchase

Can be used to return all data for a single purchase.

12.4.1 Example: getPurchaseHistoryPurchase

Function: `getPurchaseHistoryPurchase(Username As String, Password As String, purchase_history_id As Integer) As Object`

.NET

```
    Try
      Dim myService As New EPOSSOAP.EPOS
      Dim purchase_history_id As String = "21"
      Dim myPurchaseHistory As EPOSSOAP.purchaseStruct
      myPurchaseHistory = myService.getPurchaseHistoryPurchase("username",
                                                                 "password",
                                                         purchase_history_id)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl";
    $client = new SoapClient($wsdl);
    $purchase_history_id='19';
    $myPurchaseHistoryObj = $client->getPurchaseHistoryPurchase("username",
                                             "password", $purchase_history_id);
```

RETURNS `PurchaseHistoryObject`

12.5 Method: getPurchaseHistoryContact

Can be used to return all purchase data for a contact.

12.5.1 Example: getPurchaseHistoryContact

Function: `getPurchaseHistoryPurchase(Username As String, Password As String, contactID As Integer) As Object`

.NET

```
Try
  Dim myService As New EPOSSOAP.EPOS
  Dim purchase_contact_id As String = "21"
  Dim myPurchaseHistory() As EPOSSOAP.purchaseStruct
  myPurchaseHistory = myService.getPurchaseHistoryContact("username",
                                    "password", purchase_contact_id)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl";
$client = new SoapClient($wsdl);
$purchase_contact_id='2099954';
$myPurchaseHistoryObj = $client->getPurchaseHistoryContact("username",
                                      "password", $purchase_contact_id);
```

RETURNS `PurchaseHistoryObject()`

12.6 Method: getPurchaseHistoryUnit

Can be used to return all purchase data for a unit.

12.6.1 Example: getPurchaseHistoryUnit

Function: `getPurchaseHistoryUnit(Username As String, Password As String, unitID As Integer) As Object`

.NET

```
    Try
      Dim myService As New EPOSSOAP.EPOS
      Dim purchase_unit_id As String = "21"
      Dim myPurchaseHistory() As EPOSSOAP.purchaseStruct
      myPurchaseHistory = myService.getPurchaseHistoryUnit("username",
                                              "password", purchase_unit_id)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl";
    $client = new SoapClient($wsdl);
    $purchase_unit_id='67';
    $myPurchaseHistoryObj = $client->getPurchaseHistoryUnit("username",
                                              "password",$purchase_unit_id);
```

RETURNS `PurchaseHistoryObject()`

12.7 Method: getPurchaseHistoryReference

Can be used to return all data for a transaction reference.

12.7.1 Example: getPurchaseHistoryReference

Function: `getPurchaseHistoryUnit(Username As String, Password As String, transaction_reference As String) As Object`

.NET

```
    Try
      Dim myService As New EPOSSOAP.EPOS
      Dim purchase_transaction_reference As String = "Greystoke"
      Dim myPurchaseHistory() As EPOSSOAP.purchaseStruct
      myPurchaseHistory = myService.getPurchaseHistoryReference("username",
"password", purchase_transaction_reference)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/EPOS.wsdl";
    $client = new SoapClient($wsdl);
    $purchase_transaction_reference ='Greystoke';
    $myPurchaseHistoryObj = $client->getPurchaseHistoryReference("username",
                                  "password", $purchase_transaction_reference);
```

RETURNS `PurchaseHistoryObject()`

UnitUnsubscribe API

The Unit Unsubscribe API provides methods for unsubscribing from individual units. Head Office will not be included in any data returned. This API will not allow unsubscription from Head Office. However if all other units have been unsubscribed then the Email Allow flag is set to No for the contact and so all Eflyers are disabled.

File: https://secure.airship.co.uk/SOAP/V3/UnitUnsubscribe.wsdl **Namespace:**UnitUnsubscribe

13.1 Method: getGroupUnits

Returns an array of units that the contact has a group membership in.

13.1.1 Example: getGroupUnits

Function: `getGroupUnits(Username As String, Password As String, contactID As Integer) UnitData As Array`

.NET

```
Try
  Dim contact_id As Integer = 47069
  Dim myUnitData() As UnitUnsubscribe.UnitData
  myUnitData = myService.getGroupUnits("username", "password", contact_id)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitUnsubscribe.wsdl";
$client = new SoapClient($wsdl);
$contact_id='47069';
$myUnitData = $client->getGroupUnits("username","password",$contact_id);
```

RETURNS `myUnitData() array of unitid, unitname, subscribed`

13.2 Method: getUnitSubscriptions

Returns an array of units that the contact is subscribed to.

13.2.1 Example: getUnitSubscriptions

Function: `getUnitSubscriptions(Username As String, Password As String, contactID As Integer) UnitData As Array`

.NET

```
Try
  Dim contact_id As Integer = 47069
  Dim myUnitData () As UnitUnsubscribe.UnitData
  myUnitData = myService.getUnitSubscriptions ("username", "password",
                                               contact_id)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitUnsubscribe.wsdl";
$client = new SoapClient($wsdl);
$contact_id='47069';
$myUnitData = $client->getUnitSubscriptions("username","password",
                                            $contact_id);
```

RETURNS `myUnitData() array of unitid, unitname, subscribed`

13.3 Method: getUnitLastInteraction

Returns unit that the contact last interacted with. The API returns the last non Head Office unit interacted with. If no units are returned then the API checks the Head Office interactions and will return that unit if interactions exist.

13.3.1 Example: getUnitLastInteraction

Function: `getUnitLastInteraction (Username As String, Password As String, contactID As Integer) UnitData As Array`

.NET

```
    Try
      Dim contact_id As Integer = 47069
      Dim myUnitData () As UnitUnsubscribe.UnitData
      myUnitData = myService. getUnitLastInteraction("username", "password",
                                                     contact_id)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitUnsubscribe.wsdl";
    $client = new SoapClient($wsdl);
    $contact_id='47069';
    $myUnitData = $client-> getUnitLastInteraction("username", "password",
                                                   $contact_id);
```

RETURNS `myUnitData() array of unitid, unitname, subscribed`

13.4 Method: unsubscribeContact

Unsubscribe a contact from a unit. The API will remove the contact from all groups in that Unit and then stop broadcasts from that unit to the contact. If all units have been unsubscribed from then all Eflyers are stopped.

13.4.1 Example: unsubscribeContact

Function: `unsubscribeContact (Username As String, Password As String, unitID as Integer, contactID As Integer, reason as String) UnitData As Array`

.NET

```
    Try
      Dim contact_id As Integer = 47069
      Dim unit_id As Integer = 999
      Dim reason As String = 'Emigrating'
      Dim myUnitData () As UnitUnsubscribe.UnitData
      myUnitData = myService. unsubscribeContact ("username", "password",
                                                  unit_id, contact_id,reason)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitUnsubscribe.wsdl";
    $client = new SoapClient($wsdl);
    $contact_id='47069';
    $unit_id='999';
    $reason='Emigrating';
    $ myUnitData = $client-> unsubscribeContact("username","password",
                                                $unit_id,$contact_id,$reason);
```

RETURNS `myUnitData() array of unitid, unitname, subscribed`

Merged Content API

The Merged Content API provides methods for accessing merged content in both read and write.

File: https://secure.airship.co.uk/SOAP/V3/MergedContent.wsdl **Namespace:** MergedContentSOAP

14.1 Method: getMergedContent

This function is used to retrieve merged content for a supplied contentid and unitid.

14.1.1 Example: getMergedContent

Function: `getMergedContent(username As String, password As String, unitid as Integer, contentid as Integer)`

.NET

```
    Dim mycontent_id As Integer
    Dim myunit_id As Integer
    Dim msg As String = ""
    mycontent_id = 661
    myunit_id = 68
    Dim myContent() As MergedContentSOAP.MergedContentObject
    myContent = myService.getMergedContent("username","password",myunit_id,
                                           mycontent_id)
    msg = msg & myContent(0).content & Chr(13)
    MsgBox(msg)
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/MergedContent.wsdl";
$client = new SoapClient($wsdl);

$contentID = 661;
$unitID=69;
$myContent = $client->getMergedContent("username","password",$unitID,
                                       $contentID);
print_r($myContent);
```

RETURNS

```
MergedContentObjectArray(contentID As Integer, unitID as Integer, content as
String, lastupdated as datetime)
```

14.2 Method: updateMergedContent

This function is used to update merged content for a supplied contentid and array of unitids. If the content does not exist for a unit then it is added.

14.2.1 Example: updateMergedContent

Function: `updateMergedContent(username As String, password As String, unitids as Array of Integers, contentid as Integer, contentData as string) As Integer`

.NET

```
    Try
        Dim mycontent_id As Integer
        Dim myunitids(1) As Integer
        Dim mycontent As String
        Dim myResponse As String
        mycontent_id = 661
        myunitids(0) = 67
        myunitids(1) = 187
        mycontent = "Updated from .NET "

        myResponse = myService.updateMergedContent("username","password",
                                                  myunitids,mycontent_id,
                                                  mycontent)
        If myResponse.Equals(100) Then
            MsgBox("success: " & myResponse)
        Else
            MsgBox("success: " & myResponse)
        End If
    Catch ex As Exception
            MsgBox("updateMergedContent () Exception: " + ex.Message)
    End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/MergedContent.wsdl";
$client = new SoapClient($wsdl);

$contentID = 661;
$unitIDs=array(67,187);
$contentData='Updated from .PHP';
$myContent = $client->updateMergedContent("username", "password",$unitIDs,
                                          $contentID,$contentData);
```

RETURNS

`Success as Integer`

Milestone API

The milestones api allows for retrieval of, “milestone” data sets for a given contact record. It also provides a mechanism for setting a given contact as a “known detractor”.

File: https://secure.airship.co.uk/SOAP/V3/Milestones.wsdl **Namespace:** MilestoneSOAP

15.1 Method: getMilestones

This function can be used to retrieve a list of milestone names, milestone ids and a count of how many contacts currently achieve said milestone.

15.1.1 Example: getMilestones

Function: `getMilestones(username As String, password As String) As MilestoneSOAP.milestone()`

.NET

```
Try
    Dim myService As New MilestoneSOAP.MilestoneManager
    Dim myResponse(0) As MilestoneSOAP.milestone
    myResponse = myService.getMilestones("username", "password")
    If myResponse Is Nothing Then
        MsgBox("returned nothing")
    Else
        MsgBox("Success: " + myResponse(0).milestoneid)
    End If
Catch ex As Exception
    MsgBox("Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Milestones.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->getMilestones("username", "password");
if($myResponse instanceof SoapFault) {
    echo "Exception: ".$myResponse->getMessage();
} elseif(is_array($myResponse))
    if(!empty($myResponse)) {
        echo "success: ".print_r($myResponse,1);
    } else {
        echo "success: nothing found";
    }
} else {
    echo "failed: ".$myResponse;
}
```

RETURNS

```
Array of Object (
    $object->milestoneid,
    $object->milestonename,
    $object->milestonecount
)
```

15.2 Method: getContactMilestones

This function can be used to retrieve a contacts current milestone related data. All configured and active milestones will be returned along with currently awarded (y,n) and last awarded date & time. If the last awarded date is returned as 0000-00-00 00:00:00, the contact has never achieved this milestone.

15.2.1 Example: getContactMilestones

Function: `getContactMilestones(username As String, password As String, contactid As Integer) As MilestoneSOAP.milestone()`

.NET

```
   Try

      Dim myService As New MilestoneSOAP.MilestoneManager
      Dim myResponse(0) As MilestoneSOAP.milestone

      myResponse = myService.getContactMilestones("username","password",3794669)

      If myResponse Is Nothing Then
          MsgBox("returned nothing")
      Else
          MsgBox("Success: " + myResponse(0).milestoneid)
      End If

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

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Milestones.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getContactMilestones("username","password",3794669);

    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else {
            echo "success: nothing found";
        }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->milestoneid,
    $object->milestonename,
    $object->currentlyawarded,
    $object->lastawarded
)
```

15.3 Method: getStarRating

This function is used to retrieve the current star rating for a given contact. The value returned will be between 0 and 5. The value will be a decimal to two place precision and rounded to the nearest quarter.

15.3.1 Example: getStarRating

Function: `getStarRating(username As String, password As String, contentid as Integer)`

.NET

```
    Public myService As New MilestonesSOAP.Milestones
    Dim myStarRating As Integer
    Dim msg As String = ""
    myStarRating = myService.getStarRating("username","password",12345678)
    msg = msg & myStarRating
    MsgBox(msg)
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Milestones.wsdl";
$client = new SoapClient($wsdl);

$myStarRating = $client->getStarRating("username","password",$contactid);
print $myStarRating;
```

RETURNS

```
StarRating String
```

15.4 Method: getUpdatedContactsStarRating

This function can be used to show contacts for an account that have been updated since a supplied date. If the date supplied is older than 30 days then the call returns an error. This function will also return the current star rating for each contact returned.

15.4.1 Example: getUpdatedContactsStarRating

Function: `getUpdatedContactsStarRating (username As String, password As String, lastUpdatedTime As String) As MilestoneSOAP.contactMilestone()`

.NET

```
Try
    Dim myService As New MilestonesSOAP.Milestones
    Dim msg As String
    Dim myContacts() As MilestoneSOAP.contactMilestone
    myContacts = myService.getUpdatedContactsStarRating("username",
                                 "password","2015-08-13 08:00:00")
    For Each myRT In myContacts
         msg = msg & myRT.contactid & Chr(13)
         msg = msg & myRT.email & Chr(13)
         msg = msg & myRT.firstname & Chr(13)
         msg = msg & myRT.lastname & Chr(13)
         msg = msg & myRT.lastupdatetime & Chr(13)
         msg = msg & myRT.starrating & Chr(13)
    Next
    MsgBox(msg)

Catch ex As Exception
    MsgBox("getUDFValue() Exception: " + ex.Message)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Milestones.wsdl";
$client = new SoapClient($wsdl);
$myContacts = $client->getUpdatedContactsStarRating("username",
                                 "password","2015-08-13 08:00:00");
if($myResponse instanceof SoapFault) {
    echo "Exception: ".$myResponse->getMessage();
} else {
    echo "Response: ". print_r($myContacts,true);
}
```

RETURNS

```
Array of Object (
    object->contactid As Integer
    object->email As String
    object->firstname As String
    object->lastname As String
    object->lastupdatetime as String
    object->starrating as String
)
```

15.5 Method: setKnownDetractor

This function can be used to mark a contact record as a “Known Detractor”. This will award the contact with the “Known Detractor” milestone.

5. 5.1 Example: setKnownDetractor

Function: `setKnownDetractor(username As String, password As String, contactid As Integer) As Integer`

.NET

```
   Try

      Dim myService As New MilestoneSOAP.MilestoneManager
      Dim myResponse As Integer
      myResponse = myService.setKnownDetractor("username", "password", 3794669)
      If myResponse.Equals(100) Then
          MsgBox("success")
      Else
          MsgBox("failed: " & myResponse)
      End If

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

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Milestones.wsdl";
    $client = new SoapClient($wsdl);

    $myResponse = $client->setKnownDetractor ( "username", "password", 3794669);

    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif($myResponse == "100") {
        echo "success"
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

Loyalty API

The loyalty api allows for retrieval and addition of, “loyalty scheme” data.

File: https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl **Namespace:** LoyaltySOAP

16.1 Method: createLoyaltyScheme

This function can be used to create a new loyalty scheme. Scheme names must be unique, if a scheme already exists with the given “scheme name” a SOAP error will be thrown.

16.1.1 Example: createLoyaltyScheme

Function: `createLoyaltyScheme(username As String, password As String, scheme_name As String) As Integer`

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim mySchemeID As Integer
   mySchemeID = myService.createLoyaltyScheme("username",
                                              "password", "test scheme 1")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
$client = new SoapClient($wsdl);
$mySchemeID = $client->createLoyaltyScheme("username",
                                           "password","test scheme 1");
if($mySchemeID instanceof SoapFault) {
    echo "Exception: ".$mySchemeID->getMessage();
} elseif($mySchemeID >= 1) {
    echo "success"
} else {
    echo "failed: ".$mySchemeID;
}
```

RETURNS

`schemeID As Integer`

16.2 Method: updateLoyaltyScheme

This function can be used to rename an existing loyalty scheme. Scheme names must be unique, if a scheme already exists with the given “scheme name” a SOAP error will be thrown.

16.2.1 Example: updateLoyaltyScheme

Function: `updateLoyaltyScheme(username As String, password As String, scheme_id As Integer, new_scheme_name As String) As Integer`

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim myResponse As Integer
   myResponse = myService.updateLoyaltyScheme("username",
                                               "password", 1234, "test 2")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->updateLoyaltyScheme("username",
                                           "password", 1234, "test 2");
if($myResponse instanceof SoapFault) {
    echo "Exception: ".$ myResponse->getMessage();
} elseif($myResponse == "100") {
    echo "success"
} else {
    echo "failed: ".$myResponse;
}
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

16.3 Method: assignLoyaltySchemeUnits

This function can be used to assign loyalty schemes to units. Each call to this function overrides any previous unit_id linkages, therefore you must pass all relevant unit_ids each time you call this function to avoid losing any linkages. If an invalid scheme_id or unit_id is passed, a SOAP error will be thrown and no updates will take place.

16.3.1 Example: assignLoyaltySchemeUnits

Function: `assignLoyaltySchemeUnits(username As String, password As String, scheme_id As Integer, unit_ids As Array) As Integer`

.NET

```
   Try
      Dim myService As New LoyaltySOAP.LoyaltyManager
      Dim myResponse As Integer
      Dim myUnits(1) As Integer
      myUnits(0) = 67
      myUnits(1) = 187
      myResponse = myService.assignLoyaltySchemeUnits("username",
                                                       "password", 1234, myUnits)
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myUnits = array(67, 187);
    $myResponse = $client->assignLoyaltySchemeUnits("username",
                                                     "password", 1234, myUnits);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$ myResponse->getMessage();
    } elseif($myResponse == "100") {
        echo "success"
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

16.4 Method: addLoyaltySource

This function can be used to add a new loyalty source. Source names must be unique, if the given source_name already exists, the existing source_id will be returned.

16.4.1 Example: addLoyaltySource

Function: `addLoyaltySource(username As String, password As String, source_name As String) As Integer`

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim mySourceID As Integer
   mySourceID = myService.addLoyaltySource("username",
                                            "password", "test source 1")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
$client = new SoapClient($wsdl);
$mySourceID = $client->addLoyaltySource("username",
                                        "password","test source 1");
if($mySourceID instanceof SoapFault) {
    echo "Exception: ".$mySourceID->getMessage();
} elseif($mySourceID >= 1) {
    echo "success"
} else {
    echo "failed: ".$mySourceID;
}
```

RETURNS

`sourceID As Integer`

16.5 Method: getLoyaltySources

This function can be used to get all existing loyalty sources.

16.5.1 Example: getLoyaltySources

Function: `getLoyaltySources(username As String, password As String) As LoyaltySOAP.loyaltySourceArray()`

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltySourceArray
        myResponse = myService.getLoyaltySources("username", "password")
        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("Success: " + myResponse(0).loyalty_source_name)
        End If
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getLoyaltySources("username", "password");
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else {
            echo "success: nothing found";
        }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->loyalty_source_id,
    $object->loyalty_source_name,
    $object->loyalty_source_created
)
```

16.6 Method: assignLoyaltySchemeSources

This function can be used to assign one or more loyalty sources to a loyalty scheme. Each call to this function overrides any previous source_id linkages, therefore you must pass all relevant source_ids every time you call this function to avoid losing any linkages. If the scheme_id or any of the source_ids are invalid, a SOAP error will be thrown and no update will take place.

16.6.1 Example: assignLoyaltySchemeSources

Function: `assignLoyaltySchemeSources(username As String, password As String, scheme_id As Integer, source_ids As Array) As Integer`

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim myResponse As Integer
   Dim mySources(1) As Integer
   mySources(0) = 12
   mySources(1) = 123
   myResponse = myService.assignLoyaltySchemeSources("username",
                                                     "password", 1234,
                                                     mySources)
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
$client = new SoapClient($wsdl);
$mySources = array(12, 123);
$myResponse = $client->assignLoyaltySchemeSources("username",
                                                  "password", 1234,
                                                  mySources);
if($myResponse instanceof SoapFault) {
    echo "Exception: ".$ myResponse->getMessage();
} elseif($myResponse == "100") {
    echo "success"
} else {
    echo "failed: ".$myResponse;
}
```

RETURNS

```
statusID As Integer   (statusID = 100 for success)
```

16.7 Method: getLoyaltySchemeSources

This function can be used to get all loyalty sources currently assigned to a loyalty scheme. A valid scheme_id must be given or a SOAP error will be thrown.

16.7.1 Example: getLoyaltySchemeSources

Function: `getLoyaltySchemeSources(username As String, password As String, scheme_id As Integer) As LoyaltySOAP.loyaltySourceArray()`

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltySourceArray
        myResponse = myService.getLoyaltySchemeSources("username","password",12)
        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("Success: " + myResponse(0).loyalty_source_name)
        End If
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getLoyaltySchemeSources("username", "password");
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else {
            echo "success: nothing found";
        }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->loyalty_source_id,
    $object->loyalty_source_name,
    $object->loyalty_source_created
)
```

16.8 Method: getLoyaltySchemes

This function can be used to get all loyalty schemes, their source_ids and unit_ids.

16.8.1 Example: getLoyaltySchemes

Function: `getLoyaltySchemes(username As String, password As String) As LoyaltySOAP.loyaltySchemeArray()`

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltySchemeArray
        myResponse = myService.getLoyaltySchemes("username", "password")
        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("Success: " + myResponse(0).loyalty_scheme_name)
        End If
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getLoyaltySchemes("username", "password");
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else {
            echo "success: nothing found";
        }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->loyalty_scheme_id
    $object->loyalty_scheme_name
    $object->loyalty_scheme_created
    $object->loyalty_scheme_unit_ids As Array
    $object->loyalty_scheme_source_ids As Array
)
```

16.9 Method: createLoyaltySchemeInteraction

This function can be used to record a loyalty interaction against a scheme. A valid scheme_id, source_id, membership_number, interaction_datetime, interaction_value and interaction_type must be passed, if any of the values are invalid a SOAP error will be thrown. Interaction type must be one of 'credit', an addition or 'debit' a deduction. The membership number must already exist and be assigned to a contact. Interaction DateTime must be in the format 'YYYY-MM-DD HH:MM:SS'.

16.9.1 Example: createLoyaltySchemeInteraction

Function: createLoyaltySchemeInteraction(username As String, password As String, scheme_id As Integer, source_id As Integer, membership_number As String, interaction_datetime As String, interaction_value As Integer, interaction_type As String) interactionID As Integer

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim myInteractionID As Integer
   myInteractionID = myService.createLoyaltySchemeInteraction("username",
                                              "password", 123, 12, "14001",
                                              "2016-02-23 13:59:59",
                                              10, "credit")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
$client = new SoapClient($wsdl);
$myInteractionID = $client-> createLoyaltySchemeInteraction("username",
                                             "password", 123, 12, "14001",
                                             "2016-02-23 13:59:59",
                                             10, "credit");
if($myInteractionID instanceof SoapFault) {
    echo "Exception: ".$myInteractionID->getMessage();
} elseif($myInteractionID >= 1) {
    echo "success"
} else {
    echo "failed: ".$myInteractionID;
}
```

RETURNS

```
interactionID As Integer
```

16.10 Method: createLoyaltySchemeInteractionNote

This function can be used to add a note to a loyalty interaction. A valid interaction_id must be passed else a SOAP error will be thrown. Note text is limited to 65535 characters, extra characters will be trimmed and disregarded.

16.10.1 Example: createLoyaltySchemeInteractionNote

Function: `createLoyaltySchemeInteraction(username As String, password As String, interaction_id As Integer, note_text As String) interactionNoteID As Integer`

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim myInteractionNoteID As Integer
   myInteractionNoteID = myService.createLoyaltySchemeInteractionNote(
                                                "username", "password", 123,
                                                "test note 1")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wdsl";
$client = new SoapClient($wsdl);
$myInteractionNoteID = $client->createLoyaltySchemeInteractionNote(
                                            "username","password", 123,
                                            "test note 1");
if($myInteractionNoteID instanceof SoapFault) {
    echo "Exception: ".$myInteractionNoteID->getMessage();
} elseif($myInteractionNoteID >= 1) {
    echo "success"
} else {
    echo "failed: ".$myInteractionNoteID;
}
```

RETURNS

`interactionNoteID As Integer`

16.11 Method: getLoyaltyInteraction

This function can be used to read a loyalty interaction. A valid interaction_id must be passed else a SOAP error will be thrown.

16.11.1 Example: getLoyaltyInteraction

Function: getLoyaltyInteraction(username As String, password As String, interaction_id As Integer) As LoyaltySOAP.loyaltyInteraction

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltyInteraction
        myResponse = myService.getLoyaltyInteraction("username","password",9812)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getLoyaltyInteraction("username","password",9812);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else {
            echo "success: nothing found";
        }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Object (
    $object->loyalty_interaction_id
    $object->loyalty_scheme_id
    $object->loyalty_scheme_name
    $object->loyalty_interaction_source_id
    $object->loyalty_interaction_source_name
    $object->loyalty_interaction_contact_membership_number
    $object->loyalty_interaction_datetime
    $object->loyalty_interaction_value
    $object->loyalty_interaction_type
)
```

16.12 Method: getLoyaltyMembershipInteractions

This function can be used to read a membership numbers loyalty interactions. A valid membership number must be passed else a SOAP error will be thrown.

16.12.1 Example: getLoyaltyMembershipInteractions

```
Function: getLoyaltyMembershipInteractions(username As String, password As String,
membership_number As String, result_options As LoyaltySOAP.resultOptions
) As LoyaltySOAP.loyaltyInteractionArray()
```

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltyInteractionArray
        myResponse = myService.getLoyaltyMembershipInteractions("username",
                                                        "password","14001")
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getLoyaltyMembershipInteractions("username",
                                                        "password","14001");
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else { echo "success: nothing found"; }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->loyalty_interaction_id
    $object->loyalty_scheme_id
    $object->loyalty_scheme_name
    $object->loyalty_interaction_source_id
    $object->loyalty_interaction_source_name
    $object->loyalty_interaction_contact_membership_number
    $object->loyalty_interaction_datetime
    $object->loyalty_interaction_value
    $object->loyalty_interaction_type
)
```

16.13 Method: getLoyaltySourceInteractions

This function can be used to read a loyalty interactions for a given source ID. A valid source ID must be passed else a SOAP error will be thrown.

16.13.1 Example: getLoyaltySourceInteractions

```
Function: getLoyaltySourceInteractions(username As String, password As String,
source_id As Integer, result_options As result_options As
LoyaltySOAP.resultOptions) As LoyaltySOAP.loyaltyInteractionArray()
```

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltyInteractionArray
        myResponse = myService.getLoyaltySourceInteractions("username",
                                                            "password", 123)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getLoyaltySourceInteractions("username",
                                                        "password", 123);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else { echo "success: nothing found"; }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->loyalty_interaction_id
    $object->loyalty_scheme_id
    $object->loyalty_scheme_name
    $object->loyalty_interaction_source_id
    $object->loyalty_interaction_source_name
    $object->loyalty_interaction_contact_membership_number
    $object->loyalty_interaction_datetime
    $object->loyalty_interaction_value
    $object->loyalty_interaction_type
)
```

16.14 Method: getLoyaltySchemeMemberBalance

This function can be used to read the balance of loyalty points from a given scheme for a given membership number. A valid scheme ID and membership number must be passed else a SOAP error will be thrown.

16.14.1 Example: getLoyaltySchemeMemberBalance

Function: `getLoyaltySchemeMemberBalance(username As String, password As String, scheme_id As Integer, membership_number As String) pointsBalance As Integer`

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim myBalance As Integer
   myBalance = myService.getLoyaltySchemeMemberBalance("username","password",
                                                        123, "14001" )
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
$client = new SoapClient($wsdl);
$myBalance = $client->getLoyaltySchemeMemberBalance("username","password",
                                                     123, "14001" );
if($myBalance instanceof SoapFault) {
    echo "Exception: ".$myBalance->getMessage();
} elseif(is_numeric($myBalance)) {
    echo "success"
} else {
    echo "failed: ".$myBalance;
}
```

RETURNS

`pointsBalance As Integer`

16.15 Method: getLoyaltySchemeMemberBalances

This function can be used to read all loyalty member point balances from a given scheme that are equal to or greater than a given points value. A valid scheme ID and greater/equal than value must be passed else a SOAP error will be thrown.

16.15.1 Example: getLoyaltySchemeMemberBalances

Function: `getLoyaltySchemeMemberBalances(username As String, password As String, scheme_id As Integer, greater_equal_than As Integer) As loyaltyMemberBalanceArray()`

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltyMemberBalanceArray
        myResponse = myService.getLoyaltySchemeMemberBalances("username",
                                                 "password", 123, 0)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getLoyaltySchemeMemberBalances("username",
                                                "password", 123, 0);
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else { echo "success: nothing found"; }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->membership_number
    $object->contact_id
    $object->balance
)
```

16.16 Method: searchLoyaltyBalances

This function can be used to search all loyalty schemes and return an accumulative point balance for the schemes. Any filter values passed to the function must be valid else a SOAP error will be thrown.

16.16.1 Example: searchLoyaltyBalances

Function: `searchLoyaltyBalances(username As String, password As String, equal_args As LoyaltySOAP.loyaltyInteractionSearchObject, greater_equal_args As LoyaltySOAP.loyaltyInteractionSearchObject, less_equal_args As LoyaltySOAP.loyaltyInteractionSearchObject, in_sql_args As LoyaltySOAP.loyaltyInteractionObjectSearchInSQL, result_options As LoyaltySOAP.resultOptions) As LoyaltySOAP. loyaltySearchBalanceArray`

.NET

```
    Try
        Dim myService As New LoyaltySOAP.LoyaltyManager
        Dim myResponse As LoyaltySOAP.loyaltyMemberBalanceArray
        Dim OrderBy As LoyaltySOAP.resultOptions
        Dim EqualArgs As LoyaltySOAP.loyaltyInteractionSearchObject
        Dim GtEqualArgs As LoyaltySOAP.loyaltyInteractionSearchObject
        Dim LsEqualArgs As LoyaltySOAP.loyaltyInteractionSearchObject
        Dim InSQLArgs As LoyaltySOAP.loyaltyInteractionObjectSearchInSQL
        EqualArgs.loyalty_interaction_source_id = 12
        EqualArgs.loyalty_interaction_source_idSpecified = True
        myResponse = mySevice.searchLoyaltyBalances("username","password",
                     EqualArgs, GtEqualArgs, LsEqualArgs, InSQLArgs, OrderBy)
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
    $client = new SoapClient($wsdl);
    $EqualArgs = array("loyalty_interaction_source_id"=>12);
    $myResponse = $client->searchLoyaltyBalances("username","password",
                           $EqualArgs, array(), array(), array(), array())
    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    } elseif(is_array($myResponse))
        if(!empty($myResponse)) { echo "success: ".print_r($myResponse,1);
        } else { echo "success: nothing found"; }
    } else { echo "failed: ".$myResponse; }
```

RETURNS

```
Array of Object (
    $object->loyalty_scheme_id
    $object->loyalty_scheme_name
    $object->balance
)
```

16.17 Method: isMembershipNumberInUse

This function can be used to search for a given membership number to see if it is in use or not. The function will return “yes” if the membership number is already being used and “no” if available. Membership numbers are unique to your account.

16.17.1 Example: isMembershipNumberInUse

Function: `isMembershipNumberInUse(username As String, password As String, membership_number As String) Answer As String`

.NET

```
Try
   Dim myService As New LoyaltySOAP.LoyaltyManager
   Dim myResponse As String
   myResponse = myService.isMembershipNumberInUse("username", "password",
                                                   "14001")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Loyalty.wsdl";
$client = new SoapClient($wsdl);
$myResponse = $client->isMembershipNumberInUse("username", "password",
                                                "14001");
if($myResponse instanceof SoapFault)
{
    echo "Exception: ".$ myResponse->getMessage();
} elseif($myResponse == "yes") { echo "in use"
} elseif($myResponse == "no") { echo "not in use"
} else { echo "failed: ".$myResponse;
}
```

RETURNS

```
status As String   ("yes" = already in use - "no" = not in use)
```

Employment History API

The employment history api allows for retrieval and addition of a contacts “employment history” data.

File: https://secure.airship.co.uk/SOAP/V3/Employment.wsdl **Namespace:** EmploymentSOAP

17.1 Method: addSector

This function can be used to create a new employment sector. Sector names must be unique, if a sector already exists with the given “sector name” the existing sector_id will be returned.

17.1.1 Example: addSector

Function: addSector(username As String, password As String, sector_name As String) As Integer

.NET

```
Try
   Dim myService As New EmploymentSOAP.EmploymentManager
   Dim mySectorID As Integer
   mySectorID = myService.addSector("username", "password", "test sector")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
$client = new SoapClient($wsdl);
$mySectorID = $client->addSector("username", "password", "test sector");
if($mySectorID instanceof SoapFault) {
    echo "Exception: ".$mySectorID->getMessage();
} elseif($mySectorID >= 1) {
    echo "success"
} else {
    echo "failed: ".$mySectorID;
}
```

RETURNS

```
sectorID As Integer
```

17.2 Method: addCompany

This function can be used to create a new employment company. Company names must be unique, if a company already exists with the given “company name” the existing company_id will be returned.

17.2.1 Example: addCompany

Function: addCompany(username As String, password As String, company_name As String) As Integer

.NET

```
   Try
      Dim myService As New EmploymentSOAP.EmploymentManager
      Dim myCompanyID As Integer
      myCompanyID = myService.addCompany("username", "password", "test company")
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
    $client = new SoapClient($wsdl);
    $myCompanyID = $client->addCompany("username", "password", "test company");
    if($myCompanyID instanceof SoapFault) {
        echo "Exception: ".$myCompanyID->getMessage();
    } elseif($myCompanyID >= 1) {
        echo "success"
    } else {
        echo "failed: ".$myCompanyID;
    }
```

RETURNS

```
companyID As Integer
```

17.3 Method: addJobTitle

This function can be used to create a new employment job title. Job title names must be unique, if a job title already exists with the given “job title name” the existing job_title_id will be returned.

17.3.1 Example: addJobTitle

Function: addJobTitle(username As String, password As String, job_title_name As String) As Integer

.NET

```
   Try
      Dim myService As New EmploymentSOAP.EmploymentManager
      Dim myJobTitleID As Integer
      myJobTitleID = myService.addJobTitle("username", "password", "test job")
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
    $client = new SoapClient($wsdl);
    $myJobTitleID = $client->addJobTitle("username", "password", "test job");
    if($myJobTitleID instanceof SoapFault) {
        echo "Exception: ".$myJobTitleID->getMessage();
    } elseif($myJobTitleID >= 1) {
        echo "success"
    } else {
        echo "failed: ".$myJobTitleID;
    }
```

RETURNS

```
jobTitleID As Integer
```

17.4 Method: searchSectorsLikeName

This function can be used to find existing sector records where the sector_name begins with the characters given in sector_like_name. The examples below would find records starting with the string “tes”.

17.4.1 Example: searchSectorsLikeName

```
Function: searchSectorsLikeName(username As String, password As String,
sector_like_name As String) As employmentSectorObjectArray
```

.NET

```
   Try
      Dim myService As New EmploymentSOAP.EmploymentManager
      Dim myRecords() As EmploymentSOAP.employmentSectorObjectArray
      myRecords = myService.searchSectorsLikeName("username", "password", "tes")
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
    $client = new SoapClient($wsdl);
    $myRecords = $client->searchSectorsLikeName("username", "password", "tes");
    if($myRecords instanceof SoapFault) {
        echo "Exception: ".$myRecords->getMessage();
    } else {
        echo "found: ".print_r($myRecords,1);
    }
```

RETURNS

```
sectors As employmentSectorObjectArray
```

17.5 Method: searchCompaniesLikeName

This function can be used to find existing company records where the company_name begins with the characters given in company_like_name. The examples below would find records starting with the string “tes”.

17.5.1 Example: searchCompaniesLikeName

Function: searchCompaniesLikeName(username As String, password As String, company_like_name As String) As employmentCompanyObjectArray

.NET

```
Try
   Dim myService As New EmploymentSOAP.EmploymentManager
   Dim myRecords() As EmploymentSOAP.employmentCompanyObjectArray
   myRecords = myService.searchCompaniesLikeName("username", "password",
                                                 "tes")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
$client = new SoapClient($wsdl);
$myRecords = $client->searchCompaniesLikeName("username", "password",
                                               "tes");
if($myRecords instanceof SoapFault) {
    echo "Exception: ".$myRecords->getMessage();
} else {
    echo "found: ".print_r($myRecords,1);
}
```

RETURNS

```
companies As employmentCompanyObjectArray
```

17.6 Method: searchJobTitlesLikeName

This function can be used to find existing job title records where the job_title_name begins with the characters given in job_title_like_name. The examples below would find records starting with the string “tes”.

17.6.1 Example: searchJobTitlesLikeName

Function: searchJobTitlesLikeName(username As String, password As String, job_title_like_name As String) As employmentJobTitleObjectArray

.NET

```
Try
   Dim myService As New EmploymentSOAP.EmploymentManager
   Dim myRecords() As EmploymentSOAP.employmentJobTitleObjectArray
   myRecords = myService.searchJobTitlesLikeName("username", "password",
                                                  "tes")
End Try
```

.PHP

```
$wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
$client = new SoapClient($wsdl);
$myRecords = $client->searchJobTitlesLikeName("username", "password",
                                               "tes");
if($myRecords instanceof SoapFault) {
    echo "Exception: ".$myRecords->getMessage();
} else {
    echo "found: ".print_r($myRecords,1);
}
```

RETURNS

```
job_titles As employmentJobTitleObjectArray
```

17.7 Method: createEmploymentHistory

This function can be used to create an employment history record against a contactID. Each time the function is called successfully, a new employment_history_id will be returned.

17.7.1 Example: createEmploymentHistory

Function: createEmploymentHistory(username As String, password As String, employment_history_basic_object As employmentIDsObject) As Integer

.NET

```
   Try
      Dim myService As New EmploymentSOAP.EmploymentManager
      Dim myRecord As EmploymentSOAP.employmentIDsObject
      myID = myService.createEmploymentHistory("username", "password",
                                                          myRecord)
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
    $client = new SoapClient($wsdl);
    $basicHistoryObj = array('employment_history_contact_id'=>9707473,
                             'employment_history_job_title_id'=>0,
                             'employment_history_sector_id'=>7,
                             'employment_history_company_id'=>6,
                             'employment_history_start_date'=>'1993-09-26',
                             'employment_history_end_date'=>'');
    $myID = $client->createEmploymentHistory("username", "password",
                                                        $basicHistoryObj);
    if($myID instanceof SoapFault) {
        echo "Exception: ".$myID->getMessage();
    } elseif($myID >= 1) {
        echo "success: ".$myID;
    }
```

RETURNS

employment_history_id As Integer

Object Definition: employment_history_basic_object

```
'employment_history_contact_id'   - mandatory - valid contactID for account.
'employment_history_job_title_id' - optional  - a valid job title id.
'employment_history_sector_id'    - optional  - a valid sector id.
'employment_history_company_id'   - optional  - a valid company id.
'employment_history_start_date'   - optional  - a valid date e.g. '1993-09-26'.
```

```
'employment_history_end_date'     - optional  - a valid date e.g. '1993-09-26'.
```

17.8 Method: updateEmploymentHistory

This function is used to update an existing history record. The record will be fully updated, no values will remain, it is important to pass everything that needs to be stored. A valid employment_history_id must also be given and must belong to the account.

17.8.1 Example: updateEmploymentHistory

Function: `updateEmploymentHistory(username As String, password As String, employment_history_id As Integer, employment_history_basic_object As employmentIDsObject) As Integer`

.NET

```
   Try
      Dim myService As New EmploymentSOAP.EmploymentManager
      Dim myRecord As EmploymentSOAP.employmentIDsObject
      myStatus = myService.updateEmploymentHistory("username", "password", 1234,
                                                        myRecord)
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
    $client = new SoapClient($wsdl);
    $basicHistoryObj = array('employment_history_contact_id'=>9707473,
                             'employment_history_job_title_id'=>0,
                             'employment_history_sector_id'=>7,
                             'employment_history_company_id'=>6,
                             'employment_history_start_date'=>'1993-09-26',
                             'employment_history_end_date'=>'');
    $myStatus = $client->updateEmploymentHistory("username", "password", 1234,
                                                $basicHistoryObj);
    if($myStatus instanceof SoapFault) {
        echo "Exception: ".$myStatus->getMessage();
    } elseif($myStatus >= 1) {
        echo "success: ".$myStatus;
    }
```

RETURNS

`status As Integer (100 = success)`

Object Definition: `please refer to object definition in section 17.7`

17.9 Method: getContactEmploymentHistory

This function is used to update an existing history record. The record will be fully updated, no values will remain, it is important to pass everything that needs to be stored. A valid employment_history_id must also be given and must belong to the account.

17.9.1 Example: getContactEmploymentHistory

Function: `getContactEmploymentHistory(username As String, password As String, contact_id As Integer) As employmentObjectArray`

.NET

```
   Try
      Dim myService As New EmploymentSOAP.EmploymentManager
      Dim myRecords() As EmploymentSOAP.employmentObjectArray
      myRecords = myService.getContactEmploymentHistory("username", "password",
                                                     1234)
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Employment.wsdl";
    $client = new SoapClient($wsdl);

    $myRecords = $client->getContactEmploymentHistory("username", "password",
                                                   1234);
    if($myRecords instanceof SoapFault) {
        echo "Exception: ".$myRecords->getMessage();
    } else {
        echo "found: ".print_r($myRecords,1);
    }
```

RETURNS

```
contact_history_records As employmentObjectArray
```

Object Definition:

```
Array
(
    [0] => stdClass Object
        (
            [employment_history_id] => 3
            [employment_history_contact_id] => 5450780
            [employment_history_job_title_id] => 0
            [employment_history_sector_id] => 7
            [employment_history_company_id] => 6
            [employment_history_start_date] => 1993-09-26
            [employment_history_end_date] => 2010-12-31
            [employment_sector_name] => sector 4, both
            [employment_company_name] => Company 4, both
            [employment_job_title_name] =>
        )

    [1] => stdClass Object
        (
            [employment_history_id] => 5
            [employment_history_contact_id] => 5450780
            [employment_history_job_title_id] => 4
            [employment_history_sector_id] => 7
            [employment_history_company_id] => 6
            [employment_history_start_date] => 1993-09-26
            [employment_history_end_date] => 0000-00-00
            [employment_sector_name] => sector 4, both
            [employment_company_name] => Company 4, both
            [employment_job_title_name] => Job 3, revs
        )
)
```

Groups API

The Groups API allows management of groups and folders within CRM.

File: https://secure.airship.co.uk/SOAP/V3/Groups.wsdl **Namespace:** GroupsSOAP

18.1 Method: addGroup

This function can be used to add a new group to a given unit and folder. Group names must be unique and not blank. A valid UnitID and a FolderID within said Unit must also be provided.

18.1.1 Example: addGroup

Function: addGroup(username As String, password As String, groupName As String, unitId as Integer, folderId as Integer) As Integer

.NET

```
   Try
      Dim myService As New GroupsSOAP.Groups
      Dim myGroupID As Integer
      myGroupID = myService.addGroup("username", "password", "test group name",
67, 91)
   End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Groups.wsdl";
    $client = new SoapClient($wsdl);
    $myGroupID = $client->addGroup("username", "password", "test group name", 67,
91);
    if($myGroupID instanceof SoapFault) {
        echo "Exception: ".$myGroupID->getMessage();
    } elseif($myGroupID >= 1) {
        echo "success"
    } else {
        echo "failed: ".$myGroupID;
    }
```

RETURNS

```
groupID As Integer
```

UnitManager API

The Unit Manager API allows management of units within CRM.

File: https://secure.airship.co.uk/SOAP/V3/UnitManager.wsdl **Namespace:** UnitManagerSOAP

19.1 Method: createUnit

This function can be used to add a new unit. Unit names must be unique and not blank.

19.1.1 Example: createUnit

Function: createUnit(username As String, password As String, unitParams As unitParams object) As Integer

.NET

```
Dim msg As String = ""
Dim unitParam As New UnitManagerSOAP.unitParams

  unitParam.unit_name = "New Unit 30"
  unitParam.unit_web_name = "Web Name"
  unitParam.address_building_name = "Head Office"
  unitParam.address_street_number = "1 High St"
  unitParam.address_locality = "Downtown"
  unitParam.address_postcode = "S1 1BT"
  unitParam.address_city = "Big Apricot"
  unitParam.address_county = "Big County"
  unitParam.address_country = "Big Country"
  unitParam.company_name = "Testing"
  unitParam.sage_reference = "Sage"
  unitParam.accounts_email = "sage@testing.com"
  unitParam.default_originator = "Marketing"
  unitParam.default_email_reply_to_emailaddress = "default@testing.com"
  unitParam.default_email_from_name = "Support"
  unitParam.default_email_from_emailaddress = "support@testing.com"
  unitParam.unit_format = "3000000"
  unitParam.unit_area = "Unit Area"
  unitParam.unit_area_manager = "Unit Area Manager"
  unitParam.unit_utm_default_source = ""
  unitParam.unit_utm_default_medium = ""
  unitParam.unit_utm_default_campaign = ""
  unitParam.unit_bespoke_item_5 = "Ringways"
msg = myService.createUnit("username", "password", unitParam )
MsgBox(msg)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitManager.wsdl";
    $client = new SoapClient($wsdl);
    $unitParams = array(
       "unit_name"=>"New Unit 30",
       "unit_web_name"=>"Web Name",
       "address_building_name"=>"Head Office",
       "address_street_number"=>"1 High St"
       "address_locality"=>"Downtown",
       "address_postcode"=>"S1 1BT",
       "address_city"=>"Big Apricot",
       "address_county"=>"Big County",
       "address_country"=>"Big Country",
       "company_name"=>"Testing",
       "sage_reference"=>"Sage",
       "accounts_email"=>"sage@testing.com",
       "default_originator"=>"Marketing",
       "default_email_reply_to_emailaddress"=>"default@testing.com",
       "default_email_from_name"=>"Support",
       "default_email_from_emailaddress"=>"adminsupport@testing.com,
       "unit_format"=>"3000000",
       "unit_area"=>"Unit Area",
       "unit_area_manager"=>"Unit Area Manager",
       "unit_utm_default_source"=>"",
       "unit_utm_default_medium"=>"",
       "unit_utm_default_campaign"=>"",
       "unit_bespoke_item_3"=>"John's Place"
    );
    $myResponse = $this->client->createUnit($this->soap_user, $this->soap_pass,
$unitParams);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_int($myResponse) ) {
        echo "<pre>response: ".$this->myVarDump($myResponse)."</pre>";
    } else {
        echo "bad response: ".$this->myVarDump($myResponse);
    }
```

RETURNS `UnitID As Integer`

Object Definition: `unitParams`

'unit name'	Mandatory non blank
'unit web name'	Optional
'address building name'	Optional
'address street number'	Optional
'address locality'	Optional
'address postcode'	Optional
'address city'	Optional
'address county'	Optional

'address country'	Optional
'company name'	Optional
'sage reference'	Optional
'accounts email'	Optional - valid email address
'default originator'	Optional
'default email reply to emailaddress'	Optional - valid email address
'default email from name'	Optional
'default email from emailaddress'	Optional - valid email address
'unit format'	Optional
'unit area'	Optional
'unit area manager'	Optional
'unit utm default source'	Optional
'unit utm default medium'	Optional
'unit utm default campaign'	Optional
'unit bespoke item 1'	Optional
'unit bespoke item 2'	Optional
'unit bespoke item 3'	Optional
'unit bespoke item 4'	Optional
'unit bespoke item 5'	Optional
'unit bespoke item 6'	Optional
'unit bespoke item 7'	Optional
'unit bespoke item 8'	Optional
'unit bespoke item 9'	Optional
'unit bespoke item 10'	Optional

19.2 Method: updateUnit

This function can be used to update a unit. Unit names must be unique and not blank.

19.2.1 Example: updateUnit

Function: updateUnit(username As String, password As String, unitID, unitParams As unitParams object) As Integer

.NET

```
Dim msg As String = ""
Dim unitID as Integer
Dim unitParam As New UnitManagerSOAP.unitParams
unitID=1799
unitParam.unit_name = "New Unit 30"
unitParam.unit_web_name = "Web Name"
unitParam.unit_bespoke_item_5 = "Ringways Hotels"
msg = myService.updateUnit("username", "password",unitID, unitParam )
 MsgBox(msg)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitManager.wsdl";
    $client = new SoapClient($wsdl);
    $unitID = 1799;
    $unitParams = array(
       "unit_name"=>"New Unit 30",
       "unit_web_name"=>"Web Name",
       "unit_bespoke_item_9"=>"No 9"
    );
    $myResponse = $this->client->updateUnit($this->soap_user,
$this->soap_pass,$unitID, $unitParams);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_int($myResponse) ) {
        echo "<pre>response: ".$this->myVarDump($myResponse)."</pre>";
    } else {
        echo "bad response: ".$this->myVarDump($myResponse);
    }
```

RETURNS

100 As Success

19.3 Method: getUnit

This function can be used to retrieve unit data.

19.3.1 Example: getUnit

Function: getUnit(username As String, password As String, unitID) unitParams As unitParams object

.NET

```
      Dim msg As String = ""
      Dim unitID as Integer
      Dim unitParam As New UnitManagerSOAP.unitParams
      unitID=1799
      unitParam = myService.getUnit("username", "password",unitID )

      msg = "unit_name : " & unitParam.unit_name
      msg = msg & vbNewLine & "unit_web_name : " & unitParam.unit_web_name
      msg = msg & vbNewLine & "address_building_name : " &
unitParam.address_building_name
      msg = msg & vbNewLine & "address_street_number : " &
unitParam.address_street_number
      msg = msg & vbNewLine & "address_locality : " & unitParam.address_locality
      msg = msg & vbNewLine & "address_postcode : " & unitParam.address_postcode
      msg = msg & vbNewLine & "address_city : " & unitParam.address_city
      msg = msg & vbNewLine & "address_county : " & unitParam.address_county
      msg = msg & vbNewLine & "address_country : " & unitParam.address_country
      msg = msg & vbNewLine & "company_name : " & unitParam.company_name
      msg = msg & vbNewLine & "sage_reference : " & unitParam.sage_reference
      msg = msg & vbNewLine & "accounts_email : " & unitParam.accounts_email
      msg = msg & vbNewLine & "default_originator : " &
unitParam.default_originator
      msg = msg & vbNewLine & "default_email_reply_to_emailaddress : " &
unitParam.default_email_reply_to_emailaddress
      msg = msg & vbNewLine & "default_email_from_name : " &
unitParam.default_email_from_name
      msg = msg & vbNewLine & "default_email_from_emailaddress : " &
unitParam.default_email_from_emailaddress
      msg = msg & vbNewLine & "unit_format : " & unitParam.unit_format
      msg = msg & vbNewLine & "unit_area : " & unitParam.unit_area
      msg = msg & vbNewLine & "unit_area_manager : " & unitParam.unit_area_manager
      msg = msg & vbNewLine & "unit_utm_default_source : " &
unitParam.unit_utm_default_source
      msg = msg & vbNewLine & "unit_utm_default_medium : " &
unitParam.unit_utm_default_medium
      msg = msg & vbNewLine & "unit_utm_default_campaign : " &
unitParam.unit_utm_default_campaign
      msg = msg & vbNewLine & "unit_bespoke_item_1 : " &
unitParam.unit_bespoke_item_1
      msg = msg & vbNewLine & "unit_bespoke_item_2 : " &
unitParam.unit_bespoke_item_2
      msg = msg & vbNewLine & "unit_bespoke_item_3 : " &
unitParam.unit_bespoke_item_3
      msg = msg & vbNewLine & "unit_bespoke_item_4 : " &
unitParam.unit_bespoke_item_4
```

```
      msg = msg & vbNewLine & "unit_bespoke_item_5 : " &
unitParam.unit_bespoke_item_5
      msg = msg & vbNewLine & "unit_bespoke_item_6 : " &
unitParam.unit_bespoke_item_6
      msg = msg & vbNewLine & "unit_bespoke_item_7 : " &
unitParam.unit_bespoke_item_7
      msg = msg & vbNewLine & "unit_bespoke_item_8 : " &
unitParam.unit_bespoke_item_8
      msg = msg & vbNewLine & "unit_bespoke_item_9 : " &
unitParam.unit_bespoke_item_9
      msg = msg & vbNewLine & "unit_bespoke_item_10 : " &
unitParam.unit_bespoke_item_10
       MsgBox(msg)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitManager.wsdl";
    $client = new SoapClient($wsdl);
    $unitID = 1791;
    $myResponse = $this->client->getUnit($this->soap_user, $this->soap_pass,
$unitID);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(isset($myResponse->unit_name) ) {
        echo "<pre>response: ".$this->myVarDump($myResponse)."</pre>";
    } else {
        echo "bad response: ".$this->myVarDump($myResponse);
    }
```

RETURNS

`unitParams Object`

19.4 Method: deleteUnit

This function can be used to delete a unit.

19.4.1 Example: deleteUnit

Function: deleteUnit(username As String, password As String, unitID) As Integer

.NET

```
Dim msg As String = ""
Dim unitID as Integer
unitID=1799
msg = myService.deleteUnit("username", "password",unitID )
 MsgBox(msg)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitManager.wsdl";
    $client = new SoapClient($wsdl);
    $unitID = 1799;

    $myResponse = $this->client->deleteUnit($this->soap_user,
$this->soap_pass,$unitID);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(is_int($myResponse) ) {
        echo "<pre>response: ".$this->myVarDump($myResponse)."</pre>";
    } else {
        echo "bad response: ".$this->myVarDump($myResponse);
    }
```

RETURNS

100 As Success

19.5 Method: getUnitBespokeMap

This function returns the bespoke item map for a Unit.

19.5.1 Example: getUnitBespokeMap

Function: getUnitBespokeMap (username As String, password As String, UnitID As Integer) As object unitBespokeMap

.NET

```
      Dim msg As String = ""
      Dim unitID as Integer
      unitID=1799
      Dim unitBespokeMap As New UnitManagerSOAP.unitBespokeMap
      unitID = 1799
      unitBespokeMap = myService. getUnitBespokeMap("username", "password", unitID
)
      msg = "unit_bespoke_item_1 : " & unitBespokeMap.unit_bespoke_item_1
      msg = msg & vbNewLine & "unit_bespoke_item_2 : " &
unitBespokeMap.unit_bespoke_item_2
      msg = msg & vbNewLine & "unit_bespoke_item_3 : " &
unitBespokeMap.unit_bespoke_item_3
      msg = msg & vbNewLine & "unit_bespoke_item_4 : " &
unitBespokeMap.unit_bespoke_item_4
      msg = msg & vbNewLine & "unit_bespoke_item_5 : " &
unitBespokeMap.unit_bespoke_item_5
      msg = msg & vbNewLine & "unit_bespoke_item_6 : " &
unitBespokeMap.unit_bespoke_item_6
      msg = msg & vbNewLine & "unit_bespoke_item_7 : " &
unitBespokeMap.unit_bespoke_item_7
      msg = msg & vbNewLine & "unit_bespoke_item_8 : " &
unitBespokeMap.unit_bespoke_item_8
      msg = msg & vbNewLine & "unit_bespoke_item_9 : " &
unitBespokeMap.unit_bespoke_item_9
      msg = msg & vbNewLine & "unit_bespoke_item_10 : " &
unitBespokeMap.unit_bespoke_item_10
      MsgBox(msg)
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/UnitManager.wsdl";
    $client = new SoapClient($wsdl);
    $unitID = 1799;
    $myResponse = $this->client->getUnitBespokeMap($this->soap_user,
$this->soap_pass, $unitID);
    if($myResponse instanceof SoapFault) {
        die("Exception: ".$myResponse->getMessage());
    } elseif(isset($myResponse->unit_bespoke_item_1) ) {
        echo "<pre>response: ".$this->myVarDump($myResponse)."</pre>";
    } else {
        echo "bad response: ".$this->myVarDump($myResponse);
    }
```

RETURNS

`unitBespokeMap Object`

Object Definition: `unitBespokeMap`

Bespoke Item	Example
'unit bespoke item 1'	Accounts Reference
'unit bespoke item 2'	Marketing Reference
'unit bespoke item 3'	Head Office Reference
'unit bespoke item 4'	
'unit bespoke item 5'	
'unit bespoke item 6'	
'unit bespoke item 7'	
'unit bespoke item 8'	
'unit bespoke item 9'	
'unit bespoke item 10'	

20 Consent API

The Consent API allows management of consent within CRM.

File: https://secure.airship.co.uk/SOAP/V3/Consent.wsdl **Namespace:** ConsentSOAP

20.1 Method: getConsentTypes

This function returns the consent types.

20.1.1 Example: getConsentTypes

Function: getConsentTypes(username As String, password As String) As ConsentSOAP.consentTypeStruct()

.NET

```
    Try
        Dim myService As New ConsentSOAP.ConsentManager
        Dim myResponse As ConsentSOAP.consentTypeStructArray
        myResponse = myService.getConsentTypes("username", "password")
        If myResponse Is Nothing Then
            MsgBox("returned nothing")
        Else
            MsgBox("Success: " + myResponse(0).consent_type_name)
        End If
    End Try
```

.PHP

```
    $wsdl = "https://secure.airship.co.uk/SOAP/V3/Consent.wsdl";
    $client = new SoapClient($wsdl);
    $myResponse = $client->getConsentTypes("username", "password");

    if($myResponse instanceof SoapFault) {
        echo "Exception: ".$myResponse->getMessage();
    }
    elseif(is_array($myResponse)) {
        if(!empty($myResponse)) {
            echo "success: ".print_r($myResponse,1);
        } else {
            echo "success: nothing found";
        }
    } else {
        echo "failed: ".$myResponse;
    }
```

RETURNS

```
Array of Object (
    $object->consent_type_id,
    $object->consent_type_name,
    $object->consent_type_description
)
```