



PayTabs SADAD Payment Plugin for WooCommerce

PAYTABS SADAD PAYMENT PLUGIN FOR WOOCOMMERCE INSTALLATION GUIDE
VERSION 2.0

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Revision History

Version	Description of Change	Date
1.0	- New Document	14/09/2014
2.0	- New SADAD Payment Plugin Update for latest WooCommerce Version 2.4.6 & WordPress Version 4.3	31/08/2015

1. Overview

At PayTabs, we are committed to providing the most secure, reliable and user-friendly payment processing solutions. By partnering with us for your payment processing needs, you can be confident that payment transactions will be processed quickly and efficiently, and your customers' information will be safe.

You'll enjoy our easy set-up using our Plugins and easy integration with our APIs. Our two-level fraud protection system protects transaction data throughout the payment process. With PayTabs as your payment processor, you'll benefit from the fastest, most secure, and cost-effective payment processing in the industry.

PayTabs Plugin is using PayTabs API which is a RESTful resource. In order to integrate with PayTabs Payment Plugin for your eCommerce solution, you will need the credentials of your PayTabs Merchant Account. If you do not have a merchant account, you can sign up for one [here](#).

It's important to note that the PayTabs payment plugins are constantly evolving, and updates are usually done every quarter, if required. PayTabs will intimate any major plugin change, so it's important that you check your merchant dashboard notification or e-mail, frequently to be updated.

1.1 Test Merchant Account v/s Live Merchant Account

PayTabs does not offer an explicit Sandbox / Testing environment. But using a demo account, you can freely test all the functionalities and integrate our API and Plugin without any hassle. In order to move to LIVE PRODUCTION environment, you will need to activate your LIVE MERCHANT ACCOUNT by clicking on [GO LIVE](#) through your PayTabs Merchant Account. PayTabs requires some personal information, documents and other details related to your business to validate your business. Once your Merchant Account is activated, you will have been moved to the LIVE PRODUCTION environment.

1.2 Target Audience

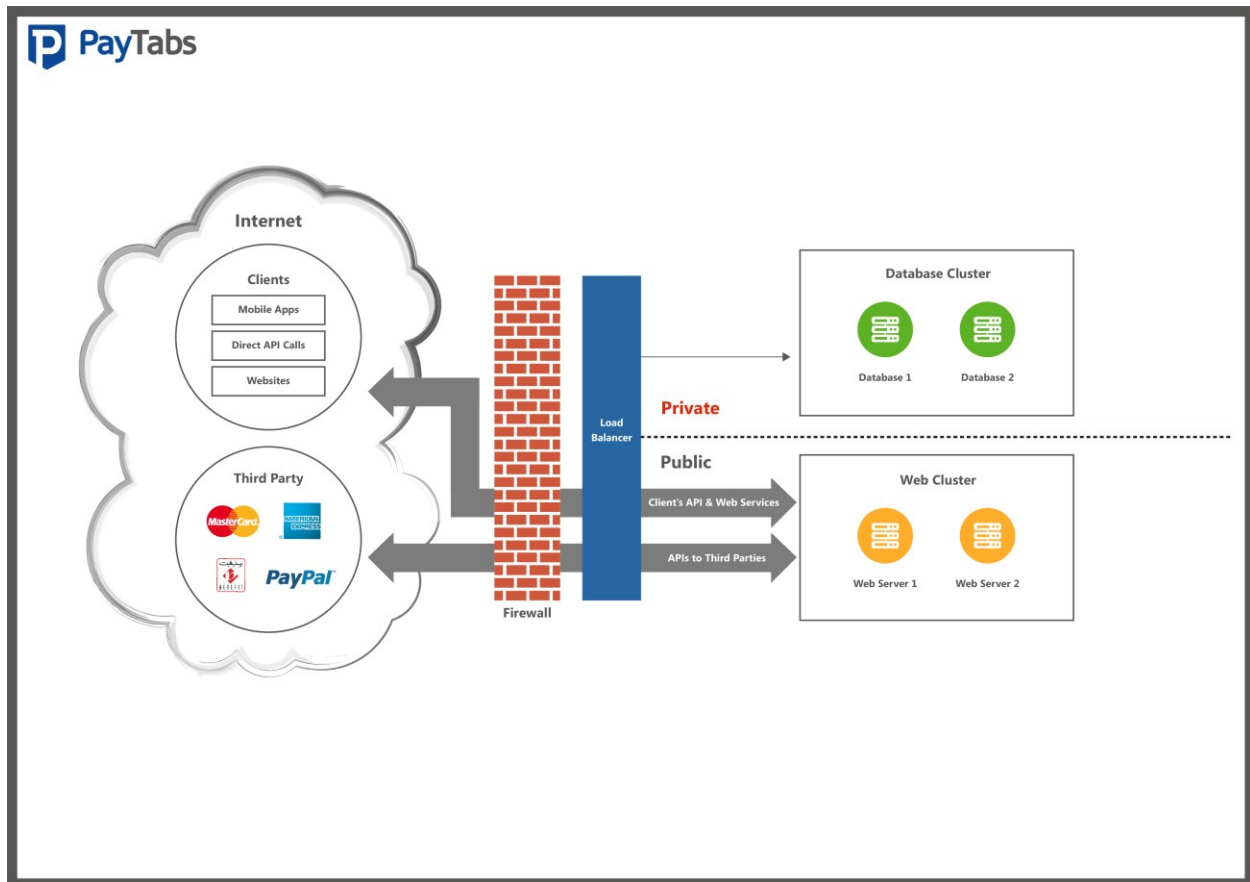
This document is intended for developers who want to write applications that interact with PayTabs.com.

This document assumes that you understand general networking and programming ideas.

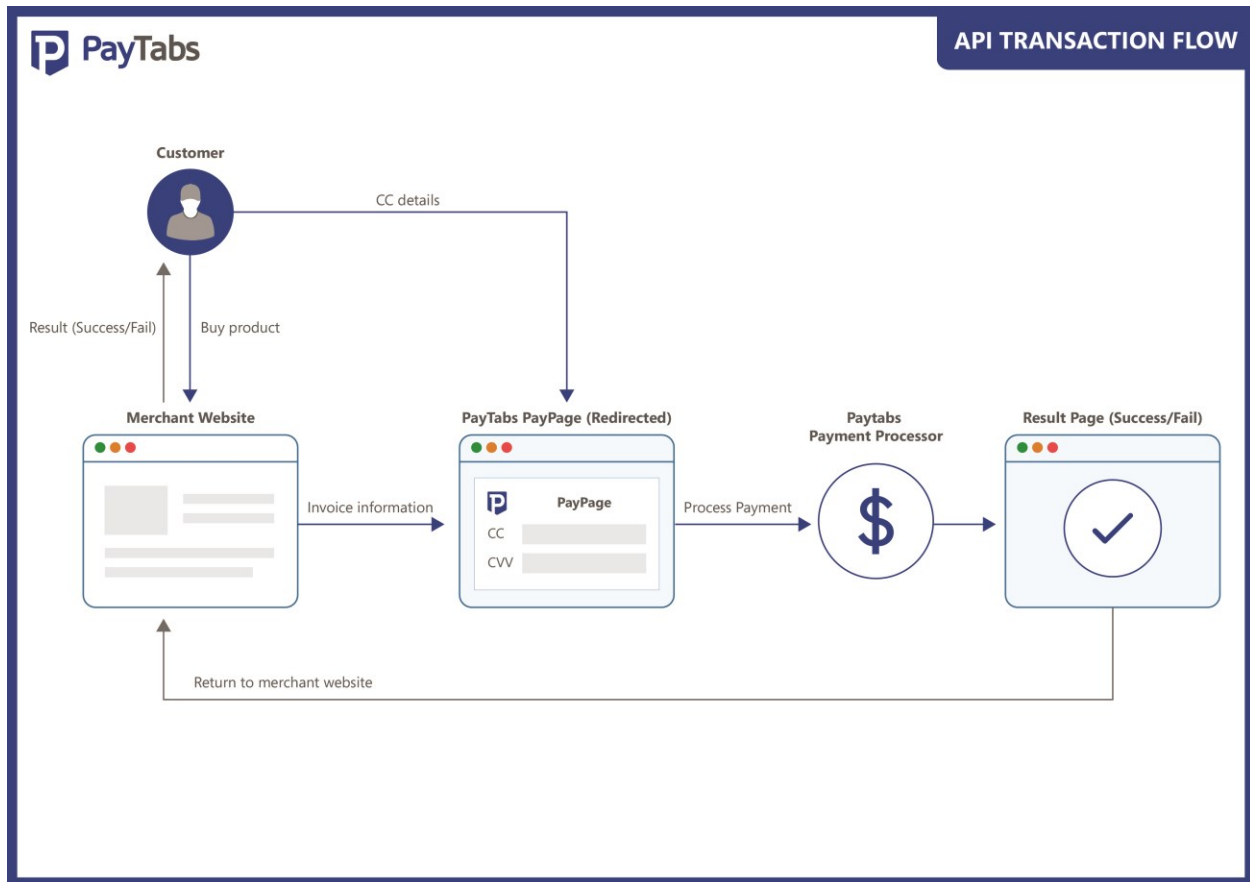
1.3 Assistance

If you require assistance, please check out our [Frequently Asked Questions](#) or chat live with our support staff or email us at support@paytabs.com.

1.4 Technical Architecture



1.5 API Transaction Flow



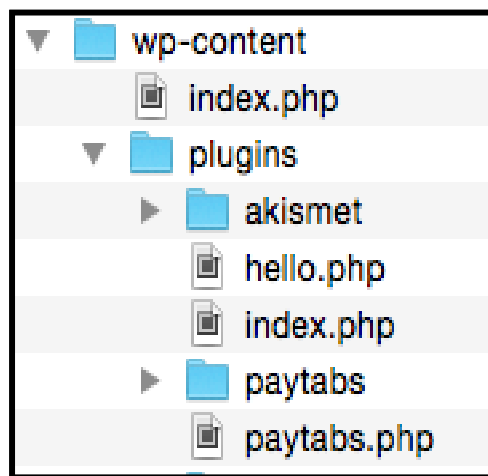
1.6 Documentation Feedback

Help us improve the PayTabs API Integration Guide, by sending your feedback to support@paytabs.com.

2 PayTabs SADAD Payment Plug-in Installation to WordPress

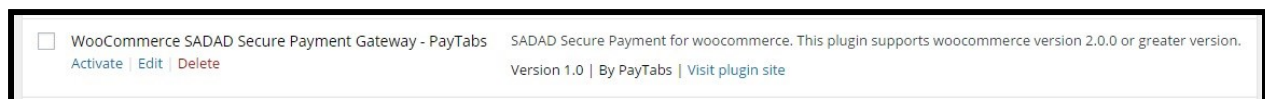
This document illustrates how our gateway can be integrated with WooCommerce plugin in simple and easy steps. Please follow the steps in order to integrate the PayTabs plug-in with your Wordpress/WooCommerce website.

1. First download the PayTabs plugin from the PayTabs Website and unzip it. You can find a list of all supported plugins at the following link https://www.paytabs.com/developers#tab_2 or at when you log in to your Merchant Account > PayTabs Services > eCommerce Plugins & API.
2. Add the files into the “wp-content/plugins” directory within your word press installation.



3 PayTabs SADAD Payment Plug-in Activation in WooCommerce

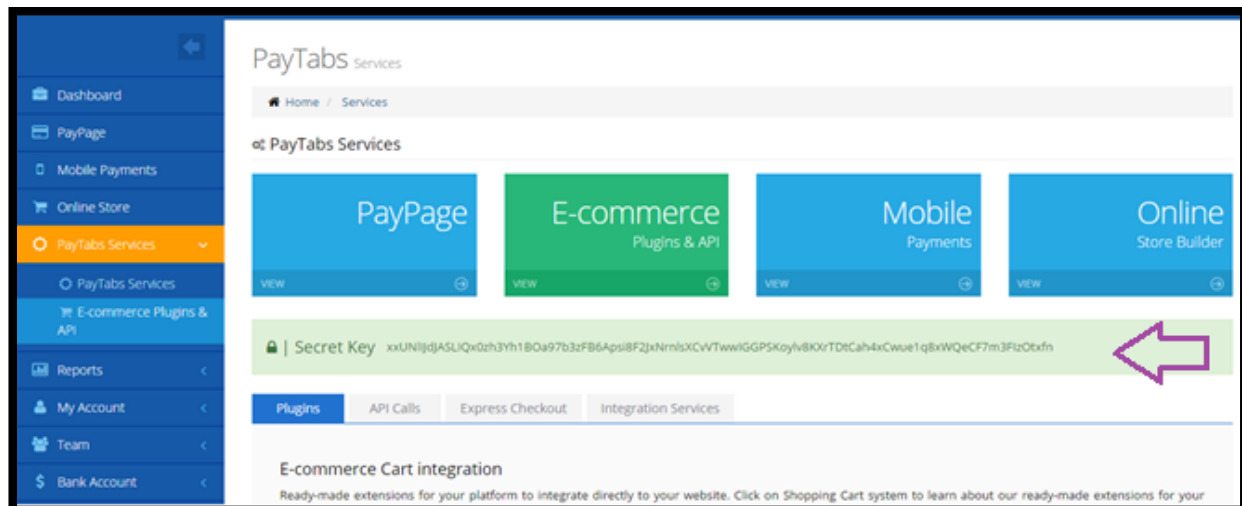
1. To install and activate the plugin, log into the admin panel and go to the Plugin section. You will then see the SADAD Plugin. Click on “Activate” to install the plugin.



4 PayTabs SADAD Plug-in Configuration in WooCommerce

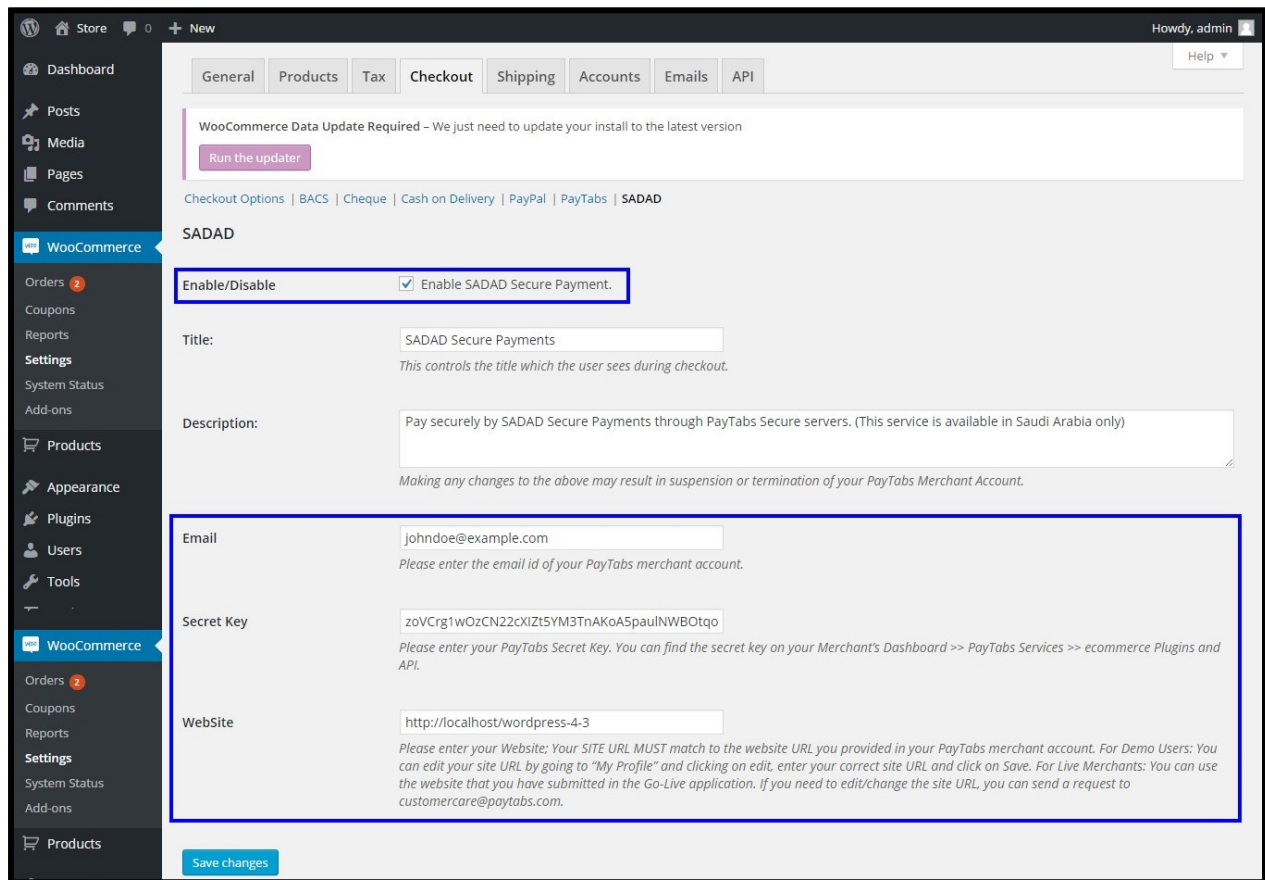
After you activate the plugin, go to WooCommerce section >> Settings >> Checkout and then click and select PayTabs:

1. Check the “Enable PayTabs Payment Gateway” checkbox.
2. For Email field: enter the email id of your PayTabs merchant account
3. For secret key field: you can find the secret key on your Merchant’s Dashboard >> PayTabs Services >> ecommerce Plugins and API. Entering or changing anything else in the files, may result in issues/errors.



4. For Website: Enter the website URL you provided in your PayTabs merchant account.
 - a. For Demo Users: You can edit your site URL by going to “My Profile” and clicking on edit, enter your correct site URL and click on Save.
 - b. For Live Merchants: You can use the website that you have submitted in the Go-Live application. If you need to edit/change the site URL, you can send a request to customercare@paytabs.com.

Important Note: You are not allowed to make any changes in the Title or Description fields. Making any changes may result in suspension or termination of your PayTabs Merchant Account



- Now, during your checkout process, you will see a new option under “Payment Methods” SADAD Secure Payment. This means that your PayTabs Payment Plugin has been installed correctly.



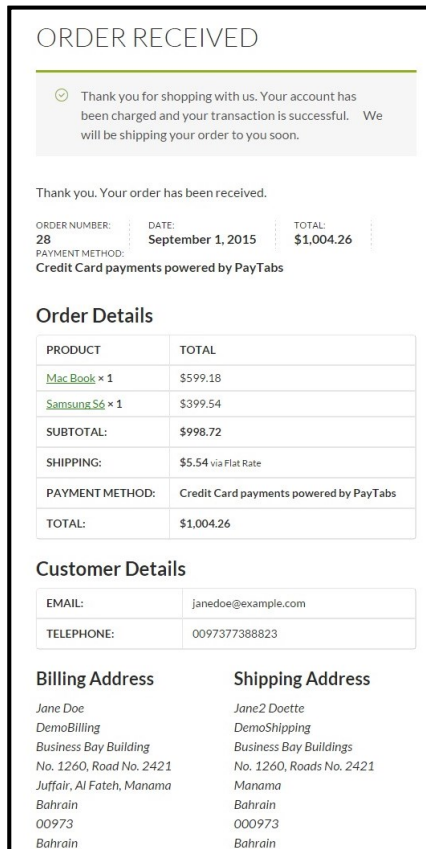
Important Note: For SADAD Pay Page to be created order currency must be set to Saudi Riyal.

5 PayTabs SADAD Payment Page and Order Status

Once the customer clicks Pay, the pay page is created and user is redirected to complete the payment, as shown below:



If the payment is successful, the customer will be redirected to Order Received Page as show below, displaying order details and customer details. And the order status will be updated from Pending to Processing, and the shopping cart is empty.



ORDER RECEIVED

Thank you for shopping with us. Your account has been charged and your transaction is successful. We will be shipping your order to you soon.

Thank you. Your order has been received.

ORDER NUMBER: 28 DATE: September 1, 2015 TOTAL: \$1,004.26
PAYMENT METHOD: Credit Card payments powered by PayTabs

Order Details

PRODUCT	TOTAL
Mac Book × 1	\$599.18
Samsung S6 × 1	\$399.54
SUBTOTAL:	\$998.72
SHIPPING:	\$5.54 via Flat Rate
PAYMENT METHOD:	Credit Card payments powered by PayTabs
TOTAL:	\$1,004.26

Customer Details

EMAIL:	janedoe@example.com
TELEPHONE:	0097377388823

Billing Address

Jane Doe
DemoBilling
Business Bay Building
No. 1260, Road No. 2421
Juffair, Al Fateh, Manama
Bahrain
00973
Bahrain

Shipping Address



Jane2 Doette
DemoShipping
Business Bay Buildings
No. 1260, Roads No. 2421
Manama
Bahrain
000973
Bahrain

If the payment fails, the customer is redirected back to the checkout, displaying the rejection reason. The order status is changed from Pending to Failed and cart content remain as it is with the same order number.

CART

ⓘ

Sorry, Your payment was rejected.

		PRODUCT	PRICE	QUANTITY	TOTAL
×		Mac Book	\$599.18	<input type="text" value="1"/>	\$599.18
×		Samsung S6	\$399.54	<input type="text" value="1"/>	\$399.54

Cart Totals

SUBTOTAL\$998.72

SHIPPING Flat Rate: \$5.54
[Calculate Shipping](#)

TOTAL \$1,004.26

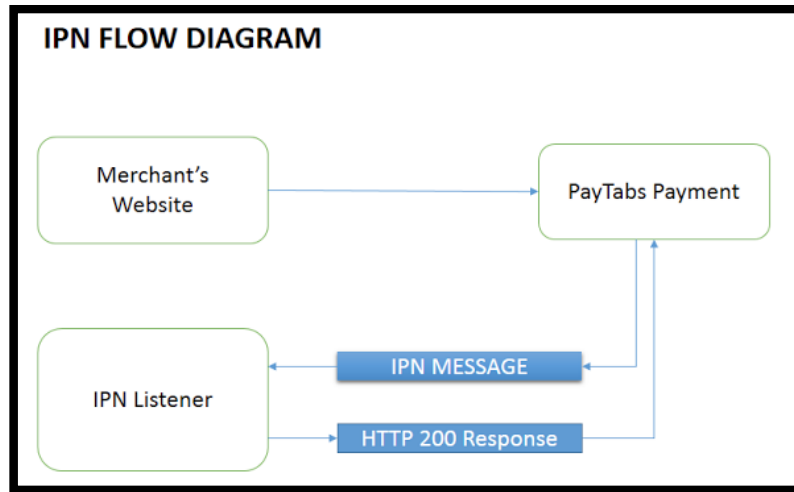
6 PayTabs IPN (Instant Payment Notification)

6.1 How IPN Works

When a customer makes a payment, the transaction is processed by PayTabs and a confirmation is sent back to the customer on the merchant's application. Additionally, a notification email will be sent to the merchant.

This scenario, leave no scope for any related ERP or E-commerce or Accounting Systems to be updated. This is where IPN comes in.

As soon as a transaction is created or altered, PayTabs IPN will instantly send a notification to the merchant's specified IPN Listener URL, which can have any code that will assist in updating ERP or dependent systems. Alternatively, the merchant may wish to save this information in his local database.



6.2 Set up your IPN Listener

1. Create an IPN Listener that receives and processes the IPN messages sent by PayTabs.
2. Log into your PayTabs Merchant Account > Go to “My Profile” and click on “Edit”.
3. Enter the URL of your IPN Listener and click on “Submit”. IPN will not work with a local host IPN Listener URL. Testing the IPN Message Service is only possible on a publicly hosted URL.

The screenshot shows the 'Edit' profile page in the PayTabs merchant account. The 'Paypage Currency' is set to 'USD'. The 'IPN Listener URL' field is highlighted with a red rectangle. Below it is the 'IPN Listener URL for Transactions Reports' field. The 'Payment Timeout (Seconds)' is set to 'No Timeout'. At the bottom are 'Submit' and 'Cancel' buttons.

Now your IPN Service is ready to go!

6.3 IPN Events

Your listener will be triggered on the following events:

1. Successful Transaction
2. Rejected Transaction
3. Force Accepted Transaction by PayTabs
4. Refunded Transaction

6.4 Contents / Data of the IPN

The Instant Payment Notification will return the following information depending on the type of event that has occurred.

Element	Description	Format
transaction_id	PayTabs Transaction ID	String E.g.: 12345

reference_id	Merchant's Website order ID, this the same as reference_no value posted in Create PayPage call	String Up to 12 characters E.g.: 90094
invoice_id	The PayPage id of the successful payment that you wish to refund. This is the p_id that is returned in the create PayPage response.	String Up to 12 characters E.g.: 90094
response_code	The response code / error code of the API call. A complete list of response codes can be found in Merchant Dashboard > Help > Reason Codes	String Up to 4 characters E.g.: 4002
customer_name	Name of the Customer	String 32 characters E.g.: John
email	Email of the customer	String 32 characters E.g.: customer@domain.com
phone_num	Phone Number of the Customer	String Minimum 6 numbers up to 32 numbers E.g.: 3312345678
amount	The transaction amount.	Decimal Up to 3 Decimal places E.g.: 123.399
currency	Currency of the amount stated. 3 character ISO currency code	String E.g.: BHD
shipping_address	Shipping address of the customer	String 40 characters E.g.: Flat abc road 123
shipping_city	Shipping City of the customer	String 13 characters E.g.: Manama
shipping_state	Shipping State of the customer	String 32 characters E.g.: Manama 2 characters for US & Canada E.g.: if state is New York then the state field should be NY
shipping_country	Shipping country of the customer	String 3 character ISO country code E.g.: BHR

shipping_postalcode	Shipping postal code of the customer	String From 5 to 9 characters E.g.: 403129
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6.5 Response Codes

<i>Response Code</i>	<i>Description</i>
5000	Payment has been rejected
5001	Payment has been accepted successfully
5002	Payment has been forcefully accepted
5003	Payment has been refunded

Important Notes

1. When merchants use Verify transaction API, the API will send a response for successful or rejected payment. The IPN feature will also give the same response. The merchant should be cautious and accept both notifications as one transaction and not separate transactions. Moreover, **ONLY** the IPN will post updated information about force accepted transactions.

7 Transactions Reports

This API call will post all transactions that have taken place within the specified time interval to a URL.

Before calling this API, you will need to set the listener URL for the reports. Login to your merchant dashboard and edit your profile. In the 'IPN Listener for Transactions Reports' Enter the URL where you would like PayTabs to post your transactions and click on Save.

Once you call the transaction_reports API, all the transactions will be posted to the listener URL and the response will be contain the number of transactions that will be posted.

PATH	https://www.paytabs.com/expressv2/transaction_reports/
REQUEST METHOD	POST
PRODUCTION	LIVE

7.1 Request

<i>Element</i>	<i>Description</i>	<i>Format</i>
merchant_id	<u>Required</u> Merchant email id	String E.g.: foo@foo.com
secret_key	<u>Required</u> Secret Key is generated from merchant Dashboard.	String E.g.: Mao8sdhasfyahosdap9sd
startdate	<u>Required</u> Start Date Format should be mm-dd-yy HH:MM:SS	String E.g.: 02/20/2016 12:00:00ss
enddate	<u>Required</u> End Date Format should be mm-dd-yy HH:MM:SS	String E.g.: 02/20/2016 12:00:00

7.2 Response

<i>Element</i>	<i>Description</i>	<i>Format</i>
Response_code	Response code of the API call	String E.g.: 4001, 4090,4091
transaction_count	Total number of transactions.	String E.g.: 23
details	The details of all the retrieved transactions	String
status	Payment Status	String E.g.: Approved/ Rejected / Refunded / Force Accepted

response_code	Payment Result Response Code 100 for successful or refunded payment 481: DM declined or Force Accepted Payment other: Rejected	String E.g.: 475
transaction_id	PayTabs Transaction ID	String E.g.: 12345
order_id	Merchant's Website order ID	String E.g.: 1234
auth_code	Authorization Code	String E.g.: AhjzbwSR8VsHlol4QVCEcgS
transaction_title	Title of the transaction	String
amount	Transaction Amount	String E.g.: 199.287
currency	Transaction Currency 3 Character ISO country Code	String E.g.: AED
net_amount	The equivalent of the original amount converted to merchant dashboard Currency	String E.g.: 199.287
net_amount_currency	Merchant Dashboard Currency 3 Character ISO country Code	String E.g.: AED
net_amount_credited	Net Amount Credit to Merchant's Balance after deducting PayTabs	String E.g.: 199.287
net_amount_credited_currency	Merchant Dashboard Currency 3 Character ISO country Code	String E.g.: AED
transaction_datetime	Date and time of the transaction	String E.g.: 23-03-2016 01:39:16
force_accept_datetime	Date and time of force accept (If applicable)	String E.g.: 23-03-2016 01:39:16

7.3 Response Codes

<i>Response Code</i>	<i>Description</i>
4001	Missing parameters
4002	Invalid Credentials
4006	Your time interval should be less than 60 days
4090	Data Found
4091	Transaction Count is 0

7.4 Sample Response

Below is a sample of the response received from the API call in JSON format:

```
{
  "transaction_count": 2,
  "response_code": "4090",
  "details": [
    {
      "status": "Payment Approved",
      "response_code": "100",
      "transaction_id": "130044",
      "order_id": "1234567",
      "auth_code": "AhjzBWsr8Re008y6YqFo3AKfvJwhpLVUHyL4C7ekmW6QHFHigDAAxQ1z",
      "transaction_title": "Mr. John Doe",
      "amount": "1.00",
      "currency": "SAR",
      "net_amount": "3.73",
      "net_amount_currency": "SAR",
      "net_amount_credited": "3.58",
      "net_amount_credited_currency": "SAR",
      "transaction_datetime": "20-03-2016 06:07:34 pm",
      "force_accept_datetime": "Not Applicable"
    },
    {
      "status": "Payment Approved",
      "response_code": "481",
      "transaction_id": "130043",
      "order_id": "1234567",
      "auth_code": "AfVzBWsr8RcpB85hKYko3AKfvmhqlu1UHyL4C7ekmW6QHFHigDAA2gfW",
      "transaction_title": "Mr. John Doe",
      "amount": "1.00",
      "currency": "SAR",
      "net_amount": "3.73",
      "net_amount_currency": "SAR",
      "net_amount_credited": "3.58",
      "net_amount_credited_currency": "SAR",
      "transaction_datetime": "20-03-2016 05:43:49 pm",
      "force_accept_datetime": "20-03-2016 06:43:49 pm"
    }
  ]
}
```

7.5 Response

Element	Description	Format
Response_code	Response code of the API call	String E.g.: 4001, 4090, 4091
transaction_count	Total number of transactions.	String E.g.: 23

7.6 Error Codes

Error Code	Description
4001	Missing parameters
4002	Invalid Credentials
4090	Data Found
4091	No Data

8 Frequently Asked Questions

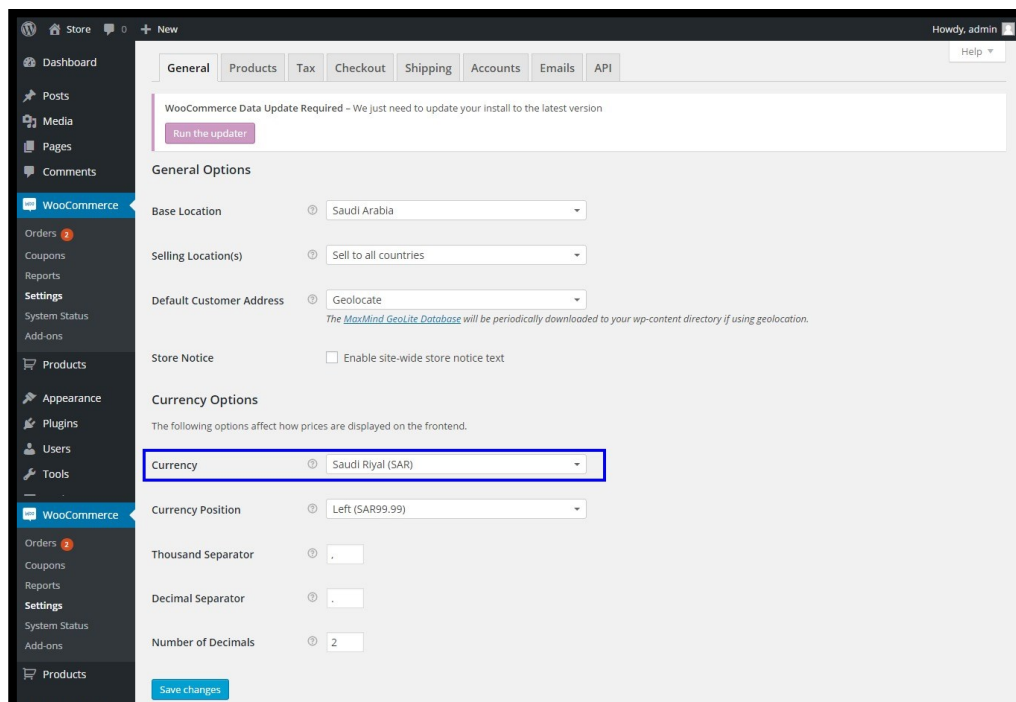
Q1. How can I add a custom currency to WooCommerce Plugin?

To add a custom currency in WooCommerce 2.0+, copy and paste this code in your *theme* folder **functions.php** file (wp-content > themes > “selected theme” > functions.php) and swap out the currency code and symbol in **RED** with your own.

The following sample code shows how to add Saudi Riyal Currency:

```
add_filter( 'woocommerce_currencies', 'add_my_currency' );  
function add_my_currency( $currencies ) {  
    $currencies['SAR'] = __( 'Saudi Riyal', 'woocommerce' );  
    return $currencies;  
}  
  
add_filter( 'woocommerce_currency_symbol', 'add_my_currency_symbol', 10, 2 );  
  
function add_my_currency_symbol( $currency_symbol, $currency ) {  
    switch( $currency ) {  
        case 'SAR': $currency_symbol = 'SAR';  
        break;  
    }  
    return $currency_symbol;  
}
```

After saving changes, it should be available at WooCommerce > Settings > General > Currency options > Currency, as shown below:





PayTabs SADAD Payment Plugin for WooCommerce – [Version 2.0](https://www.paytabs.com)
<https://www.paytabs.com>