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**Section 1 – HTTP Post**

# 1.1 URL:

<https://spf.tungstenrev.com/orderprocessor/order/add/v3>

# 1.2 HTTP POST Parameters

All parameters are case-sensitive

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Size** | **Type** | **Description** |
| acctype\* | 20 max | Alpha-numeric | **creditcard:** for paid product  **nocharge:** for free product |
| organizationid\* | 40 max | Alpha-numeric | Assigned by Tungsten Revenue. |
| transactiontype\* | 20 max | Alpha-numeric | **Sale**: for paid product  **NoCharge**: for free product |
| campaignid\* | 20 max | Numeric | Assigned by Tungsten Revenue. |
| subcampaignid\* | 20 max | Numeric | Assigned by Tungsten Revenue. |
| bundleid\* | 10 max | Numeric | Assigned by Tungsten Revenue. |
| productid | 10 max | Numeric | Assigned by Tungsten Revenue if required |
| ipaddress\* | 20 max | Alpha-numeric | IP address from which sales are posted |
| firstname\* | 64 max | Alpha-numeric |  |
| lastname\* | 64 max | Alpha-numeric |  |
| emailaddress\* | 80 max | Alpha-numeric and email specific “@”, “.” | Must comply with standard email format username@domainname.com |
| phone\* | 20 max | Numeric |  |
| secondaryphone | 20 max | Numeric |  |
| address1\* | 100 max | Alpha-numeric |  |
| address2 | 100 max | Alpha-numeric |  |
| city\* | 64 max | Alpha-numeric |  |
| provinceabbreviation\* | 64 max | Alpha | Use standard 2 letter ISO abbreviation |
| postalcode\* | 10 max | Alpha-numeric | Accepts US zip and CA postal codes |
| countrycode\* | 2 max | Alpha-numeric | Country Abbreviation Ex. Canada=CA; USA=US |
| order\_originatorid\* | 10 max | Numeric | 1 |
| order\_originatororderidentifier\* | 100 max | Alpha-numeric | 0 |
| userinfo\_productwebusername\* | 100 max | Alpha-numeric | Must be customer valid email address |
| userinfo\_productwebuserpassword\* | 30 max | Alpha-numeric | Generate random alphanumeric password, min 6 characters, no spaces or special characters |
| note | 100 max | Alpha-numeric | Assigned by Tungsten Revenue if required |
| memberid | 50 max | Alpha-numeric | Assigned by Tungsten Revenue if required |
| accholderfirstname\* | 100 max | Alpha-numeric |  |
| accholderlastname\* | 100 max | Alpha-numeric |  |
| accnumber\*\* | 16 max | Numeric |  |
| acccompany\*\* | 20 max | Alpha-numeric | Visa, MasterCard, AmericanExpress, Discover |
| acccvv\*\* | 5 max | Numeric |  |
| accexpirationmonth\*\* | 2 max | Numeric | (Ex: March would be 03) |
| accexpirationyear\*\* | 2 max | Numeric | (Ex: 2015 would be 15, 2016 would be 16) |
| nickname | 50 max | Alpha-numeric |  |
| billingaddress1\*\* | 100 max | Alpha-numeric |  |
| billingaddress2 | 100 max | Alpha-numeric |  |
| billingcity\*\* | 64 max | Alpha-numeric |  |
| billingprovinceabbreviation\*\* | 64 max | Alpha | Use standard 2 letter ISO abbreviation |
| billingpostalcode\*\* | 10 max | Alpha-numeric |  |
| billingcountrycode\*\* | 2 max | Alpha-numeric | Country Abbreviation Ex. Canada=CA; USA=US |
| x\_Order\_\_CallID\* | 64 max | Alpha-numeric | Tungsten Revenue to specify if required  Received callID from call transfer  (2 underscores between Order and CallID) |
| x\_Order\_\_AgentID\* | 64 max | Alpha-numeric | Agent ID |
| x\_Order\_\_CallRecordID\* | 64 max | Alpha-numeric | Name of sale recording file in .wav or .mp3 |
| x\_Order\_\_CustomerProductSold\* | 64 max | Alpha-numeric | Name of the primary product sold |
| scrubonly | 1 max | Numeric | 0 = No validation; 1= Validate |
| x\_Order\_\_MagazineCodeLabel | 64 max | Alpha-numeric | **Universal Magazine Code** |
| x\_Order\_\_MagazineCodeValue | 5 max | Numeric | Four digit UMC |
| x\_Order\_\_GenderLabel | 64 max | Alpha-numeric | **Gender** |
| x\_Order\_\_GenderValue | 1 max | Alpha | M or F |
| x\_Order\_\_CustomerDateOfBirth | 8 max | Numeric | YYYYMMDD |
| x\_Order\_\_Category | 64 max | Alpha-numeric | Assigned by Tungsten. |
| x\_Order\_\_ExternalID | 64 max | Alpha-numeric | Assigned by call center for reporting purposes |

\* - mandatory fields, \*\* - mandatory fields only if transactiontype is “Sale”

# 1.3 HTTP POST Examples:

Posts should be in one unbroken line. Please use URL encoding for spaces, symbols, special characters, etc.

URL: https://spf.tungstenrev.com/orderprocessor/order/add/v3

## 1.3.1 Creating a Free Order

Use this only when the main product is a free offer and only if specified by Tungsten.

acctype=nocharge&organizationid=1725fd3e-ba08-4570-ac4d-54da4cc05205&transactiontype=NoCharge&campaignid=88888909&subcampaignid=1000028&bundleid=124&productid=&ipaddress=173.65.3.11&firstname=John&lastname=Testing&emailaddress=jtesting1%40mailinator.com&phone=5145552222&secondaryphone=&address1=123+CMI+Street&address2=Apt+111&city=Montreal&provinceabbreviation=QC&postalcode=H2Y2P5&countrycode=CA&order\_originatorid=1&order\_originatororderidentifier=0&userinfo\_productwebusername=jtesting1%40mailinator.com&userinfo\_productwebuserpassword=Test123&memberid=&accholderfirstname=John&accholderlastname=Testing&x\_Order\_\_CallID=1234567890&x\_Order\_\_AgentID=10000&x\_Order\_\_CallRecordID=5145552222&x\_Order\_\_CustomerProductSold=TEST+Product

## 1.3.2 Creating a Regular Order

This order type is used for sending test orders as well as live orders.

acctype=creditcard&organizationid=7472330d-7e7d-4463-8e5d-3e2fdff4e2ca&transactiontype=Sale&campaignid=88888901&subcampaignid=1000020&bundleid=272&productid=&ipaddress=173.65.3.11&firstname=John&lastname=Doe&emailaddress=test%40test.com&phone=1234567890&secondaryphone=&address1=123+main+st&address2=apt+123&city=Anywhere&provinceabbreviation=MA&postalcode=12345&countrycode=US&order\_originatorid=1&order\_originatororderidentifier=0&userinfo\_productwebusername=test%40test.com&userinfo\_productwebuserpassword=Jo1234567890&memberid=&accholderfirstname=John&accholderlastname=Doe&accnumber=4111111111111111&acccompany=Visa&acccvv=123&accexpirationmonth=09&accexpirationyear=16&billingaddress1=123+main+st&billingaddress2=apt+123&billingcity=Anywhere&billingprovinceabbreviation=MA&billingpostalcode=12345&billingcountrycode=US&x\_Order\_\_CallID=1234567890&x\_Order\_\_AgentID=10000&x\_Order\_\_CallRecordID=1234567890.mp3&x\_Order\_\_CustomerProductSold=TEST+Product&x\_Order\_\_ExternalID=ABC5555

## 1.3.3 Creating a Magazine Order

This order type is used for sending magazine orders.

acctype=creditcard&organizationid=7472330d-7e7d-4463-8e5d-3e2fdff4e2ca&transactiontype=Sale&campaignid=88888901&subcampaignid=1000020&bundleid=272&productid=&ipaddress=173.65.3.11&firstname=John&lastname=Doe&emailaddress=test%40test.com&phone=1234567890&secondaryphone=&address1=123+main+st&address2=apt+123&city=Anywhere&provinceabbreviation=MA&postalcode=12345&countrycode=US&order\_originatorid=1&order\_originatororderidentifier=0&userinfo\_productwebusername=test%40test.com&userinfo\_productwebuserpassword=Jo1234567890&memberid=&accholderfirstname=John&accholderlastname=Doe&accnumber=4111111111111111&acccompany=Visa&acccvv=123&accexpirationmonth=09&accexpirationyear=16&billingaddress1=123+main+st&billingaddress2=apt+123&billingcity=Anywhere&billingprovinceabbreviation=MA&billingpostalcode=12345&billingcountrycode=US&x\_Order\_\_CallID=1234567890&x\_Order\_\_AgentID=10000&x\_Order\_\_CallRecordID=1234567890.mp3&x\_Order\_\_MagazineCodeLabel=Universal+Magazine+Code&x\_Order\_\_MagazineCodeValue=8416&x\_Order\_\_GenderLabel=Gender&x\_Order\_\_GenderValue=M&x\_Order\_\_CustomerDateOfBirth=19851005&x\_Order\_\_CustomerProductSold=TEST+Product

## 1.3.4 Scrubbing for Duplicates

This order type is used to scrub against duplicate orders and is a two-step process.

The first step is to send the following post:

acctype=creditcard&organizationid=3c855a2e-9c81-4f87-ab61-bc8492a20ffc&transactiontype=Sale&campaignid=88888890&subcampaignid=1000009&bundleid=253&productid=&ipaddress=195.65.3.11&firstname=John&lastname=Doe&emailaddress=test%40test.com&phone=1234567890&secondaryphone=&address1=123+main+st&address2=apt+123&city=Anywhere&provinceabbreviation=ON&postalcode=12345&countrycode=CA&order\_originatorid=1&order\_originatororderidentifier=0&userinfo\_productwebusername=test%40test.com&userinfo\_productwebuserpassword=1234567890&memberid=&accholderfirstname=John&accholderlastname=Doe&accnumber=4111111111111111&acccompany=Visa&acccvv=123&accexpirationmonth=03&accexpirationyear=16&billingaddress1=123+main+st&billingaddress2=apt+123&billingcity=Anywhere&billingprovinceabbreviation=ON&billingpostalcode=12345&billingcountrycode=CA&x\_Order\_\_CallID=1234567890&x\_Order\_\_AgentID=10000&x\_Order\_\_CallRecordID=Test123&scrubonly=1

If the customer is not a duplicate, the [Success on Duplicate Scrubbing](#_Success_on_Duplicate) response will be obtained. Proceed to submit complete order as shown in [1.3.2 Creating a Regular Order](#_1.3.2_Creating_a) or [1.3.3 Creating a Magazine Order](#_1.3.3_Creating_a).

If the customer is a duplicate, the response will be [Decline on Duplicate Scrubbing](#_Decline_on_Duplicate). Do not resubmit the order.

# 1.4 Response Format

In the response to the HTTP POST the following formatted message will be sent:

### Success on Order using Test Credit Card:

<OrderResult>

<Response Success="False" OutputCustomerId="654321" OrderId="" OrderIdentifier="" ServerMsg="3023-Your request has been declined by the issuing bank due to its proprietary card activity regulations." DetailedMsg="Your request has been declined by the issuing bank due to its proprietary card activity regulations." AvsResultCode="OpAVS002" AvsResultDescription="AVS not performed for international transaction. Either the postal code has invalid format or address information" CvvResultCode="" CvvResultDescription="" />

</OrderResult>

### Success for Live Order:

<OrderProcess>

<Response Success="True" OutputCustomerId="654321" OrderId="123456" OrderIdentifier="a89aac6b-7d11-005b-b77a-0e66e336a7a4" ServerMsg="" DetailedMsg=""><ResponseElements />

</Response>

</OrderProcess>

### Success on Duplicate Scrubbing:

<OrderResult>

<Response Success="True" OutputCustomerId="654321" OrderId="805399" OrderIdentifier="089739e6-9821-48ec-b1f4-77f5e6879177" BillableElementToken="019uavv68w37ah" ServerMsg="Success CUST VALIDATE" DetailedMsg="Customer is not duplicate" AvsResultCode="" AvsResultDescription="" CvvResultCode="" CvvResultDescription="" />

</OrderResult>

### Declines:

<OrderProcess>

<Response Success="False" OutputCustomerId="654321" OrderId="" OrderIdentifier="a89aac6b-7d11-005b-b77a-0e66e336a7a4" ServerMsg="Error invalid credit card: Error cc val fails" DetailedMsg=""><ResponseElements />

</Response>

</OrderProcess>

<OrderProcess>

<Response Success="False" OutputCustomerId="654321" OrderId="" OrderIdentifier="a89aac6b-7d11-005b-b77a-0e66e336a7a4" ServerMsg="Error duplicate account: Error creating product account user" DetailedMsg=""><ResponseElements />

</Response>

</OrderProcess>

### Decline on Duplicate Scrubbing:

<OrderResult>

<Response Success="False" OutputCustomerId="654321" OrderId="" OrderIdentifier="" ServerMsg="Error CUST VALIDATE" DetailedMsg="Error CUST VALIDATE fails" AvsResultCode="" AvsResultDescription="" CvvResultCode="" CvvResultDescription="" />

</OrderResult>

### General System Decline:

<Response>

<Result>Failure</Result>

<Error>

<Code>ERR\_UNKNOWN</Code>

<Message>Unknown error. Please, review the application logs for further details or contact Administrator</Message>

</Error>

</Response>

### CRM Timeout Decline: system timeout, retry at a later time

<OrderResult> <Response Success="False" OutputCustomerId="924970" OrderId="" OrderIdentifier="" ServerMsg="Error while communicating CRM" DetailedMsg="Error CRM seems to be down" AvsResultCode="" AvsResultDescription="" CvvResultCode="" CvvResultDescription="" />

</OrderResult>

**Section 2 – Sample Code**

# 2.1 PHP-CURL Example to Send

<?php

$url = "https://spf.tungstenrev.com/orderprocessor/order/add/v3";

$request\_params = array(

'acctype' => 'creditcard',

'organizationid' => 'ab1a7b52-z634-4044-b365-1308bz1cccae',

'transactiontype' => 'Sale', //Nocharge

'campaignid' => '1111',

'subcampaignid' => '1112',

'bundleid' => '123',

'productid' => '',

'ipaddress' => '127.0.0.1',

'firstname' => 'test',

'lastname' => 'test',

'emailaddress' => 'test@test.com',

'phone' => '1234567890',

'secondaryphone' => '',

'address1' => 'test addr1',

'address2' => 'test addr2',

'city' => 'Montreal',

'provinceabbreviation' => 'QC',

'postalcode' => 'h2y3v1',

'countrycode' => 'CA',

'order\_originatorid' => '1',

'order\_originatororderidentifier' => '0',

'userinfo\_productwebusername' => 'test@test.com',

'userinfo\_productwebuserpassword' => 'testpass12',

'note' => '',

'memberid' => '',

'accholderfirstname' => 'Test first name',

'accholderlastname' => 'Test last name',

'x\_Order\_\_CallID' => '9052558855'

'x\_Order\_\_AgentID' => '9975'

'x\_Order\_\_CallRecordID' => '17042014-160159-9975.wav'

'x\_Order\_\_CustomerProductSold' => 'Raspberry Ketone'

'scrubonly' => '1'

**//include following parameters only in case of "transactiontype=Sale"**

'accnumber' => '4111111111111111',

'acccompany' => 'Visa', //possible values: Visa, MasterCard, AmericanExpress, Discover

'acccvv' => '123',

'accexpirationmonth' => '03',

'accexpirationyear' => '15',

'billingaddress1' => 'test bill addr1',

'billingaddress2' => 'test bill addr2',

'billingcity' => 'Montreal',

'billingprovinceabbreviation' => 'QC',

'billingpostalcode' => 'h2y3v1',

'billingcountrycode' => 'CA',

'x\_Order\_\_MagazineCodeLabel' => 'Universal Magazine Code',

'x\_Order\_\_MagazineCodeValue' => '8416',

'x\_Order\_\_GenderLabel' => 'Gender',

'x\_Order\_\_GenderValue' => 'F',

'x\_Order\_\_CustomerDateOfBirth' => '19801025',

'x\_Order\_\_Category' => 'Tungstenvalue'

);

$request = "";

foreach( $request\_params as $key => $value ) $request .="$key=".$value."&";

$curl\_response = send\_curl\_request\_api($url, $request);

function send\_curl\_request\_api($url, $request){

$curl\_response = '';

$ch=curl\_init();

curl\_setopt($ch, CURLOPT\_URL, $url);

curl\_setopt($ch, CURLOPT\_SSL\_VERIFYPEER, 0);

curl\_setopt($ch, CURLOPT\_NOPROGRESS, 1);

curl\_setopt($ch, CURLOPT\_VERBOSE, 1);

curl\_setopt($ch, CURLOPT\_FOLLOWLOCATION,0);

curl\_setopt($ch, CURLOPT\_POST, 0);

curl\_setopt($ch,CURLOPT\_HTTPHEADER,array (

'SOAPAction: ""',

"Content-Type: application/x-www-form-urlencoded; charset=utf-8",

"Expect: 100-continue"));

curl\_setopt($ch, CURLOPT\_POSTFIELDS, $request);

curl\_setopt($ch, CURLOPT\_TIMEOUT, 120);

curl\_setopt($ch, CURLOPT\_RETURNTRANSFER, 1);

$curl\_response = curl\_exec($ch);

curl\_close($ch);

return $curl\_response;

}

?>