PayZen

Powered by Lyra

Payment module integration
for Drupal Commerce

Contents

1. RELEASE NOTES

Version	Date	Comments
1.2.0	9/14/2017	New features • Merge of Standard payment and Installment payments in the same module. • Ability to define several payment options for the installment payment method. • Reorganization of the module. • Addition of German translations. • Addition of a sub module for PayPal payment method. Bugfix • Update of the order status only if the order has been paid with our payment method.
1.1a	8/12/2013	• Fix of the special characters dual-encoding issue that was generating a signature error.
1.1	5/6/2013	• Changes for compatibility with installment payment.
1.0	12/6/2011	Initial version.

2. MODULE FEATURES

The payment module offers the following features:

- Single payment,
- payment in installments with the possibility to offer several options for installment payments (2, 3, 4 installments, etc.),
- PayPal payment,
- Compatibility with Drupal version 8.x
- Compatibility with Drupal Commerce version 2.x
- multi-language compatibility,
- multi-currency compatibility,
- selective 3D-Secure depending on the order amount,
- automatic redirection to the shop once the payment has been made,
- systematic registration of orders at the end of payment via a silent URL (Instant Payment Notification URL).
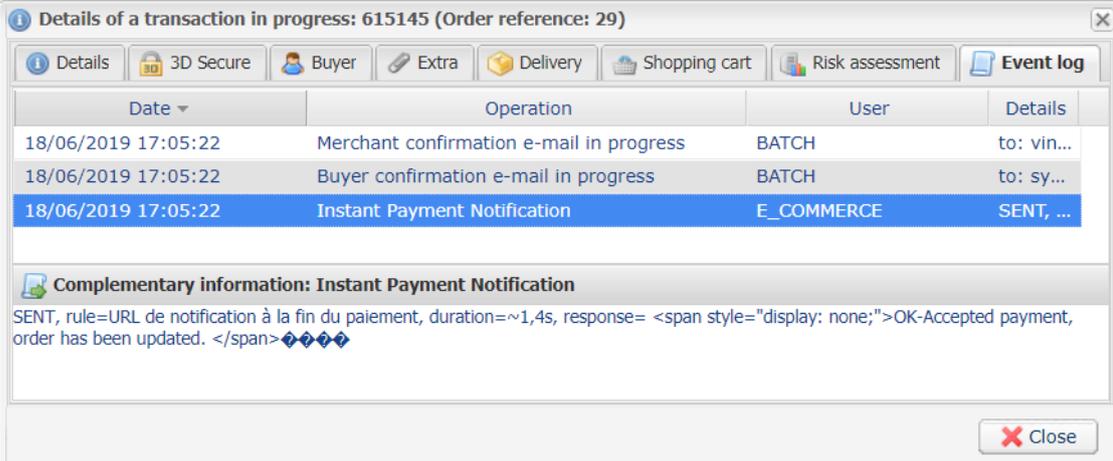
3. READ CAREFULLY BEFORE GOING ANY FURTHER

The most frequent error concerns the Instant Payment Notification URL. The Instant Payment Notification URL is the only way the PayZen gateway can notify you at the end of your payment. The chapter **Setting up the end of payment notification** must be read thoroughly and the provided instructions must be respected. It is essential to understand the difference between the Instant Payment Notification URL and the return URL which is called only if the buyer clicks on "Return to shop".

Frequent errors:

- **If your Drupal_Commerce shop is in maintenance mode**

- **If your Instant Payment Notification URL is protected by an .htaccess file**

- **If you have blocked the IP addresses of the payment gateway**

- **If you have not encoded the notification URL in the Merchant Back Office**

How to check that the Instant Payment Notification URL has been called:

Via the Merchant Back Office, display the payment details (double click), then go to the "**Event log**" tab.

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4. INSTALLMENT PAYMENT FEATURES

This module also allows you to offer the possibility to pay in installments. In module settings, you can choose the number of installments and the delay in days between each installment.

This module will allow you to view an order in your Drupal_Commerce Back Office with the total amount that has been paid using the "payment in 3 installments with no fees" module, for instance.

During the first installment payment, an authorization request for the amount of the first installment is sent (if the capture date is before the current date + 6). Therefore, you cannot be sure that the upcoming installments will be honoured. Remember to check that the upcoming installments are authorized.

Starting from the second installment, the IPN is no longer called, as Drupal_Commerce does not support such notifications for finalized orders. It is needless to resend the IPN from the Back Office.

Additional feature implemented into this module

For installment payments, the PayZen payment gateway allows to also choose the amount of the first installment.

Example:

For an amount of 100 EUR 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 50 EUR and that the two others will be of 25 EUR.

Payment method view

In module settings, you can define the minimum amount starting from which you wish to offer installment payment.

You can also set up the maximum amount until which you wish to offer installment payment.

To sum up, you must define a range for enabling payment in installments.

5. PREREQUISITES

Before integrating the payment module, please make sure that you are in possession of the following elements:

- **Payment module file**: PayZen_Drupal_Commerce_1.x_v1.2.0.zip
- **Your shop ID**
- **Test or production key**

The Shop ID and the keys are available in the Merchant Back Office (menu: **Settings** > **Shop** > **Keys**)
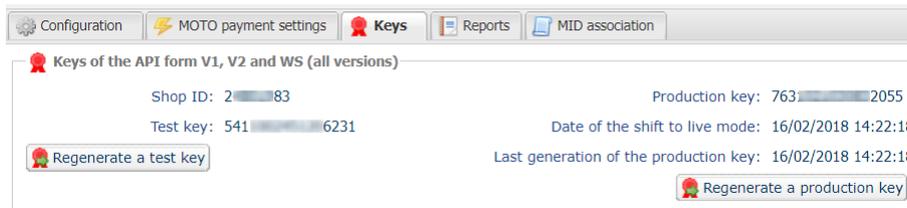
Reminder, your Merchant Back Office is available at this address:

https://secure.payzen.eu/vads-merchant/

WARNING: All our payment modules are tested, starting from PHP version 5.3.

Therefore, all the later PHP versions are no longer supported by our modules. If you have an earlier version, you must ask your hosting provider to install a more recent version on your server prior to contacting us.

Please note that the 5.3 version is already no longer supported by PHP: *http://php.net/supported-versions.php*

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6. INSTALLING AND CONFIGURING THE PAYMENT MODULE

6.1. Updating the module

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

WARNING : Do not forget to save the parameters of your module before you uninstall it and make sure you save the production key that is no longer visible in the PayZen Back Office.

1. From the Drupal_Commerce Back Office, go to the **Extension** menu:

2. In the list of available modules, uncheck the PayZen payment module then click on the **Save configuration** button at the bottom of the page.

3. Go to the **UNINSTALL** tab, check the box corresponding to PayZen then click **Uninstall**.

4. Refer to the following chapters for adding and installing the new module.

6.2. Adding the payment module

There are two ways of adding PayZen payment modules:

Automatic installation:

The first method consists in adding the payment module via the Drupal_Commerce Back Office.

From the administration panel of your store, go to the **Modules** menu and click on **Install a new module**.

Then click the **Choose File** button and load the payment module.

Manual installation:

The second method consists in copying the module via FTP. To do this, copy the payzen commerce folder into the /sites/all/modules folder of your website.

6.3. Installing the payment module

To install the payment module:

1. In the menu of your Drupal_Commerce Back Office, click on **Modules**.

2. Search for **Commerce PayZen**, check the box to enable the module and click the **Save** button. If the box is grayed out, it means that other Drupal modules required for PayZen have not been activated or installed.

6.4. Configuring the payment module

To configure the payment module, click on **Shop** in the menu of your Merchant Back Office, then **Configuration** > **Payment modes**.

Click the **Add payment gateway** button, then select one of the following payment methods to enter its configuration:

The payment module configuration is divided into several parts:

- **Standard payment**: Allows to enable and configure standard payment.

- **Payment in installments**: Allows to enable and configure payment in installments.

One-time payment

Search for **PayZen - Onet-Time payment** and select it and click on **Enable**.

Once the module activated, click on **PayZen - One-Time payment** > **Enable payment method:** PayZen - **One-Time payment**.

Access to the payment gateway	
Shop ID	Specify 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).
Payment page URL	This field is pre-populated by default: *https://secure.payzen.eu/vads-payment/*

Payment page	
Default language	This option allows to choose the default language of the payment page in case the language of Drupal_Commerce is not supported by PayZen. If the language(s) used by the Drupal_Commerce is (are) implemented into PayZen, the payment page will be displayed in the language of Drupal_Commerce when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page. Buyer will be able to select a language when he is redirected on the payment page. If you do not select any language, all the 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 is managed 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, 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 Drupal_Commerce.

Payment page	
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 PayZen offer.
	It is recommended to leave empty the parameter.

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)	In case 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)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the platform 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)	In case 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)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway 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 **GET** or **POST** modes.
	The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.

Conditions	
Customer	
Limit by billing address	Check the box to limit the payment module by the billing address of the customer.
	Add the countries or postal codes for which you want to enable the payment module.
Limit by role	Check the box to limit the payment module by role.
	Then, select roles (authenticated users, administrators...) for which the payment module is enabled.
Limit by email	Check the box to limit the payment module by customer's email.
	Add the email for which you want to enable the payment module.
Order	
Limit by currency	Check the box to limit the payment module by currency.
	Then, select the currencies for which you want to enable the payment module.
Limit by store	Check the box to limit the payment module by store.
	Then, select the stores for which you want to enable the payment module.
Limit by total price	Check the box to limit the payment module by total price.
	Then, select the operator and enter the amount.
	• _**Greater than**_: The payment module will be available only if the total amount is greater than the filled amount.
	• _**Greater than or equal to**_: The payment module will be available only if the total amount is greater than or equal to the filled amount.
	• _**Less than or equal to**_: The payment module will be available only if the total amount is less than or equal to the filled amount.
	• _**Less than**_: The payment module will be available only if the total amount is less than the filled amount.

Conditions	
	• ***Equal to***: The payment module will be available only if the total amount is equal to the filled amount.
Limit by type	Check the box to limit the payment module by type of order. Then, select the type of order for which you want to enable the payment module.
Conditions	You can apply several conditions at the same time. There are two choices: • All conditions must be filled in. • At least one condition must be filled in.
Status	Allows to enable or disable this payment method. This parameter is **enabled** by default.

Once you have completed the configuration, click **Save**.

Payment in installments

Search for **PayZen - Payment in installments** and select it and click on **Enable**.

Once the module activated, click **PayZen - Payment in installments** > **Enable payment method:** PayZen **- Payment in installments**.

Access to the payment gateway	
Shop ID	Specify 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).
Payment page URL	This field is pre-populated by default: *https://secure.payzen.eu/vads-payment/*

Payment page	
Default language	This option allows to choose the default language of the payment page in case the language of Drupal_Commerce is not supported by PayZen. If the language(s) used by the Drupal_Commerce is (are) implemented into PayZen, the payment page will be displayed in the language of Drupal_Commerce when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page. Buyer will be able to select a language when he is redirected on the payment page. If you do not select any language, all the 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 is managed 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, 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 Drupal_Commerce.

Payment page	
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 PayZen offer. It is recommended to leave empty the parameter.

Payment options	
First installment	Amount of the first installment, expressed as a percentage of the total amount. Example: For an amount of 100 EUR 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 amount to 50 EUR an that the two others will be of 25 EUR. For 50% enter **50**. If you wish to set identical amounts for all installments, leave the field empty.
Number	Number of installments: **3** for payment in 3 installments **4** for payment in 4 installments Etc.
Delay	Delay (in days) between each installment.

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)	In case 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)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the platform 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)	In case 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)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway 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 **GET** or **POST** modes. The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.

Conditions	
Customer	
Limit by billing address	Check the box to limit the payment module by the billing address of the customer. Add the countries or postal codes for which you want to enable the payment module.
Limit by role	Check the box to limit the payment module by role. Then, select roles (authenticated users, administrators...) for which the payment module is enabled.
Limit by email	Check the box to limit the payment module by customer's email. Add the email for which you want to enable the payment module.

Conditions	
Order	
Limit by currency	Check the box to limit the payment module by currency. Then, select the currencies for which you want to enable the payment module.
Limit by store	Check the box to limit the payment module by store. Then, select the stores for which you want to enable the payment module.
Limit by total price	Check the box to limit the payment module by total price. Then, select the operator and enter the amount. • _**Greater than**_: The payment module will be available only if the total amount is greater than the filled amount. • _**Greater than or equal to**_: The payment module will be available only if the total amount is greater than or equal to the filled amount. • _**Less than or equal to**_: The payment module will be available only if the total amount is less than or equal to the filled amount. • _**Less than**_: The payment module will be available only if the total amount is less than the filled amount. • _**Equal to**_: The payment module will be available only if the total amount is equal to the filled amount.
Limit by type	Check the box to limit the payment module by type of order. Then, select the type of order for which you want to enable the payment module.
Conditions	You can apply several conditions at the same time. There are two choices: • All conditions must be filled in. • At least one condition must be filled in.
Status	Allows to enable or disable this payment method. This parameter is **enabled** by default.

Once you have completed the configuration, click **Save**.

Don't forget to configure the **Instant Payment Notification URL on batch authorization** rule to allows your Drupal_Commerce store to be notified for each payment.

The order status will remain **Pending** until the last payment is authorized. If one payment is declined, the order status will remain **Pending**, but if all payments are accepted, the order status will become **Processing**.

To configure this rule, refer to chapter **Setting up the notification on batch authorization**.

PayPal payment

Search for **PayZen - PayPal payment** and select it and click on **Enable**.

Once the module activated, click on **PayZen PayPal payment** > **Enable payment method:** PayZen - **PayPal payment**.

For the merchant

The process of adding the PayPal payment option to your merchant website is simple. It consists in:

• Creating a **PayPal account** if you do not have one.

• Using a **PayPal account** if you have one.

• Enabling the **Payment via PayPal** option with the help of your payment gateway sales representative.

For the buyer

Signing up to PayPal is free and is done on the PayPal website. The buyer must:

• Create a PayPal account by entering an e-mail address and a password.

• Fill in all his or her personal details, address, etc.

• Fill in all the credit card details.

Access to the payment gateway	
Shop ID	Specify 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).
Payment page URL	This field is pre-populated by default: *https://secure.payzen.eu/vads-payment/*

Payment page	
Default language	This option allows to choose the default language of the payment page in case the language of Drupal_Commerce is not supported by PayZen. If the language(s) used by the Drupal_Commerce is (are) implemented into PayZen, the payment page will be displayed in the language of Drupal_Commerce when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page. Buyer will be able to select a language when he is redirected on the payment page. If you do not select any language, all the languages will be displayed on the payment page. To select a language, press and hold the " `Ctrl` " key and click on the desired languages. <u>Available languages</u>: German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	Indicates the delay (in days) before the capture.

Payment page	
	By default, this parameter is managed 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, 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 Drupal_Commerce.
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 PayZen offer.
	It is recommended to leave empty the parameter.

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)	In case 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)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the platform 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)	In case 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)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway 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 **GET** or **POST** modes.
	The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.

Conditions	
Customer	
Limit by billing address	Check the box to limit the payment module by the billing address of the customer.
	Add the countries or postal codes for which you want to enable the payment module.
Limit by role	Check the box to limit the payment module by role.
	Then, select roles (authenticated users, administrators...) for which the payment module is enabled.
Limit by email	Check the box to limit the payment module by customer's email.
	Add the email for which you want to enable the payment module.

| Conditions	
Order	
Limit by currency	Check the box to limit the payment module by currency. Then, select the currencies for which you want to enable the payment module.
Limit by store	Check the box to limit the payment module by store. Then, select the stores for which you want to enable the payment module.
Limit by total price	Check the box to limit the payment module by total price. Then, select the operator and enter the amount. • _**Greater than**_: The payment module will be available only if the total amount is greater than the filled amount. • _**Greater than or equal to**_: The payment module will be available only if the total amount is greater than or equal to the filled amount. • _**Less than or equal to**_: The payment module will be available only if the total amount is less than or equal to the filled amount. • _**Less than**_: The payment module will be available only if the total amount is less than the filled amount. • _**Equal to**_: The payment module will be available only if the total amount is equal to the filled amount.
Limit by type	Check the box to limit the payment module by type of order. Then, select the type of order for which you want to enable the payment module.
Conditions	You can apply several conditions at the same time. There are two choices: • All conditions must be filled in. • At least one condition must be filled in.
Status	Allows to enable or disable this payment method. This parameter is **enabled** by default.

Once you have completed the configuration, click **Save**.

7. SETTING UP THE INSTANT PAYMENT NOTIFICATION URL

Several types of notifications are provided in the Merchant Back Office. They allow to manage events (payment abandoned by the buyer, payment canceled by the merchant, payment validated by the merchant, etc.) that will trigger a call to the merchant website and to configure the URL of the contact page.

To access notification rule management:

1. Sing in to: *https://secure.payzen.eu/vads-merchant/*.

2. Go to the following menu: **Settings** > **Notification rules**.
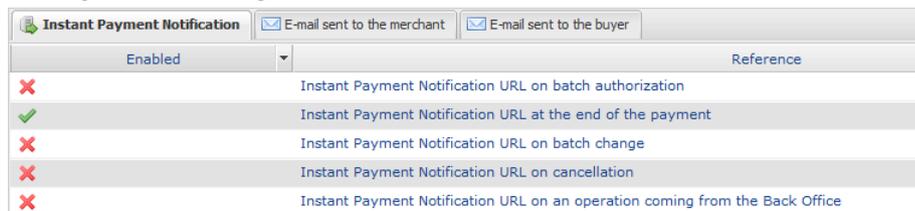
Enabled	Reference
✖	Instant Payment Notification URL on batch authorization
✔	Instant Payment Notification URL at the end of the payment
✖	Instant Payment Notification URL on batch change
✖	Instant Payment Notification URL on cancellation
✖	Instant Payment Notification URL on an operation coming from the Back Office

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

7.1. Setting up the Instant Payment Notification

This notification is required to communicate the result of a 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.

This parameter is called Instant Payment Notification URL at the end of the payment.

To set up this notification:

1. Right-click the **Instant Payment Notification URL at the end of the payment** line.

2. Select **Enable the rule**.

3. Make a right click on **Instant Payment Notification URL at the end of the payment** once again.

4. Select **Manage the rule**.

5. Enter the following URL in 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):

   http://your-domain.com/commerce_payzen/process

6. Enter the **E-mail address(es) to notify in case of failure**.

7. To specify several e-mail addresses, separate them with a semi-colon.

8. Set up the parameters for **Automatic retry in case of failure**.

   This option allows to automatically send notifications to the merchant website in case of failure (up to 4 times).

   A notification will be considered as failed if the HTTP code returned by the merchant server is not on the following list: **200**, **201**, **202**, **203**, **204**, **205**, **206**, **301**, **302**, **303**, **307**, **308**.

   Automatic retry does not apply to notifications manually triggered via the Merchant Back Office.

   Call attempts are scheduled at fixed intervals every 15 minutes (00, 15, 30, 45). After each failed attempt, a notification e-mail is sent to the e-mail address specified earlier.

9. Save the modifications.

7.2. Setting up notifications in case of abandoned or canceled payments

1. Right-click the **Instant Payment Notification URL on cancellation** line.

2. Select **Manage the rule.**

3. Enter the **E-mail address(es) to notify in case of failure.**

4. To specify several e-mail addresses, separate them with a semi-colon.

5. Set up the parameters for **Automatic retry in case of failure**.
   This option allows to automatically send notifications to the merchant website in case of failure (up to 4 times).

6. Enter the following URL in 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):

   http://your-domain.com/commerce_payzen/process

7. Save the changes.

8. Once again, right-click **Instant Payment Notification URL on cancellation**

9. Select **Enable the rule**.

7.3. Testing the Instant Payment 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 <u>without any redirection</u>.

   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 "*https*" 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. Make sure that the order has been created in the **Store** > **Orders** menu.

If the order has not been created in the Drupal_Commerce Back Office, this means that 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.

8. PROCEEDING TO TEST PHASE

Now that the payment module has been configured and you have specified the IPN URLs, you can move on to test phase in order to generate the production key.

Different cases of payments can be simulated by using test card numbers specified on the payment page. The merchant will be able to test all 3D Secure authentication results (if the merchant is enrolled and 3DS is not disabled).

The list of the tests to perform to generate the production key is provided in the Merchant Back Office, via the menu **Settings** > **Shop** > **Keys**.

Each row of the list contains card numbers associated with the same scenario (i.e. 2 accepted payments and 2 refused payments).

Each column corresponds to a different card type: CB/VISA, MASTERCARD, MAESTRO, VISA ELECTRON).

To perform the test phase:

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. Once redirected to the payment page, select the card type of your choice.

4. Refer to the list of tests to identify the card number to use.

5. Once a test has been validated, its status is updated in the list. Click on **Refresh the table** button if the status has not been updated automatically.

6. Once the 4 tests have been validated, the **Generate the production key** button becomes available.

7. Click the **Generate the production key** button and accept the notification messages that will appear.

The production key is now available.

9. SHIFTING THE SHOP TO PRODUCTION MODE

After you receive a confirmation e-mail informing you that a key has been generated, you can configure the payment method by following the steps below:

- Retrieve the production key available in the Merchant Back Office (**Settings** > **Shop** > **Keys**).

- In the module configuration parameters:
  - Populate the **Production key** field.
  - Switch from TEST to PRODUCTION mode.
  - Save the changes.
- Make sure that you have specified the Instant Payment Notification URL in production mode, as described in the chapter **Setting up the Instant Payment Notification URL**.

Once the production settings have been configured, we recommend to make a first real payment.

You will then be able to cancel the payment via the Click on Other actions and sign into your Merchant Back Office. This transaction will not be captured in the bank.

Note on the production key:

For security reasons, this key will no longer be visible as soon as the first transaction in production mode is made in your shop.

Note on the TEST mode:

When you shop is in production mode, the TEST mode remains available.

To work in test mode, follow the steps below:

- Switch from PRODUCTION to TEST mode.
- Make sure that the **Test key** is correctly specified.
- Save the changes.

10. OBTAINING HELP

Consulting the online documentation

Looking for help? See our online documentation

In France	*https://payzen.io/fr-FR/faq/sitemap.html*
In Europe	*https://payzen.io/en-EN/faq/sitemap.html*
In Latin America (except Brazil)	*https://payzen.io/lat/faq/sitemap.html*
In Brazil	*https://payzen.io/pt-BR/faq/sitemap.html*
In India	*https://payzen.io/in/faq/sitemap.html*

We are constantly improving the understanding and proper use of our technical documentation. We appreciate any constructive remarks on your part.

Please send your comments and suggestions about the documentation to the e-mail address *support@payzen.eu*.

Getting in touch with technical support

For technical inquiries or support, you can reach us from Monday to Friday, between 9 a.m. and 6 p.m.

	By phone	By e-mail
In France	**0811708709** Service fee 0.06 € / min + call charge	*support@payzen.eu*
In Europe	**+33 820902103** Service fee 0,12 € / min + call charge	*support@payzen.eu*
In Latin America (except Brazil)	N/A	*soporte@payzen.lat*
In Brazil	+55 (11) 3336-9217 +55 (11) 3336-9209	*suporte@payzen.com.br*
In India	+91 (022) 33864910 / 932	*support.pg.in@lyra.com*

and via your Merchant Back Office, menu **Help** > **Contact support**

To facilitate the processing of your demands, you will be asked to communicate your shop ID (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**).