**WAVO Integration API for MSP**

|  |  |
| --- | --- |
| Document | WAVO Integration API for MSP |
| Date | 15-04-2018 |
| Author (Department) | Asfar Irshad |
| Draft proposal  Final draft proposal  Accepted document | |

**Document Control Information**

|  |  |
| --- | --- |
| Document Name | WAVO Integration API for MSP |
| Document Version | 2.5 |
| Author (Designation) | Asfar Irshad (Software Developer) |
| Date of Release | 15-04-2018 |
| Total Pages | 27 |
| Review Period |  |
| Retention Period |  |
| Distribution |  |

**Release Information**

|  |  |  |  |
| --- | --- | --- | --- |
| Action | Responsibility | Date | Name |
| Released by | Software Developer | 18-01-2018 | Asfar Irshad |
| Reviewed by | Enterprise Architect Manager | 13-11-2017 | Shibu Cheriyekkara |
| Approved by |  |  |  |

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Issue date** | **Reason for change** | **Description of change** |
| 1.0 | 13-11-17 | NA | Initial draft |
| 1.1 | 13-11-17 | Changes on Review points |  |
| 1.2 | 19-11-17 | Changes in create api | Return userid with 25 response |
| 1.3 | 18-12-17 | API URL updated | API URL updated |
| 1.4 | 21-12-17 | Added a response code | Added 31 in terminate package |
| 1.5 | 26-12-17 | Changed response code | Change critical exception to 99 |
| 1.6 | 21-01-17 | Creation of Invoice API | Added new API method for creating legal invoice. |
| 1.7 | 11-02-18 | Addition of new parameter : extra and removal of providerId parameter | An "extra" parameter will be added in Create API and also in Add Packages API.Provider Id parameter will be removed from CreateCustomer Api. |
| 1.8 | 19/02/18 | Added Update function | Added an API function to update customer |
| 1.9 | 27/02/18 | Added a new response | Response code 24 and some more changes |
| 1.10 | 06/03/18 | Date format corrected |  |
| 1.11 | 12/03/18 | Corrected extra format |  |
| 2.1 | 21/03/18 | Add Telco New Response Codes | 101 : Migration Not Allowed, |
| 2.2 | 25/03/2018 | Added response codes, and updated message | Added 102, updated message for 24 |
| 2.3 | 26/03/2018 | Changed message | Reverted the message of response code 24 |
| 2.4 | 08/04/2018 | Response Code Change | Changed 27 to 34 in Update API |
| 2.5 | 15/04/2018 | Corrected text in invoice | Corrected text in invoice |
| 2.6 | 04/06/2048 | New KVP added | New KVP added |

Contents

[1. Introduction 7](#_Toc506814690)

[2. API Method Specifications 8](#_Toc506814691)

[2.1. Create Customer 8](#_Toc506814692)

[API Description 8](#_Toc506814693)

[Request Link 8](#_Toc506814694)

[Request Verb 8](#_Toc506814695)

[Request Header 8](#_Toc506814696)

[Request Body 8](#_Toc506814697)

[Sample Request 9](#_Toc506814698)

[Response Properties 10](#_Toc506814699)

[Sample Response if customer not exists 10](#_Toc506814700)

[Sample Response if customer already exists 11](#_Toc506814701)

[Response codes 11](#_Toc506814702)

[2.2. Update Customer 11](#_Toc506814703)

[API Description 11](#_Toc506814704)

[Request Link 11](#_Toc506814705)

[Request Verb 11](#_Toc506814706)

[Request Header 12](#_Toc506814707)

[Request Body 12](#_Toc506814708)

[Sample Request 13](#_Toc506814709)

[Response Properties 13](#_Toc506814710)

[Sample Response if customer updated successfully 14](#_Toc506814711)

[Sample Response if customer does not exist successfully 14](#_Toc506814712)

[Response codes 14](#_Toc506814713)

[2.3. Add Package 14](#_Toc506814714)

[API Description 14](#_Toc506814715)

[Request Link 14](#_Toc506814716)

[Request Verb 14](#_Toc506814717)

[Request Header 15](#_Toc506814718)

[Request Body 15](#_Toc506814719)

[Sample Request 15](#_Toc506814720)

[Response Properties 16](#_Toc506814721)

[Sample Response if package already exists 16](#_Toc506814722)

[Sample Response if package is successfully added 16](#_Toc506814723)

[Response codes 16](#_Toc506814724)

[2.4. Terminate Package 16](#_Toc506814725)

[API Description 16](#_Toc506814726)

[Request Link 16](#_Toc506814727)

[Request Verb 16](#_Toc506814728)

[Request Header 17](#_Toc506814729)

[Request Body 17](#_Toc506814730)

[Sample Request 17](#_Toc506814731)

[Response Properties 17](#_Toc506814732)

[Sample Response if package is already terminated 18](#_Toc506814733)

[Sample Response if package is not added. 18](#_Toc506814734)

[Sample Response if package is terminated successfully. 18](#_Toc506814735)

[Response codes 18](#_Toc506814736)

[2.5. Suspend Customer 19](#_Toc506814737)

[API Description 19](#_Toc506814738)

[Request Link 19](#_Toc506814739)

[Request Verb 19](#_Toc506814740)

[Request Header 19](#_Toc506814741)

[Request Body 19](#_Toc506814742)

[Sample Request 19](#_Toc506814743)

[Response Properties 20](#_Toc506814744)

[Sample Response if account is suspended successfully 20](#_Toc506814745)

[Sample Response if account is already suspended 20](#_Toc506814746)

[Response codes 20](#_Toc506814747)

[2.6. Reactivate Customer 20](#_Toc506814748)

[API Description 20](#_Toc506814749)

[Request Link 20](#_Toc506814750)

[Request Verb 20](#_Toc506814751)

[Request Header 21](#_Toc506814752)

[Request Body 21](#_Toc506814753)

[Sample Request 21](#_Toc506814754)

[Response Properties 21](#_Toc506814755)

[Sample Response if user is reactivated successfully. 21](#_Toc506814756)

[Sample Response if user is already activated 22](#_Toc506814757)

[Response codes 22](#_Toc506814758)

[2.7. Deactivate Customer 22](#_Toc506814759)

[API Description 22](#_Toc506814760)

[Request Link 22](#_Toc506814761)

[Request Verb 22](#_Toc506814762)

[Request Header 22](#_Toc506814763)

[Request Body 22](#_Toc506814764)

[Sample Request 23](#_Toc506814765)

[Response Properties 23](#_Toc506814766)

[Sample Response if customer is deactivated successfully 23](#_Toc506814767)

[Response codes 23](#_Toc506814768)

[2.8. Generate Invoice 23](#_Toc506814769)

[API Description 23](#_Toc506814770)

[Request Link 24](#_Toc506814771)

[Request Verb 24](#_Toc506814772)

[Request Header 24](#_Toc506814773)

[Request Body 24](#_Toc506814774)

[Sample Request 25](#_Toc506814775)

[Response Properties 26](#_Toc506814776)

[Sample Response if customer is deactivated successfully 26](#_Toc506814777)

[Response codes 26](#_Toc506814778)

[3. Service Details 27](#_Toc506814779)

# 1. Introduction

This document describes the API specification for the integration with MSP. This RESTful API for MSP integration functionalities are prepared based on the specification, which are agreed with MSP integration team. Here explains API requests and responses with appropriate examples for integration purpose. Any changes in the API specification should be amended accordingly and released with new versions.

# 2. API Method Specifications

Here describes all possible RESTful API methods that can be used for integration with external systems for managing the Wavo subscription. Below listed APIs are based on the specific requirement for integration with MSP. Final request links would be shared separately.

# 2.1. Create Customer

### API Description

This API creates the WAVO customer in the OSN system and provide the response of complete details of subscription. Below explains the detailed description of API and responses.

### Request Link

Link http://xxx/eservice/api/v10/Subscription/Create

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjMTZjN2Y3NTRhNmYTlhOA== |
| Accept-Language | en-GB |

### 

### Request Body

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | EmailAddress | Email Address of the user | Mandatory\*\* | | MobileNumber | Mobile number of the user | Mandatory\*\* | | Packages | All the packages of the user | Mandatory | | BirthDate | Birth date of the user | Optional | | Address | Address of the user | Optional | | Country | Country of the user | Optional | | City | City of the user | Optional | | Gender | Gender of the user  Possible values "Male", "M", "Female", "F" | Optional | | CustomerUsernameID | Identifier of the customer for some providers | Mandatory\*\* | | Password | Password of the user | Mandatory | | Name | Name of the user | Optional | | Title | TitleId of the user | Optional | | LanguagePreference | Valid values: Arabic, a, English, e. Any input other than e, a, English or Arabic will be converted to English. | Optional | | Email2 | 2nd email address of the user | Optional | | Mobile2 | 2nd mobile number of the user | Optional | | Extra | This is a predefined set of Keys with its values. If any Keys which are not agreed, that will be ignored.  Additional parameters of the user in key value format e.g. {MCC:"971", MNC:"01", Prod: "01"}  Here MCC is mobile country code, MNC : Mobile Network Code and Prod is Product ID. | Optional | |  |

### 

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Subscription/Create HTTP/1.1  Host: webapi-test.osnit.stratalux.net  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature==OGI2NDRjZmE2NmFkZjk0YmJjMTZjN2Y3NTRhNmI3YjY3ZDM0ZjFhZDZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB    Content-Type: application/json  {  "EmailAddress" : "[taha.hasan@osn.com](mailto:taha.hasan@osn.com)",  "MobileNumber" : "00971509796829",  "Packages" : [3507],  "BirthDate" : "MM/dd/yyyy" (format),  "Address" : "Street8, Villa 10",  "Country" : "UNITED ARAB EMIRATES",  "City" : "DUBAI",  "Gender" : "Male",  "CustomerUsernameID" : "testinguer",  "Password" : "ABC@787878",  "Name" : "TestUser",  "Title" : 1,  "LanguagePreference" : "E",  "Email2" : "testemail2",  "Mobile2": "01212121",  "Extra": { "MCC": "971","MNC": "01","Prod": "01"}  } |
|  |
|  |

### Response Properties

|  |  |
| --- | --- |
| Message | Message if any |
| ResponseCode | Response code for the request |
| Customer Status | Status of user in ICC |
| Customer Type | Type of user in ICC |
| UserId | GUID of the user in WAVO database |
| AccountCollection | List of accounts and their agreements and the corresponding products |

### Sample Response if customer not exists

|  |
| --- |
| {  "customerStatus": "OTT Active",  "customerType": "OTT Du",  "userId": "F9168C5E-CEB2-4faa-B6BF-329BF39FA1E4",  "responseCode": "0",  "accountColection": [{  "accountType": "OTT Du",  "agreementCollection": [{  "agreementType": "OTT Du",  "productCollection": [{  "productExpiry": "MM/dd/yyyy HH:mm:ss",  "productId": "3599",  "productStatus": "OTT Active"  }]  }],  "responseCode": "0"  }]  } Sample Response if customer already exists {  "userId": "5e57ead1-d762-8979-e053-66fdfa0a6811",  "responseCode": 25,  "message": "Customer already exists"  } |

### Response codes

 0 Success

 25 Customer already exists

 21 Product Invalid

 22 Invalid Parameter

 99 Critical Exception

# 2.2. Update Customer

### API Description

This API updates the WAVO customer details in OSN system and provide the response of complete details of subscription. Below explains the detailed description of API and responses.

### Request Link

Link http://xxx/eservice/api/v10/Subscription/Update

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjMTZjN2Y3NTRhNmYTlhOA== |
| Accept-Language | en-GB |

### 

### Request Body

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | userId | GUID of the user in WAVO database | Mandatory | | emailAddress | Email Address of the user | Optional | | mobileNumber | Mobile number of the user | Optional | | birthDate | Birth date of the user | Optional | | address | Address of the user | Optional | | country | Country of the user | Optional | | city | City of the user | Optional | | gender | Gender of the user  Possible values "Male", "M", "Female", "F" | Optional | | customerUsernameID | Identifier of the customer for some providers | Optional | | Password\* | Password of the user | Optional | | name | Name of the user | Optional | | title | TitleId of the user | Optional | | languagePreference | Language preference of the user  Possible Values "English", "E", "Arabic", "A" | Optional | | email2 | 2nd email address of the user | Optional | | mobile2 | 2nd mobile number of the user | Optional | |  |

- The update request will be done based "UserId" as the customer identifier

\* The new password should comply with the following password validation rules

- At least 8 characters

- Must contain at least 1 letter

- Must contain at least 1 number

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Subscription/Update HTTP/1.1  Host: webapi-test.osnit.stratalux.net  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature==OGI2NDRjZmE2NmFkZjk0YmJjMTZjN2Y3NTRhNmI3YjY3ZDM0ZjFhZDZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB  Content-Type: application/json  {  "userId": "F9168C5E-CEB2-4faa-B6BF-329BF39FA1E4",  "emailAddress" : "[taha.hasan@osn.com](mailto:taha.hasan@osn.com)",  "mobileNumber" : "00971509796829",  "birthDate" : "MM/dd/YYYY" (format),  "address" : "Street8, Villa 10",  "country" : "UNITED ARAB EMIRATES",  "city" : "DUBAI",  "gender" : "Male",  "customerUsernameID" : "testinguer",  "password" : "ABC@787878",  "name" : "TestUser",  "title" : "1",  "languagePreference" : "E",  "email2" : "testemail2",  "mobile2": "01212121"  } |
|  |

### Response Properties

|  |  |
| --- | --- |
| message | Message if any |
| responseCode | Response code for the request |

### Sample Response if customer updated successfully

{

Message : "",

responseCode : 0

}

### Sample Response if customer does not exist successfully

{

message : " User does not exist.",

responseCode : 26

}

### Response codes

 0 Success

 22 Invalid Parameters

 24 User type is not OTT Telco

 26 User does not exist

 34 User not allowed to edit

 28 Some fields are not updated. Partially updated.

 99 Critical Code exception

# 2.3. Add Package

### API Description

This API add additional packages for User in OSN system. It ignores all the existing packages. All possible packages will be provided separately.

### Request Link

Link http://xxx/eservice/api/v10/Account/AddPackage

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA== |
| Accept-Language | en-GB |

### Request Body

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | UserId | GUID of the user in WAVO database | Mandatory | | Packages | Package Ids to request for user | Mandatory | | Extra | This is a predefined set of Keys with its values. If any Keys which are not agreed, that will be ignored.    Additional parameters of the user in key value format e.g. {MCC:"971", MNC:"01", Prod: "01", Channel:” DCBCheckout”}  Here MCC is mobile country code, MNC: Mobile Network Code and Prod is Product ID. | Optional | |  |

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Account/AddPackage HTTP/1.1  Host: webapi-test.osnit.stratalux.net  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature= OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB  Content-Type: application/json  {  "UserId":"F9168C5E-CEB2-4faa-B6BF-329BF39FA1E4",  "Packages": [3507],  "Extra": { "MCC": "971","MNC": "01","Prod": "01", “Channel:DCBCheckout”}  } |

### Response Properties

|  |  |
| --- | --- |
| message | Message if any |
| responseCode | Response code for the request |

### Sample Response if package already exists

|  |
| --- |
| {  Message : "Package Already exists",  responseCode : 29  }   Sample Response if package is successfully added {  Message : "",  responseCode : 0  } |

### Response codes

 0 Success

 21 Product Invalid

 22 Invalid Parameters

 26 User does not exist

 29 Package is already added

 31 Package cannot be added. Customer is in suspended state.

 99 Critical Code exception

 101 This user is not eligible for migration

 102 Customer type and Provide type does not match

# 2.4. Terminate Package

### API Description

This API is used to cancel the existing packages which are already subscribed. Already cancelled packages will be ignored in this process.

### Request Link

Link http://xxx/eservice/api/v10/Account/TerminatePackage

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA== |
| Accept-Language | en-GB |

### Request Body

|  |  |
| --- | --- |
| UserId | GUID of the user in WAVO database |
| Packages | Package Ids to terminate for user |

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Account/TerminatePackage  HTTP/1.1  Host: webapi-test.osnit.stratalux.net  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature= OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB      Content-Type: application/json  {  "UserId":"F9168C5E-CEB2-4faa-B6BF-329BF39FA1E4",  "Packages": [3507]  } |
|  |

### Response Properties

|  |  |
| --- | --- |
| message | Message if any |
| responseCode | Response code for the request |

### Sample Response if package is already terminated

|  |
| --- |
| {  message : "Package is already terminated",  responseCode : 30,  }   Sample Response if package is not added. {  Message : "Pack is not added",  responseCode : 32  }   Sample Response if package is terminated successfully. {  Message : "",  responseCode : 0  } |

### Response codes

 0 Success

 21 Product Invalid

 22 Invalid Parameter

 26 User does not exist

 30 Package is already terminated

 31 Package cannot be terminated. Customer is in suspended state.

 32 Package is not added already

 99 Critical Exception

# 2.5. Suspend Customer

### API Description

This API is used to suspend user account. Once the user is suspended in OSN system, user will be able to login to the system but will not be able to view any content.

### Request Link

Link http://xxx/eservice/api/v10/Subscription/Suspend

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA== |
| Accept-Language | en-GB |

### 

### Request Body

|  |  |
| --- | --- |
| UserId | GUID of the user in WAVO database |

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Subscription/Suspend  HTTP/1.1  Host: webapi-test.osnit.stratalux.net  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature= OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB  Content-Type: application/json  {  "UserId":"F9168C5E-CEB2-4faa-B6BF-329BF39FA1E4"  } |
|  |

### Response Properties

|  |  |
| --- | --- |
| responseMessage | Message if any |
| responseCode | Response code for the request |

### Sample Response if account is suspended successfully

|  |
| --- |
| {  message : "",  responseCode : 0,  }   Sample Response if account is already suspended {  message": "User is already suspended",  responseCode": 27  } |

### Response codes

 0 Success

 22 Invalid Parameter

 24 User type is not OTT Telco

 26 User does not exist

 27 User is already suspended

 99 Critical Exception

# 2.6. Reactivate Customer

### API Description

This API reactivates the suspended customer if he is in suspended state in OSN system. All products which are suspended will be activated again.

### Request Link

Link http://xxx/eservice/api/v10/Subscription/Reactivate

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA== |
| Accept-Language | en-GB |

### Request Body

|  |  |
| --- | --- |
| userId | UserId of user who has to be reactivated |

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Subscription/Reactivate HTTP/1.1  Host: webapi-test.osnit.stratalux.net  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature= OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB  Content-Type: application/json  {  userId :"F9168C5E-CEB2-4faa-B6BF-329BF39FA1E4"  } |

### Response Properties

|  |  |
| --- | --- |
| message | Message if any |
| responseCode | Response code for the request |

### 

### 

### Sample Response if user is reactivated successfully.

|  |
| --- |
| {  "message": "",  "responseCode": 0  }   Sample Response if user is already activated {  "message": "User is already activated",  "responseCode": 33  } |

### Response codes

 0 Success

 22 Invalid Parameter

 24 User type is not OTT Telco

 26 User does not exist

 33 User is already activated

 99 Critical exception

# 2.7. Deactivate Customer

### API Description

This API removes the customer data from OSN system and all user details will be allowed to reuse for fresh subscription request.

### Request Link

Link http://xxx/eservice/api/v10/Subscription/Deactivate

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA== |
| Accept-Language | en-GB |

### Request Body

|  |  |
| --- | --- |
| userId | UserId of user who has to be deactivated. |

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Subscription/Deactivate HTTP/1.1  Host: webapi-test.osnit.stratalux.net  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature= OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB  Content-Type: application/json  {  userId :"F9168C5E-CEB2-4faa-B6BF-329BF39FA1E4"  } |

### Response Properties

|  |  |
| --- | --- |
| message | Message if any |
| responseCode | Response code for the request |

### Sample Response if customer is deactivated successfully

|  |
| --- |
| {  "message": "",  "responseCode": 0  } |

### Response codes

 0 Success

 22 Invalid Parameter

 24 User type is not OTT Telco

 26 User does not exist

 99 Critical exception

# 2.8. Generate Invoice

### API Description

This API generates legal tax invoice document in WAVO for customers billed through MSP.

### Request Link

Link http://xxx/eservice/api/v10/Invoice/Generate

### Request Verb

POST

### Request Header

|  |  |
| --- | --- |
| Authorization | osnAuth osnauth\_x\_application\_id=2,  osnauth\_x\_source\_id=7,  osnauth\_x\_timestamp=1502888771,  osnauth\_x\_signature = OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA== |
| Accept-Language | en-GB |

### Request Body

|  |  |
| --- | --- |
| userId | UserId of user who has to be reactivated |
| currencyId | This is a pre-defined numbers under OSN side. Below are possible values  1 USD  2 SAR  3 AED  4 KWD  8 GBP  9 BHD  10 QAR  11 OMR  12 TND  5 JD  6 EGP  7 EUR |
| totalAmount | This is the total amount of invoice. This should be based on the decimal priority. E.g. if country is Kuwait, 3 decimal values will be considered. |
| transactions | Object Collection |
| totalQuantity | Total number of items in the invoice |
| totalUnitPrice | Total amount of unit price. This should be based on the decimal priority. E.g. if country is Kuwait, 3 decimal values will be considered. |
| totalVatCharged | Total VAT amount. This should be based on the decimal priority. E.g. if country is Kuwait, 3 decimal values will be considered. |
| totalAmountDue | Total Amount Due |

Tranactions

|  |  |
| --- | --- |
| dateOfSupply | Supply Date |
| itemDescription | Item Description |
| dueAmount | Amount of in decimal value. This should be based on the decimal priority. E.g. if country is Kuwait, 3 decimal values will be considered. |
| quantity | Number items purchased |
| unitPrice | Unit price |
| vatCharged | VAT amount on the unit price. |
| vatRate | Percentage of VAT |
| vatStatus | This is the VAT status and predefined values. E.g.  "Tatable","Zero rated" |
| fromDate | Purchase Date of the package. |
| toDate | Date until package is valid. |

### Sample Request

|  |
| --- |
| POST eservice/api/v10/Invoice/Generate HTTP/1.1  Host: http://mspapi-in.it.osn-dev.net/Osn.Integration.Api.UI.Web\_deploy/  Authorization: osnAuth osnauth\_x\_application\_id=2, osnauth\_x\_source\_id=7, osnauth\_x\_timestamp=1502888771, osnauth\_x\_signature= OGI2NDRjZmE2NmFkZjk0YmJjZiZjRlZDRmYTQyMDJjZTE0ZGJlYTlhOA==  Accept-Language: en-GB  Content-Type: application/json  {  userId : "614d93fa-61a6-158f-e053-66fdfa0a6d87",  currencyCode : 1,  totalAmount : 200,  transactions : [{ dateOfSupply:"11/10/2017", description:"desc", dueAmount:10, quantity:5, unitPrice:2, vatCharged:60, vatRate:2, vatStatus: "Taxable", fromDate:"1/31/2018", toDate:"2/9/2018"}],  totalQuantity : 200,  totalUnitPrice : 100,  totalVATCharged : 10,  totalAmountDue: 190  } |

### Response Properties

|  |  |
| --- | --- |
| message | Message if any |
| responseCode | Response code for the request |
| invoiceFileReferenceId | Referenced Invoice ID |

### Sample Response if invoice is generated successfully

|  |
| --- |
| {  "invoiceFileReferenceId": 2370,  "responseCode": 0,  "returnId": 0,  "messageResponse": {  "messageCode": 0,  "exceptionCode": 0,  "userMessages": []  }  } |

### Response codes

 0 Success

 22 Invalid Parameter

 26 User does not exist

 99 Critical exception

# 3. Service Details

Described below is the URL for the API. Actual URLs will be provided in the updated version of document.

Dev URL: http://webapi-test.osnit.stratalux.net/<Subject to change, if required>

Test URL: http://webapi-test.osnit.stratalux.net/<Subject to change, if required>

Production URL: http://webapi-test.osnit.stratalux.net/<Subject to change, if required>