Integrate Systempay on WooCommerce

Document version 1.14

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1. RELEASE NOTES

To follow all the developments in the payment module :

1. Download the module from our online documentation archive.
2. Open the previously downloaded payment module.
3. Go to the **woo-systempay-payment** directory.
4. Open the **CHANGELOG.md** file.

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2. MODULE FEATURES

Payment types	
Immediate payment	✔
Deferred payment	✔
Payment in installments	✔
Payment by token*	✔
Payment by wallet*	✔
Payment by subscription*	✔

Bank card data entry	
Redirection	✔
I-frame	✔
Embedded payment (classic)*	✔
Embedded payment (smartForm)*	✔
Web Service*	✘

Payment operations via WooCommerce	
Cancellation*	✔
Refund*	✔
Modification*	✔
Validation*	✘
Duplication*	✘

Compatibility with WooCommerce	
WooCommerce 9	✔
WooCommerce 8	✔
WooCommerce 7	✔
WooCommerce Subscriptions	✔
WooCommerce Blocks	✔
High-Performance Order Storage	✔
WordPress multisite mode	✔
wc_create_refund fonctionnality	✔

Payment module	
Multi language	✔
Multi currency	✔
Custom submodule	✔
Automatic redirection at the end of payment	✔
Custom 3DS*	✔
Order status management	✔

*Functionalities subject to an option.

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3. PREREQUISITES

Before you proceed to integrating the payment module, make sure you have access to the:

- **WordPress Back Office**
- **Merchant Back Office**
- **Payment module file**: Systempay_WooCommerce_2.x-9.x_v1.14.x.zip

WordPress Back Office:

Sign in via your website's Back Office, the URL should look like this:

https://your-domain.com/wp-admin/

Reach out to your technical service if you cannot sign in.

Merchant Back Office :

Reminder, your Merchant Back Office is available at this address:

https://paiement.systempay.fr/vads-merchant/

Payment module:

Download the module using the following URL:

https://paiement.systempay.fr/doc/en-EN/plugins/#woocommerce

WARNING: All our payment modules are tested with a minimal PHP version, this version can bee seen in our online documentation archive.

If you have an older version, we invite you to contact the technical manager in charge of your site so that he updates the PHP version of the server. Thus, our support service will be able to assist you if you encounter a problem with our module.

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4. INSTALLING THE PAYMENT MODULE

4.1. Updating the module

To update the payment module, you must first delete its previous version.

WARNING: Make sure you save the parameters of your module before you uninstall it and save the production key that is no longer visible in the Systempay Back Office.

1. Sign in to the **Wordpress Back Office**.
2. Go to **WooCommerce** > **Settings**.
3. Click the **Payments** tab.
4. Click **Systempay - General configuration**.
5. Search for the **Production key** parameter and make sure to write it down.
6. Go to **Extensions** > **Installed Extensions**.
7. Search for the **Systempay for WooCommerce** module.
8. Click **Disable**.
9. Click **Delete**.
10. You can now install the new module. The steps are described in the next chapter.

4.2. Adding the payment module

The Systempay payment module can be added in two ways:

Automatic installation:

The first method consists in adding the payment module via the **WordPress Back Office**:

1. Sign in to the **Wordpress Back Office**.
2. Go to **Extensions** > **Installed Extensions**.
3. Click **Add an extension**.
4. Select **Upload Plugin**.
5. Click **Browse**.
6. Search for the payment module on your hard drive.
7. Click **Install**.
8. Click **Enable the extension**.

Manual installation:

The second method consists in copying the module via FTP. To do this, copy the woo-systempay-payment folder into the /wp-content/plugins/ folder of your website.

In order to enable the payment module:

1. Sign in to the **Wordpress Back Office**.
2. Go to **Extensions** > **Installed Extensions**.

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3. Search for the **Systempay for WooCommerce** module.
4. Click **Enable the extension**.

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5. CHOOSING THE INTEGRATION TYPE

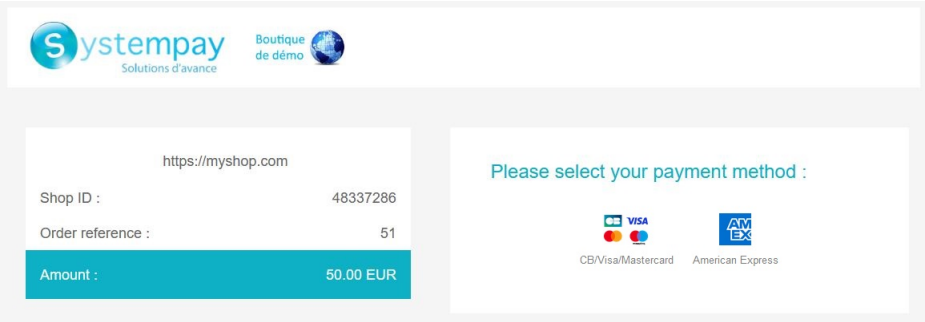
Via the **WordPress Back Office**:

1. Go to **WooCommerce** > **Settings**.
2. Click the **Payments** tab.
3. Click **Systempay - Standard payment**.
4. Search for the **Entry mode for payment method data** parameter and select the desired integration type.

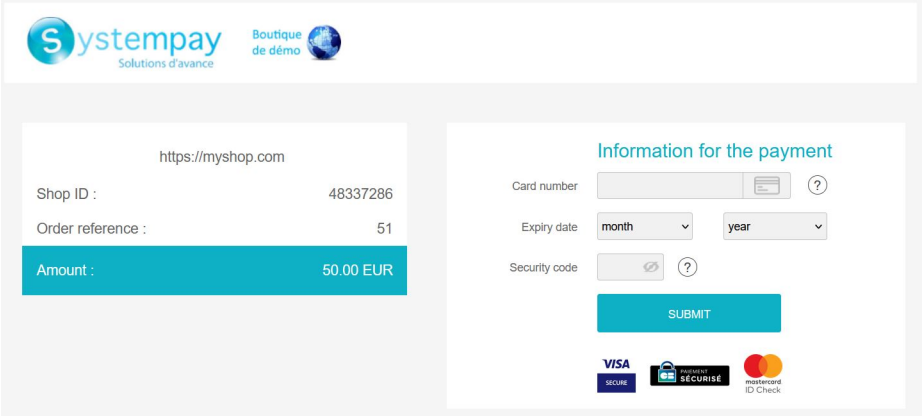
   The different modes are described below.

5.1. Bank data acquisition on the payment gateway

The buyer is redirected to the Systempay payment page to select their preferred payment method:



After choosing the payment method, the buyer is prompted to enter their bank details:



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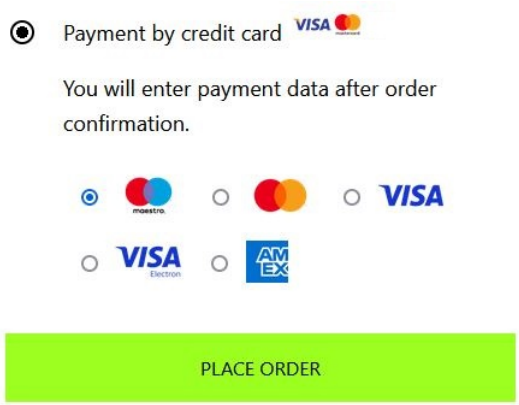
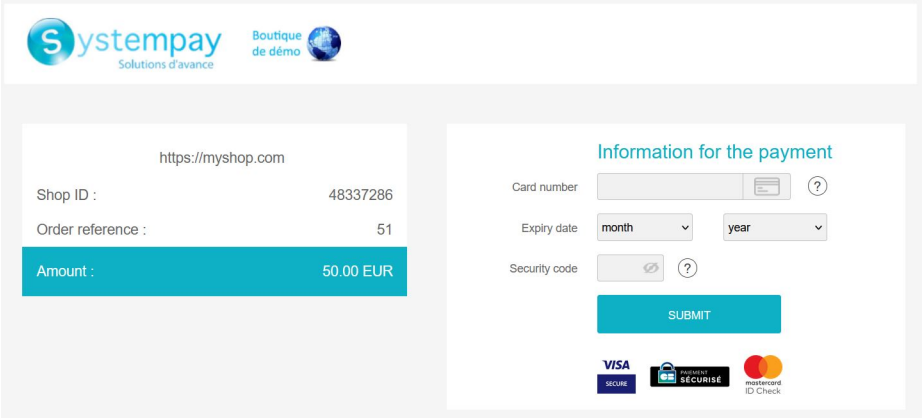
5.2. Card type selection on the merchant website

The card type is selected on the merchant website:



The list of available payment methods depends on the configuration of the **Card types** parameter (Standard payment).

The buyer will then be redirected to the Systempay payment page to enter their bank details:



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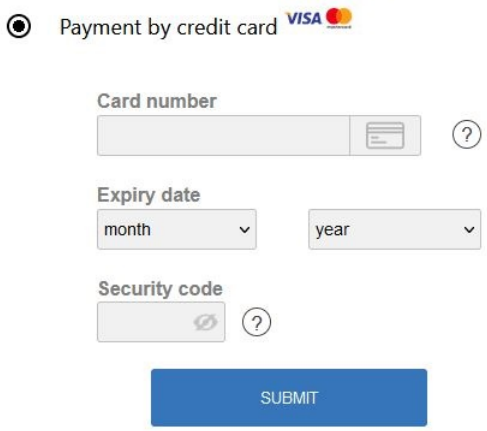
5.3. Payment page integrated into the checkout flow (iframe mode)

This feature allows the integration of the Systempay payment page via a tunnel on your merchant website:

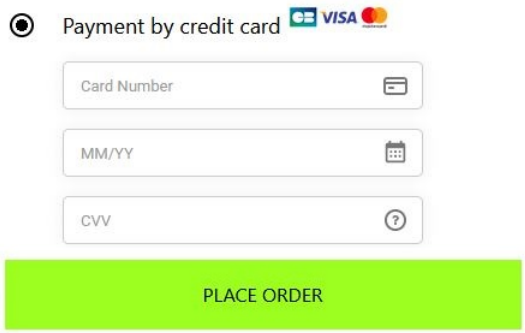


WARNING: Some payment methods are not compatible with integration by iframe. For more information, see this documentation.

5.4. Payment fields embedded on the merchant website (REST API)

WARNING: This integration type is only compatible with card payments. If you would like to use the REST API, we strongly advise you to use the Smartform.

This option enables the integration of embedded payment fields (card number, expiry date, cvv) on your merchant website.



You must subscribe to the **REST API (Use of REST payment API)** option to use this solution.

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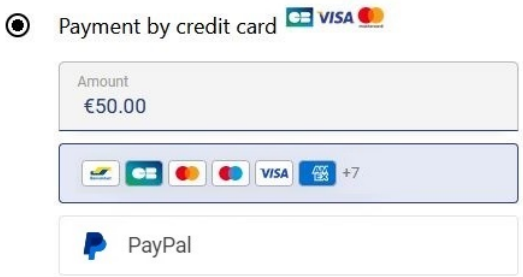
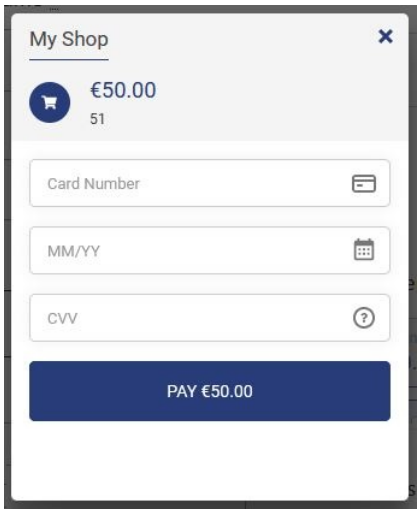
5.5. Smartform embedded on the merchant website (REST API)

This mode lists the card payment button and those of compatible payment methods.



Click this link to see the payment methods compatible with the Smartform.

The buyer will then be prompted to enter their bank details via a pop-in:



You must sign up for the **REST API (use of REST payment API)** option to be able to use this solution.

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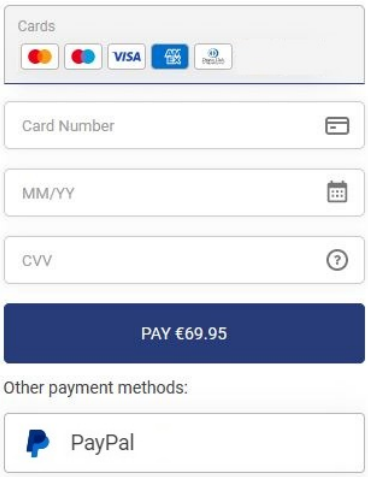
5.6. Extended Smartform embedded on the merchant website with logos (API REST)

This mode displays embedded fields with compatible logos for card payment, and other compatible payment methods.



Click this link to see the payment methods compatible with the Smartform.

You must sign up for the **REST API (use of REST payment API)** option to be able to use this solution.

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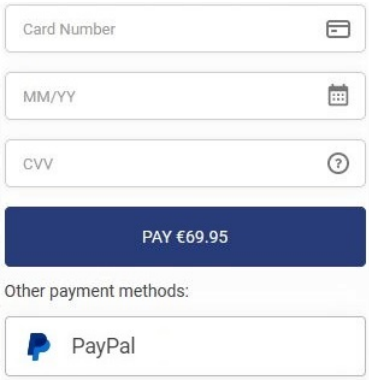
5.7. Extended Smartform embedded on the merchant website without logos (REST API)

This mode displays embedded fields without compatible logos for card payment, and other compatible payment methods.



Click this link to see the payment methods compatible with the Smartform.

You must sign up for the **REST API (use of REST payment API)** option to be able to use this solution.

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6. QUICK MODULE CONFIGURATION

This chapter will help you configure and quickly make your shop go into PRODUCTION.

If you would like to obtain more details on module configuration, see chapter **Detailed parameters of the payment module**.

NOTE: An FAQ is available in our online documentation archive, it presents the most frequently asked questions and is regularly updated. The FAQ module is available via the link - below in the **CMS** section > **WooCommerce 2.x-9.x**:

https://paiement.systempay.fr/doc/fr-FR/faq/faq-homepage.html

6.1. Knowing your integration

First of all, you must know the integration type you have chosen.

This information is available via the payment module configuration: **Standard payment** > **Entry mode for payment method data**.

See the **Integrating the redirection** chapter if you have chosen one of the integrations below:

- Bank data acquisition on the payment gateway.
- Card type selection on the merchant website.
- Payment page integrated into the checkout flow (iframe mode).

See the **Integrating the embedded payment** chapter if you have chosen one of the integrations below:

- Payment fields embedded on the merchant website (REST API).
- Smartform embedded on the merchant website (REST API).
- Extended Smartform embedded on the merchant website with logos (API REST).
- Extended Smartform embedded on the merchant website without logos (REST API).

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6.2. Integrating the redirection

6.2.1. Configuring the shop

1. Sign in to your **Systempay Merchant Back Office** with your identifiers:
   https://paiement.systempay.fr/vads-merchant/
2. Go to **Settings** > **Shop**.
3. Click the **Keys** tab.
4. Copy your **Shop ID**.
5. Sign in to the **Wordpress Back Office**.
6. Go to **WooCommerce** > **Settings**.
7. Click the **Payments** tab.
8. Click **Systempay - General configuration**.
9. Paste your **Shop ID** to the **Access to the payment gateway**.
10. Return to the **Merchant Back Office**.
11. Copy your **Test key**.
12. Return to the **Wordpress Back Office**.
13. Paste your **Test key** to the **Access to the payment gateway**.
14. If you are updating the module, you can also paste the Production key and then set the Mode to PRODUCTION.
15. Click **Save changes**.

6.2.2. Configuring the Instant Payment Notification URL

1. Sign in to the **Wordpress Back Office**.
2. Go to **WooCommerce** > **Settings**.
3. Click the **Payments** tab.
4. Click **Systempay - General configuration**.
5. Search for **ACCESS TO THE PAYMENT GATEWAY**.
6. Copy the URL from the **Instant Payment Notification URL** parameter.
7. Sign in to the **Merchant Back Office Systempay**: https://paiement.systempay.fr/vads-merchant/.
8. Go to **Settings** > **Notification rules**.
9. Double click on **Instant Payment Notification URL at the end of the payment**.
10. Check the **Automatic retry in case of failure** box.
11. Search for the **Instant Payment Notification URL of the API form V1, V2** section.
12. Paste the previously copied URL to **URL to call in TEST mode** and **URL to call in PRODUCTION mode**.
    If the production URL is different from your test URL, specify it in order to not forget it later. Your URL should look like this:
    https://www.your-domain.com/?wc-api=WC_Gateway_Systempay

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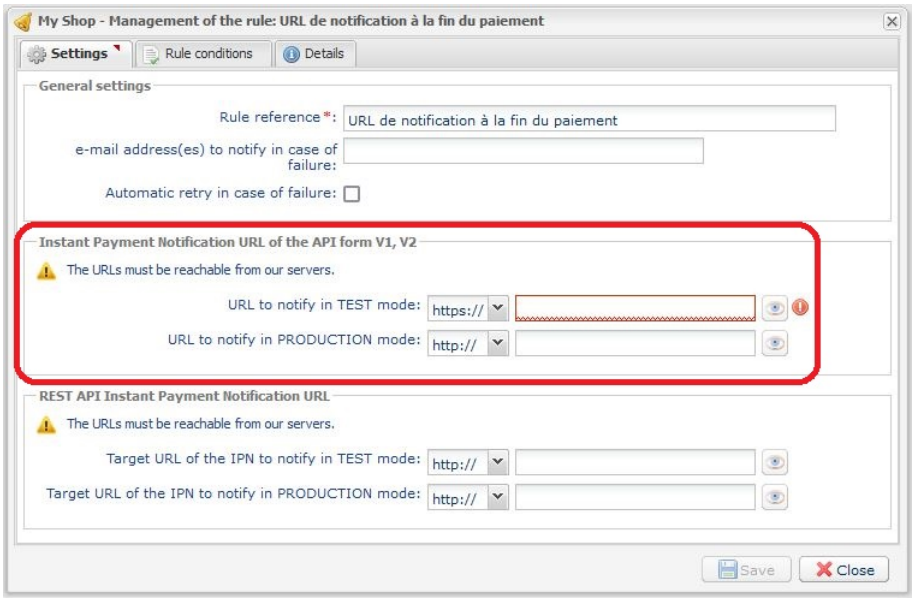

13. Click **Save**.

14. Double click on **Instant Payment Notification URL on cancellation**.

15. Carry out the same operation from step 10 to step 13.

16. Double click on **Instant Payment Notification URL on batch change**.

17. Carry out the same operation from step 10 to step 13.

18. Double click on **Instant Payment Notification URL on an operation coming from the Back Office**.

19. Carry out the same operation from step 10 to step 13.

20. Double click on **Instant Payment Notification URL when creating a recurring payment**.

21. Carry out the same operation from step 10 to step 13.

22. If the configured rules are marked by a red cross, select the rule and click on the **Enable the rule** button at the bottom of the screen.

6.2.3. Testing the payment on your website

To make a test payment:

1. Make an order on your merchant website as if you were one of your buyers.
2. Select the payment method "**Payment by credit card**."
3. Choose a payment method if your configuration offers it.
4. Click on one of the card numbers displayed on the screen, all the fields will be populated automatically.
5. Confirm your payment.
6. Make sure that the order is appears in the WooCommerce Back Office.

6.2.4. Going into PRODUCTION

To go into PRODUCTION via the redirection :

1. Sign in via **Merchant Back Office Systempay**.

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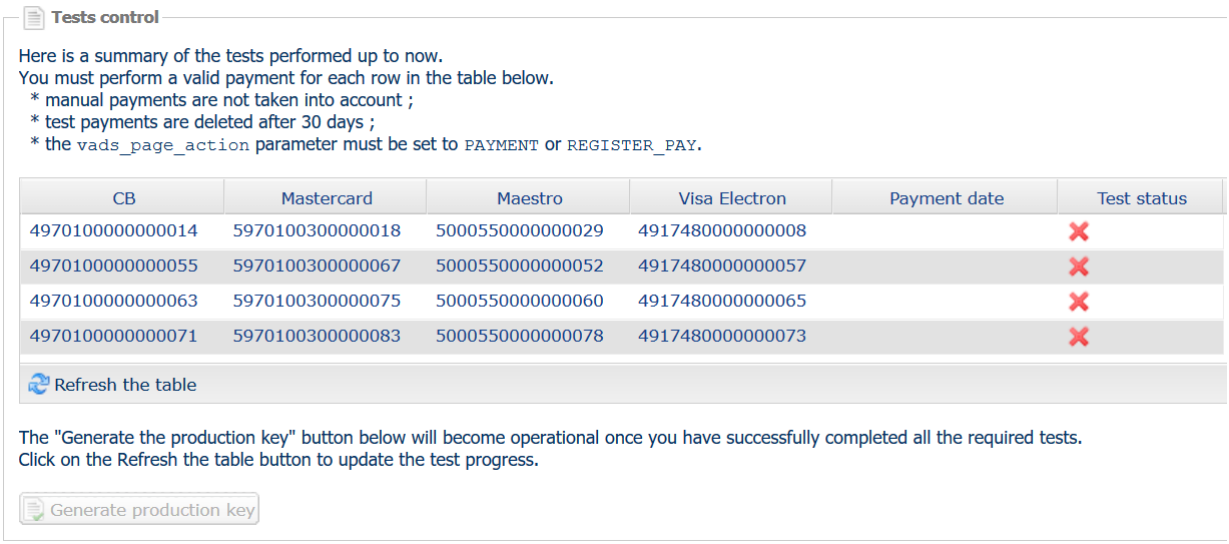
2. Go to **Settings** > **Shop** then click on the **Keys** tab.
3. If no tables are there, go directly to step 5.
4. If you look at the table below, you should do the payment tests before going into production:



Tests control

Here is a summary of the tests performed up to now.
You must perform a valid payment for each row in the table below.
* manual payments are not taken into account ;
* test payments are deleted after 30 days ;
* the `vads_page_action` parameter must be set to `PAYMENT` or `REGISTER_PAY`.

CB	Mastercard	Maestro	Visa Electron	Payment date	Test status
4970100000000014	5970100300000018	5000550000000029	4917480000000008		✗
4970100000000055	5970100300000067	5000550000000052	4917480000000057		✗
4970100000000063	5970100300000075	5000550000000060	4917480000000065		✗
4970100000000071	5970100300000083	5000550000000078	4917480000000073		✗

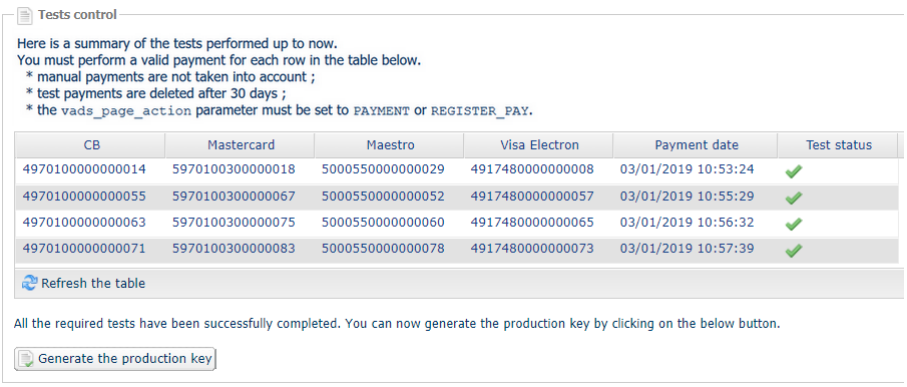
Refresh the table

The "Generate the production key" button below will become operational once you have successfully completed all the required tests.
Click on the Refresh the table button to update the test progress.

Generate production key

For making test payments:

a. See chapter **Testing the payment on your website**.
b. Make a payment using each line of the table, the card number used on the payment page must be identical to the one in the table.
c. Once all 4 payments have been made, the red crosses will be replaced by green check marks.



Tests control

Here is a summary of the tests performed up to now.
You must perform a valid payment for each row in the table below.
* manual payments are not taken into account ;
* test payments are deleted after 30 days ;
* the `vads_page_action` parameter must be set to `PAYMENT` or `REGISTER_PAY`.

CB	Mastercard	Maestro	Visa Electron	Payment date	Test status
4970100000000014	5970100300000018	5000550000000029	4917480000000008	03/01/2019 10:53:24	✓
4970100000000055	5970100300000067	5000550000000052	4917480000000057	03/01/2019 10:55:29	✓
4970100000000063	5970100300000075	5000550000000060	4917480000000065	03/01/2019 10:56:32	✓
4970100000000071	5970100300000083	5000550000000078	4917480000000073	03/01/2019 10:57:39	✓

Refresh the table

All the required tests have been successfully completed. You can now generate the production key by clicking on the below button.

Generate the production key

5. Click the **Generate the production key** button, then click **Yes** to confirm.
6. Copy the production key.
7. Sign in to your **WooCommerce Back Office**.
8. Go to the **General configuration** of the Systempay payment module.
9. Replace the existing production key with the previously copied key.
10. Switch the **Mode** parameter to **PRODUCTION** and save the changes.
11. You shop can now receive real payments.

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6.3. Integrating the embedded payment

6.3.1. Configuring the shop

1. Sign in to your **Systempay Merchant Back Office** with your identifiers: https://paiement.systempay.fr/vads-merchant/
2. Go to **Settings** > **Shop**.
3. Click the **Keys** tab.
4. Copy your **Shop ID**.
5. Sign in to the **Wordpress Back Office**.
6. Go to **WooCommerce** > **Settings**.
7. Click the **Payments** tab.
8. Click **Systempay - General configuration**.
9. Paste your **Shop ID** to the **Access to the payment gateway**.
10. Return to the **Merchant Back Office**.
11. Copy your **Test key**.
12. Return to the **Wordpress Back Office**.
13. Paste your **Test key** to the **Access to the payment gateway**.
14. If you are updating the module, you can also paste the Production key and then set the Mode to PRODUCTION.
15. Return to the **Merchant Back Office**.
16. Click on **API REST Keys** tab.
17. Copy your **Test password**.
18. Return to the **Wordpress Back Office**.
19. Paste your **Test password** to **REST API keys**.
20. Follow the same steps for the **Public test key** and **HMAC-SHA-256 test key** parameters.
21. If you are updating the module, you can also copy the **Production password**, the **Public production key** and the **HMAC-SHA-256 production key**.
22. Click **Save changes**.

6.3.2. Configuring the Instant Payment Notification URL

1. Sign in to the **Wordpress Back Office**.
2. Go to **WooCommerce** > **Settings**.
3. Click the **Payments** tab.
4. Click **Systempay - General configuration**.
5. Search for **REST API keys** section.
6. Copy the URL from the **REST API Instant Payment Notification URL** parameter.
7. Sign in to the **Merchant Back Office Systempay**: https://paiement.systempay.fr/vads-merchant/.
8. Go to **Settings** > **Notification rules**.

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9. Double click on **Instant Payment Notification URL at the end of the payment**.

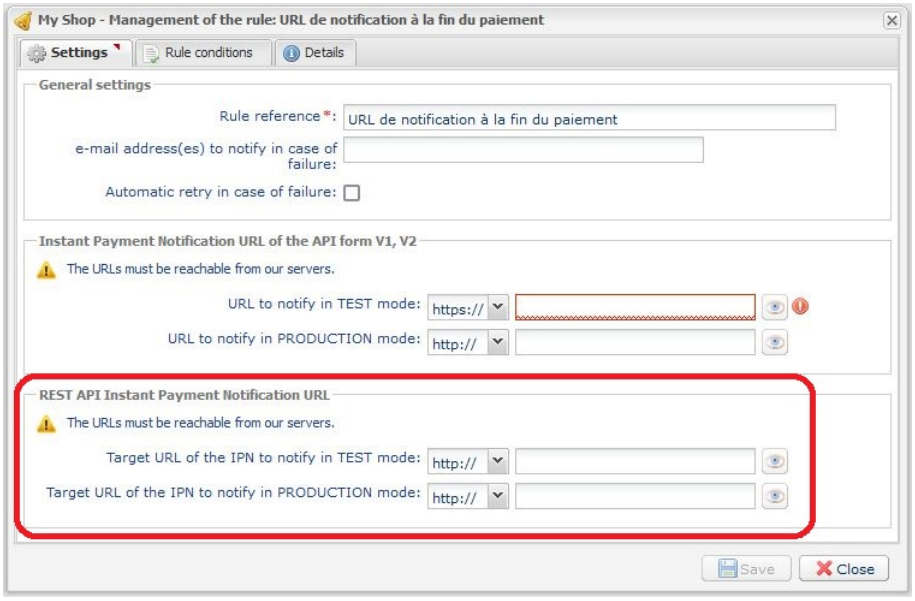
10. Check the **Automatic retry in case of failure** box.

11. Search for the **REST API Instant Payment Notification URL** part.

12. Paste the previously copied URL to **Target URL of the IPN to call in TEST mode** and **Target URL of the IPN to call in PRODUCTION mode**.

    If the production URL is different from your test URL, specify - it in order to not forget it later. Your URL should look like this:

    https://www.your-domain.com/?wc-api=WC_Gateway_Systempay_Notify_Rest



13. Click **Save**.

14. Double click on **Instant Payment Notification URL on cancellation**.

15. Carry out the same operation from step 10 to step 13.

16. Double click on **Instant Payment Notification URL on batch change**.

17. Carry out the same operation from step 10 to step 13.

18. Double click on **Instant Payment Notification URL on an operation coming from the Back Office**.

19. Carry out the same operation from step 10 to step 13.

20. Double click on **Instant Payment Notification URL when creating a recurring payment**.

21. Carry out the same operation from step 10 to step 13.

22. If the configured rules are marked by a red cross, select the rule and click on the **Enable the rule** button at the bottom of the screen.

6.3.3. Testing the payment on your website

To make a test payment:

1. Make an order on your merchant website as if you were one of your buyers.

2. Select the payment method "**Payment by credit card**."

3. Choose a payment method if your configuration offers it.

4. Click on one of the card numbers displayed on the screen, all the fields will be populated automatically.

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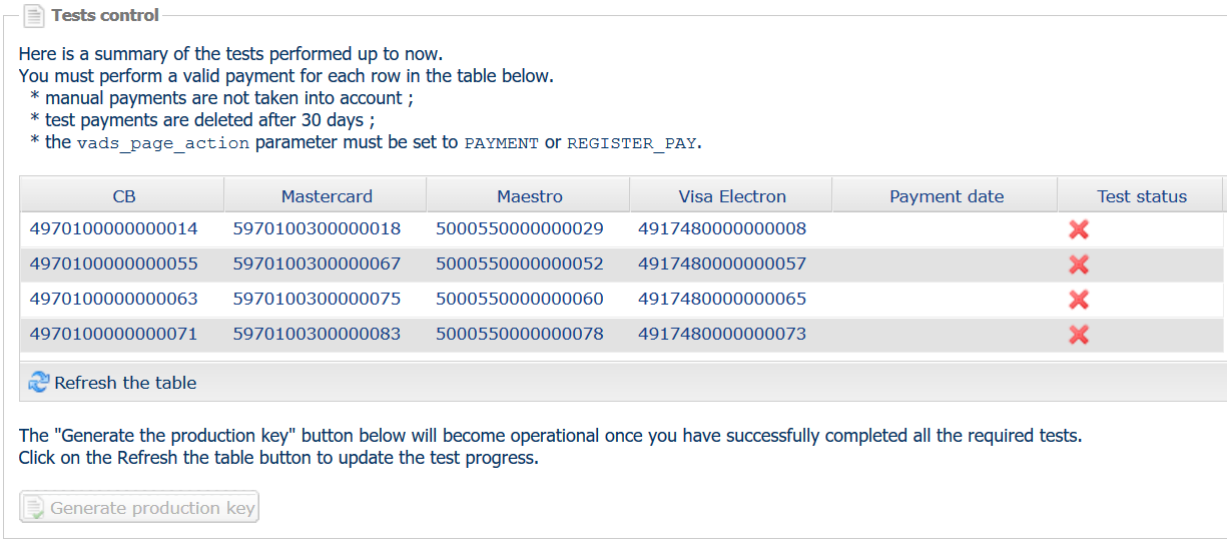
5. Confirm your payment.

6. Make sure that the order is appears in the WooCommerce Back Office.

6.3.4. Going into PRODUCTION

To go into PRODUCTION via the redirection :

1. Sign in via **Merchant Back Office Systempay**.
2. Go to **Settings** > **Shop** then click on the **API REST Keys** tab.
3. If there are no tables, go directly to step 5.
4. If you look at the table below, you should do the payment tests before going into production:

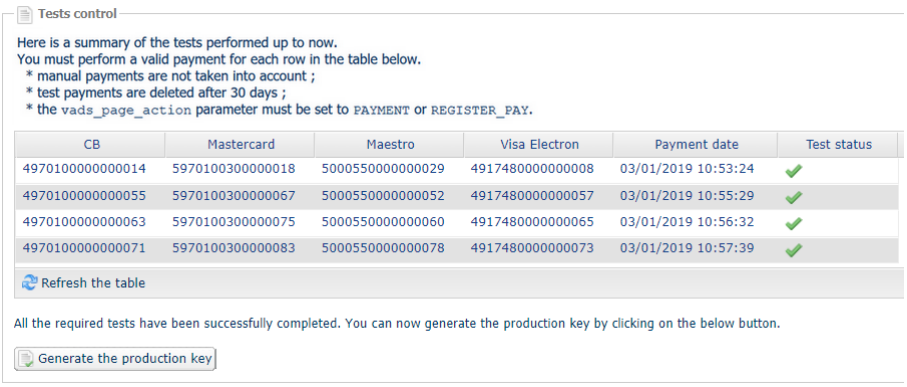


For making test payments:

a. See chapter **Testing the payment on your website**.

b. Make a payment using each line of the table, the card number used on the payment page must be identical to the one in the table.

c. Once all 4 payments have been made, the red crosses will be replaced by green check marks.



5. Click **Generate the password and the HMAC-SHA-256 production key**, then click **Yes** to confirm.
6. Copy the **Production password** and the **HMAC-SHA-256 production key** displayed on the screen.
7. Sign in to your **WooCommerce Back Office**.
8. Go to the **General configuration** of the Systempay payment module.

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9. Paste the 2 parameters previously copied to the **Production password** and **HMAC-SHA-256 production key**.
10. Return to Merchant Back Office and click the **Keys** tab.
11. Copy the **Production key**.
12. Return to the **WooCommerce Back Office**.
13. Look for the **Access to the payment gateway** section, then paste in your Production Key.
14. Switch the **Mode** parameter to **PRODUCTION** and save the changes.
15. You shop can now receive real payments.

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7. DETAILED PARAMETERS OF THE PAYMENT MODULE

In this section, you will find the details of each parameter offered by payment module.

NOTE: An FAQ is available in our online documentation archive, it presents the most frequently asked questions and is regularly updated. The FAQ module is available via the link - below in the **CMS** section > **WooCommerce 2.x-9.x**:

https://paiement.systempay.fr/doc/fr-FR/faq/faq-homepage.html

7.1. Integrate subscriptions

Subscriptions can be managed by WooCommerce Subscriptions or Systempay.

Subscriptions managed by WooCommerce Subscriptions	Subscriptions managed by Systempay
Subscription modifiable from CMS.	Subscription not modifiable.
Variable schedule and amount.	Fixed schedule with fixed amount.
Requires **payment by t**oken **API REST** options (Use REST payment API).	Requires **payment by subscription** option only.

If you'd like to integrate subscriptions managed by WooCommerce Subscriptions, see **Integration via WooCommerce Subscriptions**.

If you'd like to integrate subscriptions managed by Systempay, see **Integration via Systempay**.

7.1.1. Integration via WooCommerce Subscriptions

WARNING: The **payment by token** option and **REST API** (Use of the REST payment API) must be enabled in your shop to be able to use this feature.

To integrate subscriptions:

1. Sign in to the **Wordpress Back Office**.
2. Go to **WooCommerce** > **Settings**.
3. Click the **Payments** tab.
4. Click **Systempay - Payment by subscription WooCommerce Subscriptions**
5. Check the **Enable / Disable** box.
6. Modify the other parameters if necessary.
7. Save your changes.

7.1.2. Integration via Systempay

WARNING: To be able to use this feature, you must enable the **subscription** option in your Systempay shop.

To integrate subscriptions:

1. Sign in to the **Wordpress Back Office**.
2. Go to **WooCommerce** > **Settings**.
3. Click the **Payments** tab.
4. Click on **Systempay - Payment by subscription**.

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5. Check the **Enable / Disable** box.
6. Select the solution used by your site to manage subscriptions via the **Subscription management** parameter.
7. Modify other parameters as required.
8. Save your changes.

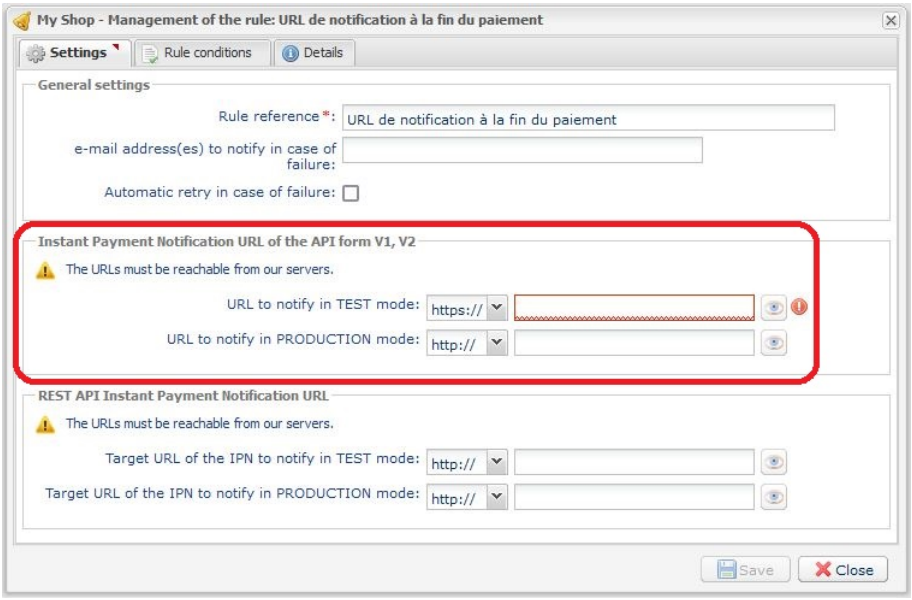
You will also need to set the **Instant Payment Notification URL when creating a recurring payment**

Via the **WordPress Back Office**:

1. Go to the **WooCommerce** menu > **Settings**.
2. Click the **Payments** tab.
3. Click **Systempay - General configuration**.
4. Search for **ACCESS TO THE PAYMENT GATEWAY**.
5. Copy the URL from the **Instant Payment Notification URL** parameter.

Via the **Merchant Back Office Systempay**:

1. Sign in with your https://paiement.systempay.fr/vads-merchant/ identifiers.
2. Go to **Settings** > **Notification rules**.
3. Double click **Instant Payment Notification URL when creating a recurring payment**.
4. Check the **Automatic retry in case of failure** box.
5. Search for the **Instant Payment Notification URL of the API form V1, V2** section.
6. Paste the previously copied URL to **URL to call in TEST mode** and **URL to call in PRODUCTION mode**.
   If the production URL is different from your test URL, specify it in order to not forget it later. Your URL should look like this:
   https://www.your-domain.com/?wc-api=WC_Gateway_Systempay



7. Click **Save**.

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7.2. Integrating the buyer wallet

An e-wallet allows a buyer to store several payment cards and to choose which one to use when making a purchase, without having to enter the card number.

Bank details are stored by the payment gateway, in compliance with the rules imposed by the GDPR (= General Data Protection Regulation).

IMPORTANT: Make sure you have set up your REST API keys correctly before you start. This setup is described in the **Quick module configuration** > **Integrating the embedded payment** of the documentation.

To integrate the buyer wallet:

1. Sign in to the **Wordpress Back Office**.
2. Go to **WooCommerce** > **Settings**.
3. Click **Systempay - Standard payment**.
4. Search for the **Entry mode for payment method data** parameter and select one of the modes below:
   - Payment fields embedded on the merchant website (REST API).
   - Smartform embedded on the merchant website (REST API).
   - Extended Smartform embedded on the merchant website with logos (API REST).
   - Extended Smartform embedded on the merchant website without logos (REST API).
5. Search for the **Payment by token** parameter and select **Yes**.
6. Search for the **Use buyer wallet to manage tokens** parameter, then select **Yes**.
7. Save your changes.

Granting or removing the buyer's right to terminate their token:

1. Sign in to the Merchant Back Office.
2. Go to **Settings** > **Company**.
3. Click the **Subscription, token and wallet** tab.
4. Search for **Buyer wallet parameter**.
5. By checking the **Logical removal of the token by the buyer** box, the buyer can freely terminate his aliases.

   If the box is unchecked, a message will be displayed to the buyer requesting cancellation from the merchant.
6. Click the **Save** button at the bottom of the screen.

WARNING: If a buyer's token is associated with a subscription, the current subscription will be cancelled. It is therefore not recommended to enable the **Logical token deletion by the buyer** option.

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7.3. Description of all parameters

Basic settings	
Logs	Allows to enable or disable module logs. The logs will be available in the /wp-content/uploads/wc-logs/ directory on the server. This parameter is **enabled** by default.

Access to the payment gateway	
Shop ID	Indicate the 8-digit shop ID, available in your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Test key	Specify the test key available via your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Production key	Specify the production key available in your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**). Note that the production key will only become available after the test phase has been completed.
Mode	Allows to indicate the operating mode of the module (**TEST** or **PRODUCTION**). The PRODUCTION mode becomes available only after the test phase has been completed. The TEST mode is always available.
Signature algorithm	Algorithm used to compute the signature of the payment form. The algorithm must be the same as the one configured in the Merchant Back Office (**Settings** > **Shop** > **Keys**). If the algorithm is different, the parameter will have to be modified via the Merchant Back Office.
Instant Payment Notification URL	URL to copy in your Merchant Back Office (**Settings** > **Notification rules** > **Instant Payment Notification URL at the end of the payment** > **Instant Payment Notification URL of the API form V1, V2** menu). For more information, see the chapter and the sub-chapters on **Configuring the notification URL**.
Payment page URL	This field is pre-populated by default: https://paiement.systempay.fr/vads-payment/

REST API keys	
Test password	Password allowing to use Web Services or embedded payment fields in test mode. The password is available in your Merchant Back Office (Menu: **Settings** > **Shops** > **REST API keys**).
Production password	Password allowing to use Web Services or embedded form in production mode. The password is available in your Merchant Back Office (Menu: **Settings** > **Shops** > **REST API keys**).
REST API server URL	This field is pre-populated by default: https://api.systempay.fr/api-payment/ It is recommended to leave the **default** value.
Public test key	The test public key must be filled in if you use the embedded payment fields, such as **Card data entry mode**. The public key is available via your Merchant Back Office (Menu: **Settings** > **Shops** > **REST API keys**).
Public production key	The production public key be must be filled in if you use the embedded payment fields, such as **Card data entry mode**. The public key is available via your Merchant Back Office (Menu: **Settings** > **Shops** > **REST API keys**).

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REST API keys	
HMAC-SHA-256 test key	The test HMAC-SHA--256 key must be filled in if you use the embedded payment fields, such as the **Card data entry mode**. The HMAC-SHA-256 key is available from your Merchant Back Office (Menu: **Settings** > **Shops** > **REST API keys**).
HMAC-SHA-256 production key	The production HMAC-SHA--256 key must be filled in if you use the embedded payment fields, such as the **Card data entry mode**. The HMAC-SHA-256 key is available from your Merchant Back Office (Menu: **Settings** > **Shops** > **REST API keys**).
JavaScript client URL	This field is pre-populated by default: https://static.systempay.fr/static/ It is recommended to leave the **default** value.
REST API Instant Payment Notification URL	URL to copy in your Merchant Back Office (**Settings** > **Notification rules** > **Instant Payment Notification URL at the end of the payment** > **REST API Instant Payment Notification URL** menu). For more information, see the chapter and the sub-chapters on **Configuring the notification URL**.

Payment page	
Default language	This option allows to choose the default language of the payment page in case the language of WooCommerce is not supported by Systempay. If the language(s) used by the WooCommerce is (are) implemented into Systempay, the payment page will be displayed in the language of WooCommerce when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page. The buyer will be able to select a language when he or she is redirected to the payment page. If you do not select any language, all languages will be displayed on the payment page. To select a language, press and hold the "Ctrl" key and click on the desired languages. Available languages: German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	Indicates the delay (in days) before the capture. By default, this parameter can be configured in your Merchant Back Office (Menu: **Settings** > **Shop** > **Configuration** - section: Capture delay). It is recommended to not populate this parameter.
Validation mode	***Back Office configuration:*** Recommended value. Allows to use the configuration defined in the Merchant Back Office (menu: Settings > Shop > Configuration section: validation mode). ***Automatic:*** This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. ***Manual:*** This value indicates that the transactions will require manual validation by the merchant via the Merchant Back Office. Warning: if the transaction is not validated by the merchant before the expiration date of the authorization request, it will never be captured in the bank.

Custom 3DS	
Managing 3DS	Allows to request authentication without interaction (frictionless). Requires the option **Frictionless** 3DS2 • For payments made in euro, if the amount is lower than €30, a request for frictionless is transmitted to the DS. **If the request for frictionless is accepted by the issuer, the merchant loses the payment guarantee.**

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Custom 3DS	
	• For payments made in euros, if the amount is greater than €30, the value transmitted by the merchant is ignored and the management of cardholder authentication is delegated to the gateway. • For payments made in a currency other than euro, a request for frictionless is transmitted to the DS.

Return to shop	
Automatic redirection	This option allows to automatically redirect the buyer to the merchant website. This option depends on the following settings. This option is disabled by default.
Time before redirection (success)	If the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a successful payment.
Message before redirection (success)	If the **automatic redirection** option is enabled, you can define the message that will appear on the screen following a successful payment before your buyer is redirected to the shop. The default message is: "Redirection to the shop in a moment".
Time before redirection (failure)	If the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a failed payment.
Message before redirection (failure)	If the **automatic redirection** option is enabled, you can define the message that will appear on the screen following a failed payment before your buyer is redirected to the shop. The default message is: "Redirection to the shop in a moment".
Return mode	During the redirection to the shop, these parameters are returned to the shop in **POST** or **GET** modes. The **POST** mode is set by default.
Order status	Select the Registered orders status. It is recommended to leave the **default** value.
Delete the error order	By checking this box, you will delete the failed payments in the WooCommerce Back Office. It is recommended to leave the default **Disabled** value.

Additional options	
Category association	Associate a type with each category in your catalog. This parameter is required to perform fraud verification (subject to the option). You can: • Quickly associate a category with all the products in your catalog • Associate a type with each category in your catalog The categories are: Food and grocery | Cars | Entertainment | Home and gardening | Household appliances | Auctions and group purchasing | Flowers and presents | Computers and software | Health and beauty | Services for individuals | Services for companies | Sports | Clothes and accessories | Travel | Home audio, photo, video | Telephony
Payment method title	The payment module will automatically detect all the available transporters on your website.
Type	Allows to choose the type of transporter from the following options: **Delivery company:** Transporters (La Poste, Colissimo, UPS, DHL, etc.) **Store pick-up**: Item pickup directly from the merchant. **Relay point**: Use of a network of delivery points (Kiala, Alveol, etc.)

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Additional options	
	Pick-up at a station: Item pickup at an airport, a train station or a travel agency.
Speed	Shipping speed: **Express** (less than 24h) or standard. **Standard** **Priority** (reserved to Click & Collect)
Delay	In case of picking up the item at the shop (Click & Collect) with priority delivery, select the delivery delay from the following options: **≤ 1 hour** **> 1 hour** **Immediate** **24/7**

Module option	
Activation	Check the box to enable the payment method.
Payment method title	This option allows you to define the title of the payment method. The buyer will see this title when choosing a payment method. If your shop is available in several languages, a drop-down list will appear to the right of the method title. Changing the language allows you to enter a different title in each language.
Description	This option allows you to define the description of the payment method. If your shop supports several languages, you can also define the description of the payment method for each language.

Restrictions	
Supported countries	Configure the countries for which the payment method is available: • **All countries**: the payment method is available for all countries. • **Specific countries**: after choosing this option, the list of **Authorized countries** appears. Press and hold "Ctrl" and select the countries of your choice from the list of **Authorized countries**.
Minimum amount	This field defines the minimum amount for which you wish to offer this payment method.
Maximum amount	This field defines the maximum amount for which you do not wish to offer this payment method.

Payment page	
Capture delay	Delay (in days) before the capture for this payment method. If you leave this field empty, the value configured in the **General configuration** section will be applied. If the **Capture delay** field of the **General configuration** is also empty, the value configured in the Merchant Back Office will be applied.
Validation mode	Validation mode for this payment method. ***General configuration of the module:*** Recommended value. Allows to apply the configuration defined in the **General configuration** section. ***Back Office configuration:*** Allows to use the configuration defined in the Merchant Back Office (menu: Settings > Shop > Configuration – section: validation mode) ***Automatic:*** This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. ***Manual:*** This value indicates that the transactions will require manual validation by the merchant via the Merchant Back Office.

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Payment page	
	Warning: if the transaction is not validated by the merchant before the expiration date, it will not be captured in the bank.
Card types	This field allows to select the cards logo to be displayed on the payment page. Warning: The payment types offered to the buyer on the payment page depend on the contracts and options associated with your Systempay offer. It is recommended to leave this parameter empty.

Advanced options	
Card data entry mode	This parameter setting is described in the chapter on **Choosing the integration type** in the documentation.
Display in a pop-in	Check the box to display embedded payment fields in a pop-in window.
Theme	Choose the theme you would like to use to display the embedded payment fields.
Display title	If you select **No**, the *Payment by card* label will not be displayed unless you offer other payment modules.
Custom fields placeholders	This option will allow you to define the label that will get displayed by default in the embedded payment fields. If your shop supports several languages, you can also define the title of the payment method for each language.
Card registration label	Enter the label that you wish to display for the button **Save my card**. The **Payment by token** settings must be enabled to have this text displayed. If your shop is available in several languages, a button will appear on the right of the method title. You can use this button to enter a different title for each language.
Payment attempts number	Maximum number of payment retries after a failed payment, this value must be between 0 and 9. If this value is not specified, the default value will be 3.
Payment by token	The payment by token allows to pay for the order without having to enter the card details upon each payment. During the payment, the buyer decides whether he/she wishes to register his/her card details by ticking the corresponding box available in the payment page. The box will be displayed only if the buyer is connected to the merchant website. This option is **disabled** by default. **WARNING:** **The 'payment by token' option must be enabled in your Systempay shop.**
Use the buyer wallet to manage token	An e-wallet allows a buyer to store several payment cards and to choose which one to use when making a purchase, without having to enter the card number. Bank details are stored by the payment gateway, in compliance with the rules imposed by the GDPR (= General Data Protection Regulation). Select **Yes** to activate the buyer wallet.

Advanced options for payment in installments	
Card type selection	The module provides 2 operating modes: *On the payment gateway* The card type is selected on the Systempay payment page. *On the merchant website* The card type is chosen when the buyer selects the "Pay by credit card in installments" payment method. The list of available payment methods depends on the configuration of accepted card types (see "Configuration of the card type").

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Multi payment option	
Payment option	This module allows you to create as many credit card installment payment options as you like. Each payment option will have a different code that will be displayed in the order table. To add a payment option, click on **Add**. When you are done, remember to save your changes.
Label	Text describing the installment payment option as it will be offered to the buyer. Example: Pay in 3 installments with no fees
Minimum amount	Allows to define the minimum amount required to make the payment option available.
Maximum amount	Allows to define the maximum amount required to make the payment option available.
Merchant ID	The Merchant ID to use with the option, in case your shop has several Merchant IDs. **It is recommended to leave this field empty.**
Number	Number of installments: **3** for payment in 3 installments **4** for payment in 4 installments etc.
Period	Period (in days) between each installment.
First installment	Amount of the first installment, expressed as a percentage of the total amount. Example: For an amount of EUR 100 in 3 installments, you can set the percentage of the first payment at 50% of the amount. This means that the amount of the first installment will be EUR 50 an that the two others will be of EUR 25. For 50% enter **50**. If you want the amount of every installment to be the same, leave this field empty.

Franfinance payment options	
Label	Enter the label of the option that will be displayed during checkout. The default values are: • **Payment in 3 installments** • **Payment in 4 installments**
Number	Enter the number of installments (3 for a payment in 3 installments, etc.).
Fees	The module provides 3 operating modes: *Systempay Back Office configuration*: It will use the default settings configured in the Merchant Back Office. These values can be viewed and changed via the menu: **Settings** > **Company** > **Merchant Ids** tab. Select your **Franfinance** contract > **Details** tab > **Default payment option** section. *No fees*: It will force the deactivation of fees for this option. *With fees*: It will force the activation of fees for this option. **WARNING:** Make sure you have correctly filled in the corresponding authentication strings in your Franfinance contract, before forcing the application of fees for a payment option.
Minimum amount	Enter the minimum amount for each option.
Maximum amount	Fill the maximum amount for each option.

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Advanced options for subscriptions	
Subscription management	If you offer a subscription service on your website, you must select one of the 3 offers: WooCommerce Subscriptions In the case where your website subscriptions are handled by the **WooCommerce Subscriptions** module. Subscriptio In the case where you use the **Subscriptio** module. Custom In the case where you have developed your own subscription management solution.

Payment options for Other payment methods	
Group payment methods	By enabling this option, all the payment methods added in this section will be displayed within the same payment submodule. Otherwise, each payment method will be represented in a different submodule. This parameter is set to **Disabled** by default.
Label	Text describing the payment option as it will be offered to the buyer. The label will be displayed only if the **Group payment methods** option is **disabled**. Example: Pay via Bancontact If your shop supports several languages, you can also define the label of the payment method for each language.
Payment method	Choose the payment method you would like to offer.
Minimum amount	This field defines the minimum amount for which you wish to offer this payment method.
Maximum amount	This field defines the maximum amount for which you do not wish to offer this payment method.
Authorized countries	Select the country that you would like to authorize for the selected payment method. If no countries are selected from the list, all countries will be authorized. Hold down the **Ctrl** key to select or deselect several countries.
Validation mode	Validation mode for this payment method. ***General configuration of the module:*** Recommended value. Allows to apply the configuration defined in the **General configuration** section. ***Back Office configuration:*** Allows to use the configuration defined in the Merchant Back Office (menu: Settings > Shop > Configuration – section: validation mode) ***Automatic:*** This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. ***Manual:*** This value indicates that the transactions will require manual validation by the merchant via the Merchant Back Office. Warning: if the transaction is not validated by the merchant before the expiration date, it will not be captured in the bank. Remember to configure the **Instant Payment Notification rule on an operation coming from the Back Office** to update the order status in WooCommerce.
Capture delay	Delay (in days) before the capture for this payment method. If you leave this field empty, the value configured in the **General configuration** section will be applied. If the **Capture delay** field of the **General configuration** is also empty, the value configured in the Merchant Back Office will be applied.
Embedded form:	Check this box if you would like to use this payment method with the embedded payment (see chapter **Choosing the integration type**). Click on this link to see the payment methods compatible with the Smartform.

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Payment options for Other payment methods	
Shopping cart data	Check this box if you wish to send the shopping cart details to the payment gateway. For some payment methods, such as and PayPal, the shopping cart details are required.
Add payment methods	If you want to create payment methods that are not present in the **Payment methods** list, you can add them manually in the payment module: **1.** Click the **Add** button. **2.** Enter the technical code provided by Systempay. This code must be exactly the same as the one present in the data dictionary in the **Card types (vads_payment_cards)** column. If your payment method is not on the list, it is not available in Systempay **3.** Enter the **name** of the payment method to be added. **4.** Save your changes. **5.** Once the payment method created, you will have to add and configure it from the **Payment methods** section (previous parameter). The new payment method will be displayed at the end of the **Payment methods** list.

7.4. Instant Payment Notification URL

The Merchant Back Office provides several types of notifications. They allow to manage the events that will generate a call to the merchant website and to configure the URL of the contact page.

To access notification rule management:

1. Sign in to: https://paiement.systempay.fr/vads-merchant/.
2. Go to the following menu: **Settings** > **Notification rules**.

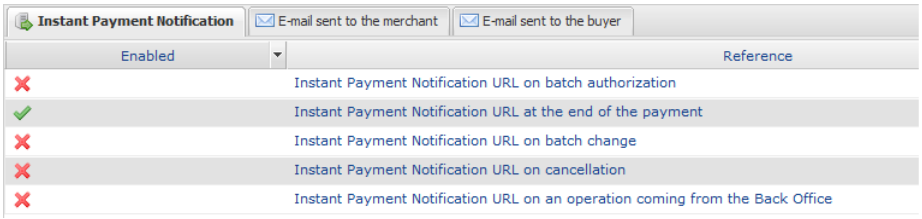

Figure 1: Notification rules

Right click > **Enable the rule** if a red cross appears in the **Enabled** column of the following rules:

- Instant Payment Notification URL at the end of the payment
- Instant Payment Notification URL on cancellation
- Instant Payment Notification URL on batch change
- Instant Payment Notification URL when creating a recurring payment

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7.4.1. Notification URL definitions

Instant Payment Notification URL at the end of the payment :

This notification is **required** for communicating the result of the payment request.

In your Merchant Back Office, you must set up a URL that will be systematically called after a payment. It will inform the merchant website of the payment result even if your client has not clicked on return to the shop.

Instant Payment Notification URL on cancellation :

The payment gateway can systematically notify the merchant website:

- When the buyer abandons/cancels a payment - via the **Cancel and return to shop** button.
- When the buyer has not completed the payment and the payment session has expired.

  The maximum length of a payment session is 10 minutes.

Instant Payment Notification URL on batch change :

It is recommended to enable this notification for **PayPal** transactions in order to manage the **UNDER_VERIFICATION** status. The merchant website will be notified about the acceptance or refusal by PayPal.

In case you have enabled the **Oney** payment method, **you must enable this rule** for your merchant website to be notified when orders are accepted or rejected by Oney.

If **manual validation** payment has been configured, **you must enable this rule** for your merchant website to be notified when a transaction expires.

Instant Payment Notification URL when creating a recurring payment :

This notification is required for communicating the result of a payment request for a subscription.

In your Merchant Back Office, you must configure a URL that will be systematically called after a subscription-type payment. It will inform the merchant website about the payment result.

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7.4.2. Configuration of Instant Payment Notification URLs

In oder to configure a notification URL:

1. Make sure that the notification URL is enabled (see chapter “Instant Payment Notification URL”).
2. **Double click** the notification URL that you would like to configure.
3. Enter the **E-mail address(es) to notify in case of failure**.

   To specify several e-mail addresses, separate them with a semi-colon.
4. Check the **Automatic retry in case of failure** box.

   This option allows to automatically send notifications to the merchant website in case of failure (up to 4 times).
5. Populate the fields **URL to call in TEST mode** and **URL to call in PRODUCTION mode** (**Notification URL of the Hosted payment page V1, V2** section). The URL to copy is specified in the module configuration (**Notification URL**).

   The URL must resemble the one below:

   https://www.your-domain.com/?wc-api=WC_Gateway_Systempay

   Replace **your-domain.com** with the domain name of your website.
6. If you have configured the embedded form as integration type, populate the fields **Target URL of the IPN to call in TEST mode** and **Target URL of the IPN to call in PRODUCTION mode** (**REST API Instant Payment Notification URL** section). The URL to copy is present in the module configuration (**REST API notification URL**).

   The URL must resemble the one below:

   https://www.your-domain.com/?wc-api=WC_Gateway_Systempay_Notify_Rest

   Replace **your-domain.com** with the domain name of your website.
7. Click **Save**.

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7.4.3. Testing the notification URL

In order to make sure that the Instant Payment Notification functions correctly, follow these steps:

1. Make sure that your URL is available online: your shop must neither be **in maintenance mode** nor be protected by an .htaccess file.

2. Make sure that your notification URL is available without any redirection.

   a. To do this, paste your notification URL to the address bar of your browser and launch the search.

   b. Make sure your URL did not change.

      If your URL has changed, for example from "*http*" to "*http**s***" or "*http://abc.net*" to "*http://**www**.abc.net*", it means a redirection is active on your website. Then, copy the URL from the address bar and modify the URL filled in the configuration of all notification rules.

3. Make sure that the “Automatic redirection” option is disabled in the payment module settings.

4. Check that the **Instant Payment Notification URL at the end of payment** is populated in the Merchant Back Office (see above).

5. Make an order on your website and proceed to payment.

6. **Do not click on** "Return to shop" at the end of payment and close the current tab of your browser.

7. In the **WooCommerce** > **Orders** menu, check that the order status is **In progress**.

If the order status remains **Pending payment**, the call has failed.

If the payment gateway is unable to access the URL of your page, an e-mail will be sent to the shop administrator.

It contains:

- The HTTP code of the encountered error
- Parts of error analysis
- Its consequences
- Instructions to resend, from the Merchant Back Office, the notification to the URL already specified above

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8. OBTAINING HELP

Looking for help? See our FAQ:

https://paiement.systempay.fr/doc/fr-FR/faq/faq-homepage.html

For any technical inquiries or if you need any help, contact technical support.

In view of facilitating the processing of your requests, please have your shop ID ready (an 8-digit number).

This information is available in the “registration of your shop” e-mail or in the Merchant Back Office (**Settings** > **Shop** > **Configuration**).

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