

ConvergeHub SOAP API Documentation

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API Reference Document

API Methods

Method Name	Purpose
login	To login in Converge Enterprise
getFields	To get fields name from specificConverge Enterprise module
insertRecord	To insert record into specificConverge Enterprise module
updateRecord	To update or modify the record in Converge Enterprise
deleteRecord	To delete the selected record
getRecord	To fetch data specified in the API request
findRecord	To fetch data specified in the API request
searchByKey	To fetch data by specified search key
searchByEmail	To fetch data by specified email address
syncEmail	To sync email in Converge Enterprise module
syncToCRM	To sync records in Converge Enterprise module
syncToOutlook	To sync records from Converge Enterprise module to Outlook
buildRelationship	To build relation in Converge Enterprise module
getServerTime	To fetch server time from Converge Enterprise
logout	To logout from Converge Enterprise

login Method

Purpose:

We can use this function to login in CRM using API. It returns [status], [token], [message].

Request Parameter:

Parameter		Required	Datatype	Description
userName		Yes	string	User name for login
passWord		Yes	string	Password for login
apiKey		Yes	string	16 digit alpha-numeric data provided to the admin
product_type	tns:ValidList	No	string	Type shouldbe 'features'
product_id		No	string	36 digit characters for checking validation

Call:

```
$client = new soapclient('https://app01.convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->login($loginData);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:LoginData">
    <userName xsi:type="xsd:string">laura.morgan@xyz.com</userName>
    <passWord xsi:type="xsd:string">E14he_7cK</passWord>
    <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
    <validate xsi:type="tns:ValidList">
        <product_type xsi:type="xsd:string">features</product_type>
        <product_id xsi:type="xsd:string">js4dof57-j8g8-48ry-d88f-5u8wd9727dlx</product_id>
    </validate>
</tns:LoginData>
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:LoginResult">
```

```
<status xsi:type="xsd:string">success</status>
<token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsMjs...Fk9Qe3RhnpseKPEyzg</token>
<message xsi:type="xsd:string">Login successful</message>
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:LoginResult">
  <status xsi:type="xsd:string">error</ status>
  <token xsi:type="xsd:string"></ token>
  <message xsi:type="xsd:string">Invalid Authentication Credentials</ message>
</return>
```

getFields Method

Purpose:

We can use this function to fetch fields name from a specific module of CRM using token, apiKey & module. It returns [status], [message], [fieldsArr] and [fieldsArr] itself an array of [fieldName].

Request Parameter:

Parameter	Required	Datatype	Description
token	Yes	string	Needed for authenticating the user
apiKey	Yes	string	Used to make API calls
module	Yes	string	Module name e.g. 'Leads'/'Contacts'/'Tasks'

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->getFields ($token, $apikey, $module);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:getFields ">
    <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsMjs...Fk9Qe3RhnpseKPEyzg </token>
    <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
    <module xsi:type="xsd:string">Leads</module>
</tns:getFields >
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:GetFieldsResultArrayResponse">
    <status xsi:type="xsd:string">success</status>
    <message xsi:type="xsd:string">
</message>
    <fieldsArr xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:GetFieldsResult[54]">
    <item xsi:type="tns:GetFieldsResult">
    <fieldName xsi:type="xsd:string">id</fieldName>
    </item>
```

```

<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">tenant_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">date_entered</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">date_modified</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">modified_user_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">is_assigned</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">created_by</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">description</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">deleted</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">salutation</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">first_name</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">last_name</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">title</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">department</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">do_not_call</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">primary_address_street</fieldName>
</item>

```

```

<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">primary_address_street_2</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">primary_address_city</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">primary_address_state</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">primary_address_postalcode</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">primary_address_country</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">alt_address_street</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">alt_address_street_2</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">alt_address_city</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">alt_address_state</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">alt_address_postalcode</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">alt_address_country</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">converted</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">referred_by</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">lead_source</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">status</fieldName>
</item>

```

```

<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">type</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">account_name</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">contact_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">account_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">deal_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">birthdate</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">score</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">campaign_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">ref_tenant_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">data_source</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">data_source_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">industry</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">sales_process_id</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">website</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">annual_revenue</fieldName>
</item>

```

```
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">employees</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">assigned_to</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">phone</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">email</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">position_cstm</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">rating_cstm</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">custom_date_cstm</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">item_cstm</fieldName>
</item>
<item xsi:type="tns:GetFieldsResult">
  <fieldName xsi:type="xsd:string">test_text_cstm</fieldName>
</item>
</fieldsArr>
</return>
```

Additional Note:

In case of custom fields, '_cstm' will be added after field name as a suffix like 'rating_cstm', where rating is the field name.

```
<Item xsi:type="tns:NameValueList">
  <fieldName xsi:type="xsd:string">rating_cstm</fieldName>
</Item>
```

insertRecord Method

Purpose:

We can use this function for add data to CRM using request data & module. It returns [status], [id], [message].

Request Parameter:

Parameter				Required	Datatype	Description	
token				Yes	string	Needed for authenticating the user	
apiKey				Yes	string	Used to make API calls	
module			tns:Ad dToCr m	Yes	string	Module name e.g. 'Leads'/'Contacts'/'Tasks'	
name		tns:Na meVal ueList Array		Yes	string	Field name what to add	
value				Yes	string	Field value with what to add	
name	tns:Na meVal ueList	tns:E ntryL ist		tns:Fi eldList	No	string	Field name what to add
value					No	string	Field value with what to add
bean_id		tns:Be anList Array		No	string	Make relation with which id	
bean_module				No	string	Make relation with which module	

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->create($token, $apikey, $data_create);
```

Additional Note:

In case of add email address, field name should be 'email'.

```
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">email</name>
  <value xsi:type="xsd:string">joe.heyden@gmail.com</value>
</Item>
```

In case of add phone numbers, field name should be 'phone'.

```
<Item xsi:type="tns:NameValueList">
```

```
<name xsi:type="xsd:string">phone</name>
<value xsi:type="xsd:string">19162</value>
</Item>
```

In case of add tag, field name should be 'tag_name_input', category name should be 'tag_category_input'

```
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_name_input</name>
  <value xsi:type="xsd:string">Tag urgent</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_category_input</name>
  <value xsi:type="xsd:string">Category Leads</value>
</Item>
```

In case of add assigned_to, field name should be '**assigned_to**' and the value of assigned_to fields will be either username of a user or full name of a user or user id of any user. If assigned_to field is not provided during insert function, then the current user will related with inserted record as assigned_user.

```
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">assigned_to</name>
<value xsi:type="xsd:string">john.stamos@xyz.com</value>
      OR
<value xsi:type="xsd:string">John Stamos</value>
      OR
<value xsi:type="xsd:string">5f566f5d-4cc9-8c0d-e47f-50cf135369f1</value>
</Item>
```

In case of add custom fields, '_cstm' will be added after field name as a suffix like 'rating_cstm', where rating is the field name.

```
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">rating_cstm</name>
<value xsi:type="xsd:string">24</value>
</Item>
```

In case of add line_details items every thing must be in the array of element named 'request_details' with name value pair. Like –

```
<requestDetails xsi:type="tns:FieldList">
  <entry_list soapenc:arrayType="tns:EntryList[2]">
    <Item xsi:type="tns:EntryList">
      <name_value_list soapenc:arrayType="tns:NameValueList[9]">
```

```

<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_id</name>
  <value xsi:type="xsd:string">bab5f1a4-bb30-f3fd-453b-544f5f684f0a</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_module</name>
  <value xsi:type="xsd:string">products</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quantity</name>
  <value xsi:type="xsd:string">1</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">50.00</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">50</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">Sales Tax (1%),0.5</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_2</name>
  <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">0.00</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_total</name>
  <value xsi:type="xsd:string">0.5</value>
</Item>
</name_value_list>
</Item>
<Item xsi:type="tns:EntryList">
  <name_value_list soapenc:arrayType="tns:NameValueList[9]">
    <Item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">bean_id</name>
      <value xsi:type="xsd:string">efd46e1e-79d6-fdc5-aa5c-54531801b899</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">bean_module</name>
      <value xsi:type="xsd:string">products</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">quantity</name>
      <value xsi:type="xsd:string">2</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">list_price</name>

```

```

        <value xsi:type="xsd:string">60.00</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">total</name>
        <value xsi:type="xsd:string">120</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">tax</name>
        <value xsi:type="xsd:string">Sales Tax (2%),2.4</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">tax_2</name>
        <value xsi:type="xsd:string" />
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">discount</name>
        <value xsi:type="xsd:string">0.00</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">tax_total</name>
        <value xsi:type="xsd:string">2.4</value>
      </Item>
    </name_value_list>
  </Item>
</entry_list>
</requestDetails>

```

Request:

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<tns:create>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:AddDataToCrm">
    <module xsi:type="xsd:string">Leads</module>
    <request soapenc:arrayType="tns:NameValueList[6]">
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">salutation</name>
        <value xsi:type="xsd:string">Mr.</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">first_name</name>
        <value xsi:type="xsd:string">Joe</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">last_name</name>
        <value xsi:type="xsd:string">Hayden</value>
      </Item>
      <Item xsi:type="tns:NameValueList">

```

```

        <name xsi:type="xsd:string">department</name>
        <value xsi:type="xsd:string">Education</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">description</name>
        <value xsi:type="xsd:string">These are the sample data.</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">lead_source</name>
        <value xsi:type="xsd:string">Incoming Call</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">title</name>
        <value xsi:type="xsd:string">Sample Title</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">referred_by</name>
        <value xsi:type="xsd:string">Mary Elizabeth</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">status</name>
        <value xsi:type="xsd:string">New</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">account_name</name>
        <value xsi:type="xsd:string">Anna Young</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">type</name>
        <value xsi:type="xsd:string">Person</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">primary_address_street</name>
        <value xsi:type="xsd:string">555 Broadway</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">primary_address_street_2</name>
        <value xsi:type="xsd:string" />
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">primary_address_city</name>
        <value xsi:type="xsd:string">Rochester</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">primary_address_state</name>

```

```

        <value xsi:type="xsd:string">State of New York</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">primary_address_postalcode</name>
        <value xsi:type="xsd:string">16205</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">primary_address_country</name>
        <value xsi:type="xsd:string">United States</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">alt_address_street</name>
        <value xsi:type="xsd:string" />
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">alt_address_street_2</name>
        <value xsi:type="xsd:string" />
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">alt_address_city</name>
        <value xsi:type="xsd:string" />
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">alt_address_state</name>
        <value xsi:type="xsd:string" />
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">alt_address_postalcode</name>
        <value xsi:type="xsd:string" />
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">alt_address_country</name>
        <value xsi:type="xsd:string" />
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">birthdate</name>
        <value xsi:type="xsd:string">1988-09-19</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">score</name>
        <value xsi:type="xsd:string">2</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">phone</name>
        <value xsi:type="xsd:string">19162</value>
    </Item>

```

```

</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">email</name>
  <value xsi:type="xsd:string">joe.heyden@gmail.com</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_name_input</name>
  <value xsi:type="xsd:string">Tag urgent</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_category_input</name>
  <value xsi:type="xsd:string">Category Leads</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">rating_cstm</name>
  <value xsi:type="xsd:string">24</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">industry</name>
  <value xsi:type="xsd:string">Footwear</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">website</name>
  <value xsi:type="xsd:string">www.samplewebsite.com</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">data_source</name>
  <value xsi:type="xsd:string">API_MOBILE</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">assigned_to</name>
  <value xsi:type="xsd:string">john.stamos@xyz.com</value>
</Item>
</request>
<relationship soapenc:arrayType="tns:BeanList [1]">
  <Item xsi:type="tns:BeanList">
    <bean_id xsi:type="xsd:string">83136f59-e79e-a0ec-badc-535651a80d4e</bean_id>
    <bean_module xsi:type="xsd:string">targetlists</bean_module>
  </item>
</relationship>
</data>
</tns:create>

```

In case of add line item details for quotations, invoices modules

```
<?xml version="1.0" encoding="ISO-8859-1"?>
```

```
<tns:create>
```

```

<token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnPseKPEyzg</token>
<apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
<data xsi:type="tns:AddDataToCrm" />
<module xsi:type="xsd:string">Quotations</module>
<request soapenc:arrayType="tns:NameValueList[6]">
  <Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">name</name>
    <value xsi:type="xsd:string">New Quotes</value>
  </Item>
  <Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">sub_total</name>
    <value xsi:type="xsd:string">170</value>
  </Item>
  <Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">grand_total</name>
    <value xsi:type="xsd:string">172.90</value>
  </Item>
  <Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">data_source</name>
    <value xsi:type="xsd:string">QuickBooksDS</value>
  </Item>
  <Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">data_source_id</name>
    <value xsi:type="xsd:string">28-1408941730</value>
  </Item>
  <Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">status</name>
    <value xsi:type="xsd:string">Add to CRM</value>
  </Item>
</request>
<requestDetails xsi:type="tns:FieldList">
  <entry_list soapenc:arrayType="tns:EntryList[2]">
    <Item xsi:type="tns:EntryList">
      <name_value_list soapenc:arrayType="tns:NameValueList[9]">
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_id</name>
          <value xsi:type="xsd:string">bab5f1a4-bb30-f3fd-453b-544f5f684f0a</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_module</name>
          <value xsi:type="xsd:string">products</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">quantity</name>
          <value xsi:type="xsd:string">1</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">list_price</name>
          <value xsi:type="xsd:string">50.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">total</name>
          <value xsi:type="xsd:string">50</value>
        </Item>
      </name_value_list>
    </Item>
  </entry_list>
</requestDetails>

```

```

        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax</name>
          <value xsi:type="xsd:string">Sales Tax (1%),0.5</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_2</name>
          <value xsi:type="xsd:string" />
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">discount</name>
          <value xsi:type="xsd:string">0.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_total</name>
          <value xsi:type="xsd:string">0.5</value>
        </Item>
      </name_value_list>
    </Item>
    <Item xsi:type="tns:EntryList">
      <name_value_list soapenc:arrayType="tns:NameValueList[9]">
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_id</name>
          <value xsi:type="xsd:string">efd46e1e-79d6-fdc5-aa5c-54531801b899</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_module</name>
          <value xsi:type="xsd:string">products</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">quantity</name>
          <value xsi:type="xsd:string">2</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">list_price</name>
          <value xsi:type="xsd:string">60.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">total</name>
          <value xsi:type="xsd:string">120</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax</name>
          <value xsi:type="xsd:string">Sales Tax (2%),2.4</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_2</name>
          <value xsi:type="xsd:string" />
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">discount</name>
          <value xsi:type="xsd:string">0.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_total</name>

```

```

                <value xsi:type="xsd:string">2.4</value>
            </Item>
        </name_value_list>
    </Item>
</entry_list>
</requestDetails>
<relationship soapenc:arrayType="tns:BeanList[1]">
    <Item xsi:type="tns:BeanList">
        <bean_id xsi:type="xsd:string" />
        <bean_module xsi:type="xsd:string" />
    </Item>
</relationship>
</data>
</tns:create>

```

Response: Success

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
    <status xsi:type="xsd:string">success</status>
    <id xsi:type="xsd:string">cf6d2ba8-91c9-4958-3c48-521eda4294e4</id>
    <message xsi:type="xsd:string"></message></return>

```

Response: Error

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
    <status xsi:type="xsd:string">error</status>
    <id xsi:type="xsd:string"></id>
    <message xsi:type="xsd:string">Invalid API key</message>
</return>

```

In case of required custom fields, value can't be left blank.

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
    <status xsi:type="xsd:string">error</status>
    <id xsi:type="xsd:string"></id>
    <message xsi:type="xsd:string">My custom field required</message>
</return>

```

In case of duplicate email address used for leads.

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">

```

```
<status xsi:type="xsd:string">error</status>
<id xsi:type="xsd:string"></id>
<message xsi:type="xsd:string">Email address already exists</message>
</return>
```

In case of adding first name and last name for a lead, can not be same. Like first_name is 'John' and last_name is also 'John'.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">First name & Last name should not be same</message>
</return>
```

In case of add phone numbers, field length must be atleast 8 characters and should not contain value like '12345678'.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">Phone Number should contain minimum 8
characters</message>
```

OR

```
<message xsi:type="xsd:string">Phone Number should not be 12345678</message>
</return>
```

updateRecord Method

Purpose:

We can use this function for update data to CRM using request data, id & module. It returns [status], [id], [message].

Request Parameter:

Parameter				Required	Datatype	Description	
token				Yes	string	Needed for authenticating the user	
apiKey				Yes	string	Used to make API calls	
module			tns:Up dateTo Crm	Yes	string	Module name e.g. 'Leads'/'Contacts'/'Tasks'	
id				Yes	string	Id of whose data will be update	
name		tns:NameValue ListArray		Yes	string	Field name what to update	
value				Yes	string	Field value with what to update	
name	tns:Na meVal ueList	tns:E ntryL ist		tns:Fi eldLis t	No	string	Field name what to add
value					No	string	Field value with what to add

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->update($token, $apikey, $data_update);
```

Additional Note:

In case of update email address, field name should be 'email'.

```
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">email</name>
  <value xsi:type="xsd:string">bryan.hall@yahoo.com</value>
</Item>
```

In case of update phone numbers, field name should be 'phone'.

```
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">phone</name>
```

```
<value xsi:type="xsd:string">8746</value>
</Item>
```

In case of update tag, field name should be 'tag_name_input', category name should be 'tag_category_input'

```
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_name_input</name>
  <value xsi:type="xsd:string">Tag low priority</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_category_input</name>
  <value xsi:type="xsd:string">Category Urgent</value>
</Item>
```

In case of update custom fields, '_cstm' will be added after field name as a suffix like 'rating_cstm', where rating is the field name.

```
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">rating_cstm</name>
<value xsi:type="xsd:string">17</value>
</Item>
```

In case of update assigned_to, field name should be '**assigned_to**' and the value of assigned_to fields will be either username of a user or full name of a user or user id of any user. If assigned_to field is not provided during insert function, then the current user will related with inserted record as assigned_user.

```
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">assigned_to</name>
<value xsi:type="xsd:string">john.stamos@xyz.com</value>
OR
<value xsi:type="xsd:string">John Stamos</value>
OR
<value xsi:type="xsd:string">5f566f5d-4cc9-8c0d-e47f-50cf135369f1</value>
</Item>
```

In case of update line_details items every thing must be in the array of element named 'request_details' with name value pair. Like –

```
<requestDetails xsi:type="tns:FieldList">
  <entry_list soapenc:arrayType="tns:EntryList[2]">
    <Item xsi:type="tns:EntryList">
      <name_value_list soapenc:arrayType="tns:NameValueList[9]">
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_id</name>
          <value xsi:type="xsd:string">bab5f1a4-bb30-f3fd-453b-544f5f684f0a</value>
        </Item>
```

```

        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_module</name>
          <value xsi:type="xsd:string">products</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">quantity</name>
          <value xsi:type="xsd:string">1</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">list_price</name>
          <value xsi:type="xsd:string">50.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">total</name>
          <value xsi:type="xsd:string">50</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax</name>
          <value xsi:type="xsd:string">Sales Tax (1%),0.5</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_2</name>
          <value xsi:type="xsd:string" />
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">discount</name>
          <value xsi:type="xsd:string">0.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_total</name>
          <value xsi:type="xsd:string">0.5</value>
        </Item>
      </name_value_list>
    </Item>
    <Item xsi:type="tns:EntryList">
      <name_value_list soapenc:arrayType="tns:NameValueList[9]">
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_id</name>
          <value xsi:type="xsd:string">efd46e1e-79d6-fdc5-aa5c-54531801b899</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_module</name>
          <value xsi:type="xsd:string">products</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">quantity</name>
          <value xsi:type="xsd:string">2</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">list_price</name>
          <value xsi:type="xsd:string">60.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">total</name>

```

```

        <value xsi:type="xsd:string">120</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">tax</name>
        <value xsi:type="xsd:string">Sales Tax (2%),2.4</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">tax_2</name>
        <value xsi:type="xsd:string" />
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">discount</name>
        <value xsi:type="xsd:string">0.00</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">tax_total</name>
        <value xsi:type="xsd:string">2.4</value>
      </Item>
    </name_value_list>
  </Item>
</entry_list>
</requestDetails>

```

Request:

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<tns:update>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:UpdateDataToCrm">
    <id xsi:type="xsd:string">6002330a-8cf9-7330-f206-524038bd56c1</id>
    <module xsi:type="xsd:string">Leads</module>
    <request soapenc:arrayType="tns:NameValueList[33]">
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">salutation</name>
        <value xsi:type="xsd:string">Mr.</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">first_name</name>
        <value xsi:type="xsd:string">Bryan</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">last_name</name>
        <value xsi:type="xsd:string">Hall</value>
      </Item>
      <Item xsi:type="tns:NameValueList">

```

```
<name xsi:type="xsd:string">department</name>
<value xsi:type="xsd:string">Energy Lab</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">description</name>
<value xsi:type="xsd:string">These are the sample data.</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">lead_source</name>
<value xsi:type="xsd:string">Email Campaign</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">title</name>
<value xsi:type="xsd:string">Sample Title</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">referred_by</name>
<value xsi:type="xsd:string">Mary Elizabeth</value>
</Item>
```

```
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">status</name>
<value xsi:type="xsd:string">Assigned</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">account_name</name>
<value xsi:type="xsd:string">Sonja Ponting</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">type</name>
<value xsi:type="xsd:string">Company</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">primary_address_street</name>
<value xsi:type="xsd:string">450 West 33rd Street</value>
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">primary_address_street_2</name>
<value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">primary_address_city</name>
<value xsi:type="xsd:string">Binghamton</value>
```

```

</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">primary_address_state</name>
  <value xsi:type="xsd:string">State of New York</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">primary_address_postalcode</name>
  <value xsi:type="xsd:string">13904</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">primary_address_country</name>
  <value xsi:type="xsd:string">United States</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">alt_address_street</name>
  <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">alt_address_street_2</name>
  <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">alt_address_city</name>
  <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">alt_address_state</name>
  <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">alt_address_postalcode</name>
  <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">alt_address_country</name>
  <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">birthdate</name>
  <value xsi:type="xsd:string">1992-12-25</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">score</name>
  <value xsi:type="xsd:string">5</value>
</Item>

```

```

<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">phone</name>
  <value xsi:type="xsd:string">8746</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">email</name>
  <value xsi:type="xsd:string">bryan.hall@yahoo.com</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_name_input</name>
  <value xsi:type="xsd:string">Tag low priority</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tag_category_input</name>
  <value xsi:type="xsd:string">Category Urgent</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">rating_cstm</name>
  <value xsi:type="xsd:string">17</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">industry</name>
  <value xsi:type="xsd:string">Chemical</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">website</name>
  <value xsi:type="xsd:string">www.samplechemicalwebsite.com</value>
</Item>
<Item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">assigned_to</name>
  <value xsi:type="xsd:string">5f566f5d-4cc9-8c0d-e47f-50cf135369f1</value>
</Item>
</request>
</data>
</tns:update>

```

In case of add line item details for quotations, invoices modules

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<tns:update>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnPseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:UpdateDataToCrm" />
  <id xsi:type="xsd:string">bab5f1a4-bb30-f3fd-453b-544f5f684f0a</id>
    <module xsi:type="xsd:string">Quotations</module>
  <request soapenc:arrayType="tns:NameValueList[6]">
    <Item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">name</name>

```

```

        <value xsi:type="xsd:string">New Quotes</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">sub_total</name>
        <value xsi:type="xsd:string">170</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">grand_total</name>
        <value xsi:type="xsd:string">172.90</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">data_source</name>
        <value xsi:type="xsd:string">QuickBooksDS</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">data_source_id</name>
        <value xsi:type="xsd:string">28-1408941730</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">status</name>
        <value xsi:type="xsd:string">Add to CRM</value>
    </Item>
</request>
<requestDetails xsi:type="tns:FieldList">
    <entry_list soapenc:arrayType="tns:EntryList[2]">
        <Item xsi:type="tns:EntryList">
            <name_value_list soapenc:arrayType="tns:NameValueList[9]">
                <Item xsi:type="tns:NameValueList">
                    <name xsi:type="xsd:string">bean_id</name>
                    <value xsi:type="xsd:string">bab5f1a4-bb30-f3fd-453b-544f5f684f0a</value>
                </Item>
                <Item xsi:type="tns:NameValueList">
                    <name xsi:type="xsd:string">bean_module</name>
                    <value xsi:type="xsd:string">products</value>
                </Item>
                <Item xsi:type="tns:NameValueList">
                    <name xsi:type="xsd:string">quantity</name>
                    <value xsi:type="xsd:string">1</value>
                </Item>
                <Item xsi:type="tns:NameValueList">
                    <name xsi:type="xsd:string">list_price</name>
                    <value xsi:type="xsd:string">50.00</value>
                </Item>
                <Item xsi:type="tns:NameValueList">
                    <name xsi:type="xsd:string">total</name>
                    <value xsi:type="xsd:string">50</value>
                </Item>
                <Item xsi:type="tns:NameValueList">
                    <name xsi:type="xsd:string">tax</name>
                    <value xsi:type="xsd:string">Sales Tax (1%),0.5</value>
                </Item>
                <Item xsi:type="tns:NameValueList">
                    <name xsi:type="xsd:string">tax_2</name>
                    <value xsi:type="xsd:string" />
                </Item>
            </name_value_list>
        </Item>
    </entry_list>
</requestDetails>

```

```

        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">discount</name>
          <value xsi:type="xsd:string">0.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_total</name>
          <value xsi:type="xsd:string">0.5</value>
        </Item>
      </name_value_list>
    </Item>
    <Item xsi:type="tns:EntryList">
      <name_value_list soapenc:arrayType="tns:NameValueList[9]">
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_id</name>
          <value xsi:type="xsd:string">efd46e1e-79d6-fdc5-aa5c-54531801b899</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">bean_module</name>
          <value xsi:type="xsd:string">products</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">quantity</name>
          <value xsi:type="xsd:string">2</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">list_price</name>
          <value xsi:type="xsd:string">60.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">total</name>
          <value xsi:type="xsd:string">120</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax</name>
          <value xsi:type="xsd:string">Sales Tax (2%),2.4</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_2</name>
          <value xsi:type="xsd:string" />
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">discount</name>
          <value xsi:type="xsd:string">0.00</value>
        </Item>
        <Item xsi:type="tns:NameValueList">
          <name xsi:type="xsd:string">tax_total</name>
          <value xsi:type="xsd:string">2.4</value>
        </Item>
      </name_value_list>
    </Item>
  </entry_list>
</requestDetails>
</data>

```

</tns:update>

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">success</status>
  <id xsi:type="xsd:string">6002330a-8cf9-7330-f206-524038bd56c1</id>
  <message xsi:type="xsd:string"></message>
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">Invalid API key</message>
</return>
```

In case of add custom fields, required custom fields value can't be left blank.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">My custom field required</message>
</return>
```

Other cases: For only leads module

In case of add email address, existing email address can not be used.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">Email address already exists</message>
</return>
```

In case of adding first name and last name for a lead, can not be same. Like first_name is 'John' and last_name is also 'John'.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
```

```
<id xsi:type="xsd:string"></id>
<message xsi:type="xsd:string">First name & Last name should not be same</message>
</return>
```

In case of add phone numbers, field value contain atleast 8 characters and not contain '**12345678**'.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
```

```
<return xsi:type="tns:DataResult">
```

```
  <status xsi:type="xsd:string">error</status>
```

```
  <id xsi:type="xsd:string"></id>
```

```
  <message xsi:type="xsd:string">Phone Number should contain minimum 8
characters</message>
```

OR

```
  <message xsi:type="xsd:string">Phone Number should not be 12345678</message>
</return>
```

deleteRecord Method

Purpose:

We can use this function for delete data to CRM using request data, id & module. It returns [status], [id], [message].

Request Parameter:

Parameter		Required	Datatype	Description
token		Yes	string	Needed for authenticating the user
apiKey		Yes	string	Used to make API calls
module	tns:UpdateToCrm	Yes	string	Module name e.g. 'Leads'/'Contacts'/'Tasks'
id		Yes	string	Id of whose data will be delete
name		Yes	string	Field name must be 'deleted'
value		Yes	string	Field value must be '1'

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->update($token, $apikey, $data_delete);
```

Request:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<tns:update>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:UpdateToCrm"/>
    <id xsi:type="xsd:string">cf6d2ba8-91c9-4958-3c48-521eda4294e4</id>
    <module xsi:type="xsd:string">Leads</module>
    <request soapenc:arrayType="tns:NameValueList[1]"/>
      <Item xsi:type="tns:NameValueList">
```

```

        <name xsi:type="xsd:string">deleted</name>
        <value xsi:type="xsd:string">1</value>
      </Item>
    </request>
  </data>
</tns:update>

```

Response: Success

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">success</status>
  <id xsi:type="xsd:string">cf6d2ba8-91c9-4958-3c48-521eda4294e4</id>
  <message xsi:type="xsd:string"></message>
</return>

```

Response: Error

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">Invalid API key</message>
</return>

```

getRecord Method

Purpose:

We can use this function to getdata from CRM using API. It returns [status], [message], [result] and [result] itself an array of [name], [value] pair.

Request Parameter:

Parameter		Required	Datatype	Description
token		Yes	string	Needed for authenticating the user
apiKey		Yes	string	Used to make API calls
id	tns:GetDetails	Yes	string	Id of the record
module		Yes	string	Module name from where to search data e.g. 'leads'/'contacts'

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>
1,"exceptions" => 0));
$response = $client->get($token, $apikey, $data_get);
```

Additional Note:

If there is no line items details in specified, only main module data of specified module will returns. Then array element **name_value_list_details** will be an empty set.

```
<name_value_list_details xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntryList[0]">
</name_value_list_details>
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:get>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:GetDetails">
    <id xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</id>
```

```

        <module xsi:type="xsd:string">Quotations</module>
    </data>
</tns:get>

```

Response: Success

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:SyncResultArrayResponse">
  <status xsi:type="xsd:string">success</status>
  <message xsi:type="xsd:string">Record found</message>
  <result xsi:type="tns:TotalList">
    <entity_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntityList[1]">
      <item xsi:type="tns:EntityList">
        <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[44]">
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">id</name>
            <value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">name</name>
            <value xsi:type="xsd:string">quotation for HACHIEVE</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">quote_no</name>
            <value xsi:type="xsd:string">38</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">quote_no_serial</name>
            <value xsi:type="xsd:string">0</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">tenant_id</name>
            <value xsi:type="xsd:string">3ee3e463-ab26-bdc0-1178-50cf13d78fa4</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">date_entered</name>
            <value xsi:type="xsd:string">2014-10-24 05:22:03</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">date_modified</name>
            <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">modified_user_id</name>

```

```

<value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">is_assigned</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deal_id</name>
  <value xsi:type="xsd:string">1f9f71dc-95ec-16ee-8205-517e7d689215</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quote_stage</name>
  <value xsi:type="xsd:string">Draft</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">valid_till</name>
  <value xsi:type="xsd:string">2014-11-13</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">contact_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">account_id</name>
  <value xsi:type="xsd:string">4a9e08d1-0460-9c97-38f0-517e7d9e8bb3</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">carrier_id</name>
  <value xsi:type="xsd:string">BlueDart</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street</name>
  <value xsi:type="xsd:string">4500 Wilshire Blvd.</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street_2</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">

```

```

<name xsi:type="xsd:string">billing_address_city</name>
<value xsi:type="xsd:string">Binghamton</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">billing_address_country</name>
<value xsi:type="xsd:string">United States</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">billing_address_state</name>
<value xsi:type="xsd:string">State of New York</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">billing_address_postalcode</name>
<value xsi:type="xsd:string">13905</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_street</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_street_2</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_city</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_country</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_state</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_postalcode</name>
<value xsi:type="xsd:string">
</value>
</item>

```

```

<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">sub_total</name>
  <value xsi:type="xsd:string">50.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">5.10</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">adjustment</name>
  <value xsi:type="xsd:string">10.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">adjustment_type</name>
  <value xsi:type="xsd:string">M</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_cost</name>
  <value xsi:type="xsd:string">50</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">grand_total</name>
  <value xsi:type="xsd:string">75.10</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">grand_total_usdollar</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">currency_id</name>
  <value xsi:type="xsd:string">INR ₹,</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">terms_conditions</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">description</name>
  <value xsi:type="xsd:string">
</value>

```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">lead_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">data_source</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">data_source_id</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
</name_value_list>
<name_value_list_details xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntryList[2]">
<item xsi:type="tns:EntryList">
  <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">id</name>
      <value xsi:type="xsd:string">b671c648-e54d-32a9-0552-545868e1f885</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">quotation_id</name>
      <value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_entered</name>
      <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_modified</name>
      <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">modified_user_id</name>

```

```

<value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_id</name>
  <value xsi:type="xsd:string">fa82061d-fef2-f59e-b5dd-5446430ba92d</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_module</name>
  <value xsi:type="xsd:string">products</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quantity</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">Sales Tax (2%),0.60</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_2</name>
  <value xsi:type="xsd:string">VAT (5%),1.50</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_total</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">net_total</name>
  <value xsi:nil="true" xsi:type="xsd:string" />

```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
<item xsi:type="tns:EntryList">
  <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">id</name>
      <value xsi:type="xsd:string">cefb0385-3dbf-e039-496e-545868b86c14</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">quotation_id</name>
      <value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_entered</name>
      <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_modified</name>
      <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">modified_user_id</name>
      <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">created_by</name>
      <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">bean_id</name>
      <value xsi:type="xsd:string">5600c5e1-7f2c-3fbe-8383-5440e05e0234</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">bean_module</name>
      <value xsi:type="xsd:string">products</value>
    </item>
  </name_value_list>
</item>

```

```

<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quantity</name>
  <value xsi:type="xsd:string">2</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">10.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">VAT (5%),1.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_2</name>
  <value xsi:type="xsd:string">Excise Duty (10%),2.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_total</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">net_total</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
</name_value_list_details>
</item>
</entity_list>

```

```
</result>  
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>  
<return xsi:type="tns:SyncResultArrayResponse ">  
  <status xsi:type="xsd:string">error</status>  
  <message xsi:type="xsd:string">Invalid API key</message>  
<result xsi:type="tns:FieldList"></result>  
</return>
```

findRecord Method

Purpose:

We can use this function to get data from CRM using API for search with multiple key value in an array set. It returns [status], [message], [result] and [result] itself an array of [name], [value] pair.

Request Parameter:

Parameter		Required	Datatype	Description
token		Yes	string	Needed for authenticating the user
apiKey		Yes	string	Used to make API calls
module	tns:SyncDataToCRM	Yes	string	Module name from where to search data e.g. 'leads'/'contacts'
name		Yes	string	Field name what to find
value		Yes	string	Field value with what to find

Call:

```
$client = new soapclient('https://app01.convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->find($token, $apikey, $data_get);
```

Additional Note:

If there is no line items details in specified, only main module data of specified module will return. Then array element **name_value_list_details** will be an empty set.

```
<name_value_list_details xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntryList[0]">
</name_value_list_details>
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:find>
<token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnPseKPEyzg</token>
<apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
```

```
<data xsi:type="tns:SyncDataToCrm">
  <module xsi:type="xsd:string">Contacts</module>
  <request soapenc:arrayType="tns:NameValueList[2]">
    <Item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">first_name</name>
      <value xsi:type="xsd:string">James</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">last_name</name>
      <value xsi:type="xsd:string">Smith</value>
    </Item>
  </request>
</data>
</tns:find>
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:SyncResultArrayResponse">
  <status xsi:type="xsd:string">success</status>
  <message xsi:type="xsd:string">Record found</message>
  <result xsi:type="tns:TotalList">
    <entity_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntityList[1]">
      <item xsi:type="tns:EntityList">
        <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[44]">
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">id</name>
            <value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">name</name>
            <value xsi:type="xsd:string">quotation for HACHIEVE</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">quote_no</name>
            <value xsi:type="xsd:string">38</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">quote_no_serial</name>
            <value xsi:type="xsd:string">0</value>
          </item>
          <item xsi:type="tns:NameValueList">
            <name xsi:type="xsd:string">tenant_id</name>
            <value xsi:type="xsd:string">3ee3e463-ab26-bdc0-1178-50cf13d78fa4</value>
          </item>
```

```
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_entered</name>
  <value xsi:type="xsd:string">2014-10-24 05:22:03</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_modified</name>
  <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">modified_user_id</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">is_assigned</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deal_id</name>
  <value xsi:type="xsd:string">1f9f71dc-95ec-16ee-8205-517e7d689215</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quote_stage</name>
  <value xsi:type="xsd:string">Draft</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">valid_till</name>
  <value xsi:type="xsd:string">2014-11-13</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">contact_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">account_id</name>
  <value xsi:type="xsd:string">4a9e08d1-0460-9c97-38f0-517e7d9e8bb3</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">carrier_id</name>
  <value xsi:type="xsd:string">BlueDart</value>
</item>
```

```

<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street</name>
  <value xsi:type="xsd:string">4500 Wilshire Blvd.</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street_2</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_city</name>
  <value xsi:type="xsd:string">Binghamton</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_country</name>
  <value xsi:type="xsd:string">United States</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_state</name>
  <value xsi:type="xsd:string">State of New York</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_postalcode</name>
  <value xsi:type="xsd:string">13905</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_street</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_street_2</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_city</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_country</name>
  <value xsi:type="xsd:string">
</value>
</item>

```

```

<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_state</name>
  <value xsi:type="xsd:string">
  </value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_postalcode</name>
  <value xsi:type="xsd:string">
  </value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">sub_total</name>
  <value xsi:type="xsd:string">50.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">5.10</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">adjustment</name>
  <value xsi:type="xsd:string">10.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">adjustment_type</name>
  <value xsi:type="xsd:string">M</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_cost</name>
  <value xsi:type="xsd:string">50</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">grand_total</name>
  <value xsi:type="xsd:string">75.10</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">grand_total_usdollar</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">currency_id</name>
  <value xsi:type="xsd:string">INR ₹,</value>

```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">terms_conditions</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">description</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">lead_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">data_source</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">data_source_id</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
</name_value_list>
<name_value_list_details xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntryList[2]">
  <item xsi:type="tns:EntryList">
    <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">id</name>
        <value xsi:type="xsd:string">b671c648-e54d-32a9-0552-545868e1f885</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">quotation_id</name>
        <value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
      </item>
    </name_value_list>
  </item>
</name_value_list_details>

```

```

<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_entered</name>
  <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_modified</name>
  <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">modified_user_id</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_id</name>
  <value xsi:type="xsd:string">fa82061d-fef2-f59e-b5dd-5446430ba92d</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_module</name>
  <value xsi:type="xsd:string">products</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quantity</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">Sales Tax (2%),0.60</value>
</item>
<item xsi:type="tns:NameValueList">

```

```

<name xsi:type="xsd:string">tax_2</name>
<value xsi:type="xsd:string">VAT (5%),1.50</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tax_total</name>
<value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">net_total</name>
<value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">status</name>
<value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">deleted</name>
<value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
<item xsi:type="tns:EntryList">
<name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">id</name>
<value xsi:type="xsd:string">cefb0385-3dbf-e039-496e-545868b86c14</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">quotation_id</name>
<value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">date_entered</name>
<value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">date_modified</name>
<value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">modified_user_id</name>
<value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">created_by</name>

```

```

<value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_id</name>
  <value xsi:type="xsd:string">5600c5e1-7f2c-3fbe-8383-5440e05e0234</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_module</name>
  <value xsi:type="xsd:string">products</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quantity</name>
  <value xsi:type="xsd:string">2</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">10.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">VAT (5%),1.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_2</name>
  <value xsi:type="xsd:string">Excise Duty (10%),2.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_total</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">net_total</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">1</value>

```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
</name_value_list_details>
</item>
</entity_list>
</result>
</return>

```

Response: Error

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:SyncResultArrayResponse ">
  <status xsi:type="xsd:string">error</status>
  <message xsi:type="xsd:string">Invalid API key</message>
</result>
</return>

```

searchByKey Method

Purpose:

We can use this function to search an id, name & email using bean module & search key from CRM. It returns [status],[message],[result] and [result] itself an array which consists of [id],[name]and [emailAddress].

Request Parameter:

Parameter		Required	Datatype	Description
token		Yes	string	Needed for authenticating the user
apiKey		Yes	string	Used to make API calls
beanModule	tns:SearchData	Yes	string	Module name from where to search data e.g. 'leads'/'contacts'
searchKey		Yes	string	Search string may be first name / last name / full name

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->search($token, $apikey, $data_search);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:search>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:SearchData">
    <beanModule xsi:type="xsd:string">Contacts</beanModule>
    <searchKey xsi:type="xsd:string">Abraham</searchKey>
  </data>
</tns:search>
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:SearchResultArrayResponse">
```

```
<status xsi:type="xsd:string">success</status>
<message xsi:type="xsd:string"></message>
<result xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:SearchResult[3]">
  <item xsi:type="tns:SearchResult">
    <id xsi:type="xsd:string">2d5377b1-2569-150d-9847-50cf255c4905</id>
    <name xsi:type="xsd:string">Smith Abraham</name>
    <emailAddress xsi:type="xsd:string">Smith_18@xyz.com</emailAddress>
  </item>

  <item xsi:type="tns:SearchResult">
    <id xsi:type="xsd:string">adbe3e61-65ce-020d-6ecf-50cf25da1fc5</id>
    <name xsi:type="xsd:string">Suzy Abraham</name>
    <emailAddress xsi:type="xsd:string">Suzy_49@xyz.com</emailAddress>
  </item>

  <item xsi:type="tns:SearchResult">
    <id xsi:type="xsd:string">a8c30003-ed3a-c4f4-9b30-50cf2559cf87</id>
    <name xsi:type="xsd:string">Tom Abraham</name>
    <emailAddress xsi:type="xsd:string">Tom_35@xyz.com</emailAddress>
  </item>
</result>
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:SearchResultArrayResponse">
  <status xsi:type="xsd:string">error</status>
  <message xsi:type="xsd:string">Invalid API key</message>
  <result xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:SearchResult[0]"></result>
</return>
```

searchByEmail Method

Purpose:

We can use this function to search an id&module name using email address from CRM. It returns [status],[message],[beanArray] and [beanArray] itself an array which consists of [bean_id] and[bean_module].

Request Parameter:

Parameter	Required	Datatype	Description
token	Yes	string	Needed for authenticating the user
apiKey	Yes	string	Used to make API calls
emailAddress	Yes	string	Email address for search

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->searchForEmailLink ($token, $apikey, $email_address);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:searchForEmailLink>
    <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
    <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
    <emailAddressxsi:type="xsd:string">jim.mascio@gmail.com</emailAddress>
</tns:searchForEmailLink>
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:emailLinkSearchResult">
<status xsi:type="xsd:string">success</status>
<message xsi:type="xsd:string"></message>
<beanArray xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:BeanList[1]">
<item xsi:type="tns:BeanList">
<bean_id xsi:type="xsd:string">3b3a80d7-1f43-e0a5-e794-51c2e9e9d4f0</bean_id>
<bean_module xsi:type="xsd:string">leads</bean_module>
</item>
```

```
</beanArray>  
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>  
<return xsi:type="tns:emailLinkSearchResult">  
<status xsi:type="xsd:string">error</status>  
<message xsi:type="xsd:string">Invalid API key</message>  
<beanArray xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:BeanList[0]"></beanArray>  
</return>
```

syncEmail Method

Purpose:

We can use this function to link an email to an existing or newly added lead/contact in CRM using API. It returns [status], [id] and [message].

Request Parameter:

Parameter	Required	Datatype	Description
token	Yes	string	Needed for authenticating the user
apiKey	Yes	string	Used to make API calls
activityTo	Yes	string	Email address of a lead/contact
beanModule		string	Module name 'Leads'/'Contacts'
firstName		string	First name of a leads / contacts
lastName		string	Last name of a leads / contacts
subject		string	Subject of an email
activityType		string	Activity type is 'email'/'sms'
direction		string	Direction must be 'inbound'
activityText		string	Content of the email, using base64_encode()
beanId		string	Id of leads / contacts
bcc		string	Email address for bcc
cc	No	string	Email address for cc
module	Yes	string	Where it stores, it must be 'historys'

Call:

```
$client = new soapclient('https://app01.convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->emailLink($token, $apikey, $data_email, 'historys');
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:emailLink>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <module xsi:type="xsd:string">historys</module>
  <data xsi:type="tns:EmailData">
    <activityTo xsi:type="xsd:string">mike.hunt@xyz.com</activityTo>
```

```

        <beanModule xsi:type="xsd:string">Contacts</beanModule>
        <firstName xsi:type="xsd:string">Mike</firstName>
        <lastName xsi:type="xsd:string">Hunt</lastName>
        <subject xsi:type="xsd:string">Test Mail sync from outlook</subject>
        <activityType xsi:type="xsd:string">email</activityType>
        <direction xsi:type="xsd:string">inbound</direction>
    <activityText xsi:type="xsd:string">base64_encode("Test Email from
    OUTLOOK.")</activityText>
        <beanId xsi:type="xsd:string" />
        <bcc xsi:type="xsd:string" />
        <cc xsi:type="xsd:string">mike.hunt2013@xyz.com</cc>
    </data>
</tns:emailLink>

```

Response: Success

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
    <status xsi:type="xsd:string">success</status>
    <id xsi:type="xsd:string">d1d9ba1f-ed6f-5857-c2bd-52120918a528</id>
    <message xsi:type="xsd:string"></message>
</return>

```

Response: Error

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
    <status xsi:type="xsd:string">error</status>
    <id xsi:type="xsd:string"></id>
    <message xsi:type="xsd:string">Invalid API key</message>
</return>

```

syncToCRM Method

Purpose:

We can use this function for sync data to CRM using requestdata & module from outlook. It returns [status],[id],[message].

Request Parameter:

Parameter		Required	Datatype	Description
token		Yes	string	Needed for authenticating the user
apiKey		Yes	string	Used to make API calls
module		Yes	string	Module name where to sync data e.g. 'tasks'/'contacts'/'events'
name	tns:NameValueListArray	Yes	string	Field name what to sync
value		Yes	string	Field value with what to sync

Call:

```
$client = new soapclient('https://app01.convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->syncToCrm($token, $apikey, $sync_crm);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:syncToCrm>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:SyncDataToCrm">
    <module xsi:type="xsd:string">events</module>
    <request soapenc:arrayType="tns:NameValueList[10]">
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">id</name>
        <value xsi:type="xsd:string" />
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">start_date</name>
        <value xsi:type="xsd:string">2013-08-02 11:43:19</value>
      </Item>
      <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">date_end</name>

```

```

        <value xsi:type="xsd:string">2013-08-02 03:00:00</value>
    </Item>
    <Item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">description</name>
        <value xsi:type="xsd:string" />
    </Item>

<Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">location</name>
    <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">name</name>
    <value xsi:type="xsd:string">Mc. Donald</value>
</Item>
<Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">created_by</name>
    <value xsi:type="xsd:string" />
</Item>
<Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">type</name>
    <value xsi:type="xsd:string">Meeting</value>
</Item>
<Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">date_modified</name>
    <value xsi:type="xsd:string">2013-08-02 11:43:33</value>
</Item>
<Item xsi:type="tns:NameValueList">
    <name xsi:type="xsd:string">all_day_event</name>
    <value xsi:type="xsd:string">0</value>
</Item>
</request>
</data>
</tns:syncToCrm>

```

Response: Success

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
    <status xsi:type="xsd:string">success</status>
    <id xsi:type="xsd:string">151ef3b5-7d01-cc31-b16b-52248f893dca</id>
    <message xsi:type="xsd:string"></message>

```

</return>

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns: DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">Invalid API key</message>
</return>
```

Sync to Outlook Method

Purpose:

We can use this function for sync data to outlook using lastsyncdate & module from CRM. It returns [status],[message], [result] and [result] itself an array of [name],[value] pair.

Request Parameter:

Parameter		Required	Datatype	Description
token		Yes	string	Needed for authenticating the user
apiKey		Yes	string	Used to make API calls
module	tns:SyncDataToOutlook	Yes	string	Module name where to sync data e.g. 'tasks'/'contacts'/'events'
syncDate		Yes	string	Last sync date
type		No	string	Use 'all' to get all phones & emails, otherwise left blank

Call:

```
$client = new soapclient('https://app01.convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->syncToOutlook($token, $apikey, $sync_outlook);
```

Additional Note:

If there is no line items details in specified, only main module data of specified module will returns. Then array element **name_value_list_details** will be an empty set.

```
<name_value_list_details xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntryList[0]">
</name_value_list_details>
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:syncToOutlook >
    <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
    <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
```

```
<data xsi:type="tns:SyncDataToOutlook">
  <syncDate xsi:type="xsd:string">2013-10-20 14:10:30</syncDate>
  <module xsi:type="xsd:string">Quotations</module>
  <type xsi:type="xsd:string">all</type>
</data>
</tns:syncToOutlook >
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:SyncResultArrayResponse">
<status xsi:type="xsd:string">success</status>
<message xsi:type="xsd:string">Record found</message>
<result xsi:type="tns:TotalList">
<entity_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntityList[2]">
<item xsi:type="tns:EntityList">
<name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[44]">
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">id</name>
<value xsi:type="xsd:string">5dd26fd0-09af-80cf-b694-5442434ad12b</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">name</name>
<value xsi:type="xsd:string">2nd Quotes</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">quote_no</name>
<value xsi:type="xsd:string">35</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">quote_no_serial</name>
<value xsi:type="xsd:string">0</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tenant_id</name>
<value xsi:type="xsd:string">3ee3e463-ab26-bdc0-1178-50cf13d78fa4</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">date_entered</name>
<value xsi:type="xsd:string">2014-10-18 10:40:53</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">date_modified</name>
<value xsi:type="xsd:string">2014-10-31 13:35:53</value>
```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">modified_user_id</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">is_assigned</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deal_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quote_stage</name>
  <value xsi:type="xsd:string">Delivered</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">valid_till</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">contact_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">account_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">carrier_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street</name>
  <value xsi:type="xsd:string">
</value>

```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street_2</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_city</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_country</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_state</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_postalcode</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_street</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_street_2</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_city</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_country</name>
  <value xsi:type="xsd:string">
</value>

```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_state</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_postalcode</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">sub_total</name>
  <value xsi:type="xsd:string">100.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">2.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">6.70</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">adjustment</name>
  <value xsi:type="xsd:string">0.30</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">adjustment_type</name>
  <value xsi:type="xsd:string">P</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_cost</name>
  <value xsi:type="xsd:string">20</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">grand_total</name>
  <value xsi:type="xsd:string">125.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">grand_total_usdollar</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">currency_id</name>

```

```

<value xsi:type="xsd:string">INR ₹,</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">terms_conditions</name>
  <value xsi:type="xsd:string">
  </value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">description</name>
  <value xsi:type="xsd:string">
  </value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">
  </value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">lead_id</name>
  <value xsi:type="xsd:string">
  </value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">data_source</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">data_source_id</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
</name_value_list>
<name_value_list_details xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:EntryList[3]">
  <item xsi:type="tns:EntryList">
    <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">id</name>
        <value xsi:type="xsd:string">147d325a-e0bc-47b1-d1ad-54539040f101</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">quotation_id</name>
        <value xsi:type="xsd:string">5dd26fd0-09af-80cf-b694-5442434ad12b</value>
      </item>
    </name_value_list>
  </item>
  <item xsi:type="tns:EntryList">
    <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">id</name>
        <value xsi:type="xsd:string">147d325a-e0bc-47b1-d1ad-54539040f101</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">quotation_id</name>
        <value xsi:type="xsd:string">5dd26fd0-09af-80cf-b694-5442434ad12b</value>
      </item>
    </name_value_list>
  </item>
  <item xsi:type="tns:EntryList">
    <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">id</name>
        <value xsi:type="xsd:string">147d325a-e0bc-47b1-d1ad-54539040f101</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">quotation_id</name>
        <value xsi:type="xsd:string">5dd26fd0-09af-80cf-b694-5442434ad12b</value>
      </item>
    </name_value_list>
  </item>
</name_value_list_details>

```

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</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_entered</name>
  <value xsi:type="xsd:string">2014-10-31 13:35:53</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_modified</name>
  <value xsi:type="xsd:string">2014-10-31 13:35:53</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">modified_user_id</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_id</name>
  <value xsi:type="xsd:string">37a14f47-8c03-9cb0-c7c8-5183bf395767</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_module</name>
  <value xsi:type="xsd:string">products</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quantity</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">2.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">VAT (5%),1.50</value>
</item>

```

```

<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_2</name>
  <value xsi:type="xsd:string">Sales Tax (2%),0.60</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_total</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">net_total</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
<item xsi:type="tns:EntryList">
  <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">id</name>
      <value xsi:type="xsd:string">e56d0716-25e2-2238-65e9-54539011e0b2</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">quotation_id</name>
      <value xsi:type="xsd:string">5dd26fd0-09af-80cf-b694-5442434ad12b</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_entered</name>
      <value xsi:type="xsd:string">2014-10-31 13:35:53</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_modified</name>
      <value xsi:type="xsd:string">2014-10-31 13:35:53</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">modified_user_id</name>
      <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
    </item>
  </name_value_list>
</item>

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<name xsi:type="xsd:string">created_by</name>
<value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
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<item xsi:type="tns:NameValueList">
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</item>
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<name xsi:type="xsd:string">bean_module</name>
<value xsi:type="xsd:string">products</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">quantity</name>
<value xsi:type="xsd:string">2</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">list_price</name>
<value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">total</name>
<value xsi:type="xsd:string">40.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">discount</name>
<value xsi:type="xsd:string">2.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tax</name>
<value xsi:type="xsd:string">VAT (5%),2.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tax_2</name>
<value xsi:type="xsd:string">VAT (5%),2.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tax_total</name>
<value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">net_total</name>
<value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">status</name>

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<value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
<item xsi:type="tns:EntryList">
  <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
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      <name xsi:type="xsd:string">id</name>
      <value xsi:type="xsd:string">f235a244-aa09-0ee8-3d82-54539050fd00</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">quotation_id</name>
      <value xsi:type="xsd:string">5dd26fd0-09af-80cf-b694-5442434ad12b</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_entered</name>
      <value xsi:type="xsd:string">2014-10-31 13:35:53</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">date_modified</name>
      <value xsi:type="xsd:string">2014-10-31 13:35:53</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">modified_user_id</name>
      <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">created_by</name>
      <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">bean_id</name>
      <value xsi:type="xsd:string">5600c5e1-7f2c-3fbe-8383-5440e05e0234</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">bean_module</name>
      <value xsi:type="xsd:string">products</value>
    </item>
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">quantity</name>
      <value xsi:type="xsd:string">3</value>
    </item>
  </name_value_list>
</item>

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</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">10.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">2.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">Sales Tax (2%),0.60</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_2</name>
  <value xsi:type="xsd:string">Select,0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_total</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">net_total</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
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</item>
</name_value_list>
</item>
</name_value_list_details>
</item>
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    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">id</name>

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<value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
</item>
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  <name xsi:type="xsd:string">name</name>
  <value xsi:type="xsd:string">quotation for HACHIEVE</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quote_no</name>
  <value xsi:type="xsd:string">38</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quote_no_serial</name>
  <value xsi:type="xsd:string">0</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tenant_id</name>
  <value xsi:type="xsd:string">3ee3e463-ab26-bdc0-1178-50cf13d78fa4</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_entered</name>
  <value xsi:type="xsd:string">2014-10-24 05:22:03</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_modified</name>
  <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">modified_user_id</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
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  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
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</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deal_id</name>
  <value xsi:type="xsd:string">1f9f71dc-95ec-16ee-8205-517e7d689215</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quote_stage</name>
  <value xsi:type="xsd:string">Draft</value>

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</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">valid_till</name>
  <value xsi:type="xsd:string">2014-11-13</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">contact_id</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">account_id</name>
  <value xsi:type="xsd:string">4a9e08d1-0460-9c97-38f0-517e7d9e8bb3</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">carrier_id</name>
  <value xsi:type="xsd:string">BlueDart</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street</name>
  <value xsi:type="xsd:string">4500 Wilshire Blvd.</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_street_2</name>
  <value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_city</name>
  <value xsi:type="xsd:string">Binghamton</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_country</name>
  <value xsi:type="xsd:string">United States</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_state</name>
  <value xsi:type="xsd:string">State of New York</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">billing_address_postalcode</name>
  <value xsi:type="xsd:string">13905</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">shipping_address_street</name>

```

```

<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_street_2</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_city</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_country</name>
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</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_address_postalcode</name>
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</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">sub_total</name>
<value xsi:type="xsd:string">50.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">discount</name>
<value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tax</name>
<value xsi:type="xsd:string">5.10</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">adjustment</name>
<value xsi:type="xsd:string">10.00</value>
</item>
<item xsi:type="tns:NameValueList">

```

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<name xsi:type="xsd:string">adjustment_type</name>
<value xsi:type="xsd:string">M</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">shipping_cost</name>
<value xsi:type="xsd:string">50</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">grand_total</name>
<value xsi:type="xsd:string">75.10</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">grand_total_usdollar</name>
<value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">currency_id</name>
<value xsi:type="xsd:string">INR ₹,</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">terms_conditions</name>
<value xsi:type="xsd:string">
</value>
</item>
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<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">status</name>
<value xsi:type="xsd:string">
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</item>
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<value xsi:type="xsd:string">0</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">lead_id</name>
<value xsi:type="xsd:string">
</value>
</item>
<item xsi:type="tns:NameValueList">
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<value xsi:nil="true" xsi:type="xsd:string" />
</item>
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  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
</name_value_list>
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  <item xsi:type="tns:EntryList">
    <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">id</name>
        <value xsi:type="xsd:string">b671c648-e54d-32a9-0552-545868e1f885</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">quotation_id</name>
        <value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">date_entered</name>
        <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">date_modified</name>
        <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">modified_user_id</name>
        <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">created_by</name>
        <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">bean_id</name>
        <value xsi:type="xsd:string">fa82061d-fef2-f59e-b5dd-5446430ba92d</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">bean_module</name>
        <value xsi:type="xsd:string">products</value>
      </item>
      <item xsi:type="tns:NameValueList">
        <name xsi:type="xsd:string">quantity</name>
        <value xsi:type="xsd:string">1</value>

```

```

</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">30.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax</name>
  <value xsi:type="xsd:string">Sales Tax (2%),0.60</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_2</name>
  <value xsi:type="xsd:string">VAT (5%),1.50</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">tax_total</name>
  <value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">net_total</name>
  <value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">status</name>
  <value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">deleted</name>
  <value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
<item xsi:type="tns:EntryList">
  <name_value_list xsi:type="SOAP-ENC:Array" SOAP-ENC:arrayType="tns:NameValueList[18]">
    <item xsi:type="tns:NameValueList">
      <name xsi:type="xsd:string">id</name>
      <value xsi:type="xsd:string">cefb0385-3dbf-e039-496e-545868b86c14</value>
    </item>
  </name_value_list>
</item>

```

```
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quotation_id</name>
  <value xsi:type="xsd:string">fb1a0ec8-94dd-124a-43b0-5449e16e0812</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_entered</name>
  <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">date_modified</name>
  <value xsi:type="xsd:string">2014-11-04 05:48:33</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">modified_user_id</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">created_by</name>
  <value xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_id</name>
  <value xsi:type="xsd:string">5600c5e1-7f2c-3fbe-8383-5440e05e0234</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">bean_module</name>
  <value xsi:type="xsd:string">products</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">quantity</name>
  <value xsi:type="xsd:string">2</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">list_price</name>
  <value xsi:type="xsd:string">10.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">total</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
  <name xsi:type="xsd:string">discount</name>
  <value xsi:type="xsd:string">20.00</value>
</item>
<item xsi:type="tns:NameValueList">
```

```
<name xsi:type="xsd:string">tax</name>
<value xsi:type="xsd:string">VAT (5%),1.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tax_2</name>
<value xsi:type="xsd:string">Excise Duty (10%),2.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">tax_total</name>
<value xsi:type="xsd:string">0.00</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">net_total</name>
<value xsi:nil="true" xsi:type="xsd:string" />
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">status</name>
<value xsi:type="xsd:string">1</value>
</item>
<item xsi:type="tns:NameValueList">
<name xsi:type="xsd:string">deleted</name>
<value xsi:type="xsd:string">0</value>
</item>
</name_value_list>
</item>
</name_value_list_details>
</item>
</entity_list>
</result>
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:SearchResultArrayResponse">
  <status xsi:type="xsd:string">error</status>
  <message xsi:type="xsd:string">Invalid API key</message>
  <result xsi:type="tns:FieldList"></result>
</return>
```

buildRelationshipMethod

Purpose:

We can use this function to build multiple relations with different module using bean id & bean module in CRM. It returns [status],[message] & [id].

Request Parameter:

Parameter		Required	Datatype	Description
token		Yes	string	Needed for authenticating the user
apiKey		Yes	string	Used to make API calls
module	tns:RelateDataToCrm	Yes	string	Module name e.g. 'Leads'/'Contacts'/'Tasks'
id				
bean_id		Yes	string	Field name what to add
bean_module		Yes	string	Field value with what to add

Call:

```
$client = new soapclient('https://app01.convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->buidRelationship($token, $apikey, $data);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:buidRelationship>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnPseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
  <data xsi:type="tns:RelateDataToCrm">
    <module xsi:type="xsd:string">Leads</module>
    <id xsi:type="xsd:string">3b3a80d7-1f43-e0a5-e794-51c2e9e9d4f0</id>
    <relationship soapenc:arrayType="tns:BeanList[2]">
      <Item xsi:type="tns:BeanList">
        <bean_id xsi:type="xsd:string">b77205c7-172c-09c8-5aea-5208d84b8f6a</bean_id>
        <bean_module xsi:type="xsd:string">Contacts</bean_module>
      </Item>
      <Item xsi:type="tns:BeanList">
        <bean_id xsi:type="xsd:string">f342dcdd-b571-fd7b-1c87-51a34be2720c</bean_id>
```

```
<bean_module xsi:type="xsd:string">Targetlists</bean_module>
</Item>
</relationship>
</data>
</tns:buidRelationship>
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">success</status>
  <id xsi:type="xsd:string">719f13a7-2e8e-990d-d975-53be9697ed9a</id>
  <message xsi:type="xsd:string"></message>
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
  <id xsi:type="xsd:string"></id>
  <message xsi:type="xsd:string">Invalid API key</message>
</return>
```

getServerTime Method

Purpose:

We can use this function to get current server time from CRM. It returns [status],[id],[message].

Request Parameter:

Parameter	Required	Datatype	Description
token	Yes	string	Needed for authenticating the user
apiKey	Yes	string	Used to make API calls

Call:

```
$client = new soapclient('https://app01. convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->serverTime($token, $apikey);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:serverTime>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnPseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
</tns:serverTime>
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">success</status>
  <id xsi:type="xsd:string">2013-09-02 05:32:14</id>
  <message xsi:type="xsd:string"></message>
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
```

```
<status xsi:type="xsd:string">error</status>  
<id xsi:type="xsd:string"></id>  
<message xsi:type="xsd:string">Invalid API key</message>  
</return>
```

logout Method

Purpose:

We can use this function to logout from CRM using API. It returns [status], [id], [message].

Request Parameter:

Parameter	Required	Datatype	Description
token	Yes	string	Needed for authenticating the user
apiKey	Yes	string	Used to make API calls

Call:

```
$client = new soapclient('https://app01.convergehub.com/nusoap/server.php?wsdl', array("trace"=>1,"exceptions" => 0));
$response = $client->logout($token, $apikey);
```

Request:

```
<?xml version="1.0" encoding="utf-8"?>
<tns:logout>
  <token xsi:type="xsd:string">18ED6sRnv9c8zm3ObDsM..k9Qe3RhnpseKPEyzg</token>
  <apiKey xsi:type="xsd:string">GD2JU545HQID545H</apiKey>
</tns:logout>
```

Response: Success

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">success</status>
  <id xsi:type="xsd:string">431dd21e-3ef8-ac7b-a2a1-515bc6b3f976</id>
  <message xsi:type="xsd:string"></message>
</return>
```

Response: Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<return xsi:type="tns:DataResult">
  <status xsi:type="xsd:string">error</status>
```

```
<id xsi:type="xsd:string"></id>  
<message xsi:type="xsd:string">Invalid API key</message></return>
```