



Verifone Payment gateway for WooCommerce eCommerce platform

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1. Introduction

This document is the Verifone payment module installation and configuration guide.

Verifone payment module offers WooCommerce integration towards the Verifone payment service.

2. Installation and Configuration

1. Go to the **Plugins > Add New** screen.
2. At the top, right next to the **Add New** is a button labelled **Upload Plugin**. Click that button, and a new area of the page should become visible to you.
3. Into that area, you can either drag-and-drop or click the **Choose File** button to use your system's file browser to find it.
4. Once you've got the correct file, click **Install Now**. This will trigger WordPress to install the .ZIP file as a plugin on your site.
5. On the screen, you will see the **Activate** button to turn on the plugin.
6. Go to **WooCommerce > Settings > Checkout > Verifone**
7. Enter values for Configuration (on screenshot values for a **test environment**):
8. Save configuration, by clicking the button **Save changes**.

Verifone Payment

Verifone payment. For more information please see [Verifone page](#).

Display configuration summary

Enable/Disable ☒ Enable Verifone Payment

Title

Environment (Test/Production)
Select environment for the payment module

Verifone Payment merchant agreement code (Production)
Required. Verifone Payment agreement code

Verifone Payment merchant agreement code (Test)
Verifone Payment agreement code

Payment service key handling

[Generate live keys](#)

When you generate live keys, you will need to upload the new public key to Verifone Payment portal

[Generate test keys](#)

Uses preset keys by default, only needed if using custom test agreements

Pay page URL 1
Required. URL to the payment system

Pay page URL 2
Optional. Second redundant URL to the payment system

Pay page URL 3
Optional. Third redundant URL to the payment system

Payment page language
Select language which will be use on payment page

Check payment node availability
Make a check that payment node is available

Skip confirmation page
Return directly to shop after payment

Style code
Use of custom payment page template needs first to be uploaded and to be approved by Verifone Payment

Basket Item Sending
Select for which type of order should send items.

Combine Invoice Basket Items
Currently only available for invoice payment methods

Use external customer id.
*If you want to use other field to match user in Verifone Payment service, please set this value (for example **billing_phone**). If you do not k*

Refresh Payment Methods

Available payment methods

All in one
Master Card
Enterpay Lasku
American Express
Handelsbanken
Aktia
Nordea
POP Pankki
Säästöpankki
Ålandsbanken
Oma Säästöpankki

Allow to save Credit Cards

Save masked PAN number

Remember me info
Optional. Note in checkout after Remember payment method checkbox - for cards only

Minimum Order Total
Leave empty to disable limit.

Maximum Order Total
Leave empty to disable limit.

Disable rsa blinding
Define CRYPT_RSA_DISABLE_BLINDING as true in case of custom PHP build or PHP7 (experimental)

New payment order status
This setting cannot be changed due to WooCommerce built-in logic

Completed payment order status
This setting cannot be changed due to WooCommerce built-in logic

Save changes

9. Click “**Refresh Payment methods**” to get all payment methods. By using “**Available payment method**” you may show payment method as separated Payment Method and a customer will be redirected directly to the bank or card data form. If you wish to use Verifone Gateway then select “Verifone Payment – All in One”. TIP: use CTRL + [click] to select multiple options.

Configuration setting	Description
Display configuration summary	Possibility to display summary for shop configuration. Available information about which merchant agreement or keys is used. Before check configuration for test/live you need first save the configuration.
Title	Name of the payment module. This name is visible to the customer as the name of the payment.
Enabled/Disabled	The payment method can be enabled/disabled with this selection.
Environment (Test/Production)	Select the environment for the payment module
Verifone Payment merchant agreement code	Unique seller identification obtained from Verifone.
Verifone Payment merchant agreement code (Test)	Seller identification used for the test.
Payment service key handling	Select which key handling mode you will use. See section 3 for more information.
Generate new keys	Functionality for creating a new key pair for the shop. See section 3 for more information.
Directory for store keys	A path to the directory for generated files Important: Do not place keys in a folder accessible by the WWW-server.
Shop private key filename	The filename for the shop key file. Important: Do not place keys in a folder accessible by the WWW-server.
Shop private key filename (Test)	The filename for the shop key file used for the test. Important: Do not place keys in a folder accessible by the WWW-server.
Pay page URL 1,2,3	Payment system endpoint address (payment node). For redundancy, it is possible to have

	up to three separate endpoints. The payment module will choose the endpoint used randomly.
Payment page language	Select the language which will be used on the payment page
Check payment node availability	Before payment, the payment node is polled in order to check its availability. In case a certain payment node is not available, another one is checked. In case no payment node is available an error is raised. The availability check can be bypassed with this configuration setting.
Skip confirmation page	In the Verifone payment system, it is possible to skip the last page and direct user directly to the shop. With this selection, the functionality can be turned on/off.
Style code	Code identifying the style sheet used in payment page or an empty string if the default style sheet is used. Use of custom payment page template needs first to be uploaded and to be approved by Verifone.
Basket Item Sending	Select for which type of order the items should be sent. When you select the option for send items, then the product list is provided for Verifone payment.
Combine Invoice Basket Items	If yes, then all products are sent to Verifone as one product with name Tilaus %ORDERNUMBER%
Refresh Payment methods	Option to get payment methods from Verifone gate and redirect user directly to the payment page, dodging portal step
Available payment methods	Select visible payment methods. To fill the list click „ Refresh Payment methods ” button.
Allow to save Credit Cards	Allow customers to store credit cards in Verifone for future payments.
Save masked PAN number	Save masked pan number to order
Remember me info	Information visible when Allow to save Credit Cards is set to Yes

Minimum Order Total	Leave empty if you do not want to limit order minimum
Maximum Order Total	Leave empty if you do not want to limit order maximum

3. Payment service key handling

Automatic (Simple)

- When everything is configured, please run **Generate live keys** (for production) or **Generate test key** (for development/test). Confirmation for this action is required.
- After creating a new key, remember to copy the public key to payment operator configuration settings. The public key is available in the **Configuration summary**.
- **Generate new keys** to override old keys. Please don't click this link if you are not sure.

Manual (Advanced)

- This configuration you could use when need enables keys created in the old way.
- Please configure the directory path where keys are stored.
- Please configure file name for production and/or test environment.

By clicking on Display configuration summary you can check which keys are being used. If you encounter any problem, please see section 6. Troubleshooting

4. Server configuration

Required configuration for the http-server:

- SSL-support installed and enabled (e.g. OpenSSL for Apache web server)
- allow_url_fopen in PHP configuration must be set on.

5. Late/delayed shop payment success page URL

The late shop payment success page URL is: **https://<yourdomain>/?wc-api=WC_Gateway_Verifone&action=delayedSuccess** or **http://<yourdomain>/?wc-api=WC_Gateway_Verifone&action=delayedSuccess**

depending on whether SSL is used or not.

Verifone may request this information for production use web shops.

6. Troubleshooting

Problem	Resolution
Verifone payment is not visible in payment selection	Check configuration values. Check that the module is enabled.
Error: Payment system not available.	The payment system availability check has failed. Check Pay Page URL parameters.
Error: Problem with generating new keys.	Check directory configuration. The directory must be accessible and writable.
Error: Problem with directory configuration.	Check directory configuration. The directory must be accessible and writable.
Error: Key file for provided merchant agreement code does not exist	This problem appears, when is set merchant agreement code, or custom key file name, but the key does not exist. Check configuration, and if required, then create new keys. Remember about upload into payment service.
Info: Default test key file uses	The plugin uses default keys, provided with the module. It is using for the default configuration.
Error: Key file could not be read.	The payment module has not been able to read the key file. Possible causes are: <ul style="list-style-type: none">• The key file is not stored to the server• Key file path or filename is wrong• Key file does not have reading rights. Check that the key file exists in the server, check that the path and file name is correct and check file permissions.
Error: Payment verification failed	The payment verification has failed. Check that the key file is correct.
Error: Configuration error: allow_url_fopen must be enabled	Change allow_url_fopen true in PHP

7. Order states and inventory handling

Order state before payment has status **Pending Payment**.












For successfully paid orders, the order has status **Processing**.

For cancelled orders, the order has status **Cancelled**.

Order cancellation will be done, when the customer cancels payment in the Verifone payment system and returns to the shop, or payment is not finalized.

Note that the order is created when the customer begins the payment process. The sole existence of an order does not indicate, that the order is actually ordered and paid. Only orders, which are on the state will be gotten from '**Processing order status**', are to be delivered.

When stock management is enabled, the ordered quantity is reserved from the stock at the time of order creation. For orders, where the payment process is never completed nor cancelled, the order with associated stock reservation remains indefinitely at '**Pending Payment order status**' configuration. Manually cancelling the orders will return items to the stock.

Bulk Actions ▾		Apply	All dates ▾	Search for a customer... ▾	Filter	52 items	«	<	1	>	»
<input type="checkbox"/>	Order	Ship to				Date	Total	Actions			
<input type="checkbox"/>	 #113 by Admin simon@lamia.fi	Simon LamiaTesti, Runeberginkatu 5b, 00100 Helsinki Via Flat rate	-			April 18, 2018	81,80 € Via Verifone				
<input type="checkbox"/>	 #112 by Admin simon@lamia.fi	Simon LamiaTesti, Runeberginkatu 5b, 00100 Helsinki Via Flat rate	-	-		April 18, 2018	27,80 € Via Verifone	  			
<input type="checkbox"/>	 #111 by Admin simon@lamia.fi	Simon LamiaTesti, Runeberginkatu 5b, 00100 Helsinki Via Flat rate	-			March 14, 2018	27,80 € <u>7,80 €</u> Via Verifone	 			

At the example above order:

- #112 is waiting for payment.

- #111 has been paid and can be delivered,
- #113 has been cancelled.




8. Refund feature

Refund is available on order details page after clicking the **Refund** button.

In order to refund money, you need put the amount to be refunded into the field and click **Refund {amount} via Verifone** button, where **{amount}** is refund amount put into the input field (in the example this is 2.80). You need to confirm the refund in the following popup window.

If everything is fine, then you will see new refund transaction added to transactions list.

If necessary, it is possible to create multiple transactions, for example for each product

Product	Cost	Qty	Total	ALV
 Vneck Tshirt	14,52 €	× 1 <input type="text" value="0"/>	14,52 € <input type="text" value="0"/>	3,48 € <input type="text" value="0"/>
 Flat rate Items: Vneck Tshirt × 1			7,90 € <input type="text" value="0"/>	1,90 € <input type="text" value="0"/>
 Refund #115 - April 21, 2018, 1:54 pm by admin			-20,00 €	

Restock refunded items: ☒

Amount already refunded: -20,00 €

Total available to refund: 7,80 €

Refund amount:

Reason for refund (optional):

Cancel
Refund 2,80 € manually
Refund 2,80 € via Verifone

9. Configuration summary

Below are available screenshots with example configuration summary for different states.

Configuration summary is available after click **Display configuration summary** link.

Display configuration summary

Enable/Disable

☒ Enable Verifone Payment

Title

Verifone Payment

1. Default test configuration - use for testing with default keys.

Configuration summary		×
Mode	Test	
Verifone Payment merchant agreement code	demo-merchant-agreement	Default test merchant agreement uses
Delayed success url	http://woocommerce.dev/?wc-api=WC_Gateway_Verifone&action=delayedSuccess	This is the url that you need to copy to payment provider settings in their portal.
Key handling mode	Automatic (Simple)	
Path and filename of Verifone Payment public key file	/var/docker_storage/workspace/woocommerce/wp-content/plugins/woocommerce-gateway-verifone/keys/verifone-e-commerce-test-public-key.pem	Key file is available
Path and filename of shop private key file	Key file stored in database	Default key file is used

2. Custom test configuration - use for testing with custom merchant agreement code and keys

Configuration summary		×
Mode	Test	
Verifone Payment merchant agreement code	test-agreement	
Delayed success url	http://woocommerce.dev/?wc-api=WC_Gateway_Verifone&action=delayedSuccess	This is the url that you need to copy to payment provider settings in their portal.
Key handling mode	Manual (Advanced)	
Path and filename of Verifone Payment public key file	/var/docker_storage/workspace/woocommerce/wp-content/plugins/woocommerce-gateway-verifone/keys/verifone-e-commerce-test-public-key.pem	Key file is available
Directory for store keys	/var/docker_storage/workspace/keys	Directory configured properly
Path and filename of shop private key file	/var/docker_storage/workspace/keys/test-merchant-private.pem	Key file is available

3. Production configuration

Configuration summary	
Mode	Production
Verifone Payment merchant agreement code	EC1234567890
Delayed success url	<div>http://woocommerce.dev/?wc-api=WC_Gateway_Verifone&action=delayedSuccess</div> <div>This is the url that you need to copy to payment provider settings in their portal.</div>
Key handling mode	Automatic (Simple)
Path and filename of Verifone Payment public key file	<div>/var/docker_storage/workspace/woocommerce/wp-content/plugins/woocommerce-gateway-verifone/keys/verifone-e-commerce-live-public-key.pem</div> <div>Key file is available</div>
Path and filename of shop private key file	<div>Key file stored in database</div> <div>Key file is available</div>
Public key file	<div>-----BEGIN PUBLIC KEY-----</div> <div>MIGfMA0GCsGqSIb3DQEBAQUAA4GNADCBiQKBg00tZnLsX2NmC0fHnitahip9KYxz</div> <div>TU/uhwhjo7oHyZ0K80XQrghWYzNmHrYFeDKFQz3VGIXqNbhm6+pgd0rZ5c6876I</div> <div>nm76x8D9K10w3YS5mS16pxf1LLGzuxo1LITkY89TvtFVlfl7mAuinhJAZeig+bfH5</div> <div>a17CGvwnjTXAmD8LtwIDAQAB</div> <div>-----END PUBLIC KEY-----</div> <div>Please, copy this key to payment operator configuration settings, otherwise, the payment will be broken.</div>