



COLLECTING SOLUTION

**Payment module integration
for Prestashop 1.5, 1.6 and 1.7**

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1. RELEASE NOTES

Version	Date	Comment
1.13	3/10/2020	<u>Bug fixes</u> <ul style="list-style-type: none">Error when a partial refund is generated several times via a CMS.
1.12.1	2/4/2020	<u>Bug fixes</u> <ul style="list-style-type: none">Systematic update of card data during a 1-click payment.
1.12	1/8/2020	<u>New features</u> <ul style="list-style-type: none">Restrict payment submodules according by country.Addition of the SEPA direct debit mode (REGISTER, REGISTER_PAY, PAIEMENT) feature.Addition of the pop-in feature for displaying an embedded form (REST API).Addition of Payment by token feature.The feature of bank data acquisition on the merchant website has been removed.Addition of complementary options for the Other payment methods submodule. (validation mode, capture, cart data, countries).The values of the vads_order_info2 variable have been transferred to vads_order_info.Partial or full payment refund via the CMS Back Office.
1.10.1	10/4/2018	Initial version

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2. MODULE FEATURES

The payment module offers the following functionalities:

- Immediate payment,
- Payment in installments with the possibility to offer several options (2, 3, 4 installments, etc.),
- Payment by token (requires subscription to the payment by token option),
- PayPal payment,
- ANCV payment,
- Customizable submodule for all payment methods,
- Compatibility with PrestaShop version 1.5-1.7,
- Multi-language compatibility,
- Multi-currency compatibility,
- Multi-shop compatibility, with a possibility to configure a different URL name displayed on the payment page,
- Selective 3D Secure customizable by client group depending on the order amount,
- Automatic redirection to the shop once the payment is made,
- Definition of a minimum/maximum amount for each payment type,
- Definition of a minimum/maximum amount for each payment type by client group,
- Definition of different capture delay or validation mode for each payment type,
- Management of failed payments (possibility to register orders with failed payments),
- Possibility to define the name of the payment method in any language,
- Automatic update of orders PrestaShop in case of validation, duplication, cancellation, refund, modification via the Expert Back Office,
- Theme configuration for personalizing the payment page (if the option is enabled),
- Compatibility with the PrestaShop URL rewriting function,
- Payment page integrated into the checkout flow (display in an Iframe),
- Embedded payment fields (REST API),
- Partial or full refund (requires the *REST Web Services* option),
- Systematic registration of orders at the end of payment via a silent URL (Instant Payment Notification URL).

3. READ CAREFULLY BEFORE GOING ANY FURTHER

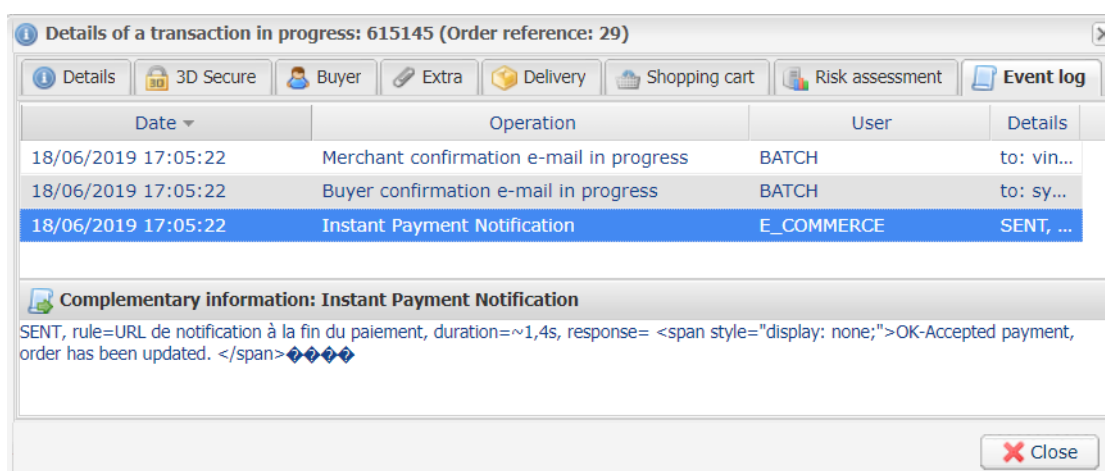
The most frequent error concerns the Instant Payment Notification URL. The Instant Payment Notification URL is the only way the Lyra Collect gateway can notify you at the end of your payment. The chapter **Setting up the end of payment notification** must be read thoroughly and the provided instructions 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 PrestaShop 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 Expert Back Office

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

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



The screenshot shows a window titled "Details of a transaction in progress: 615145 (Order reference: 29)". It has several tabs: Details, 3D Secure, Buyer, Extra, Delivery, Shopping cart, Risk assessment, and Event log. The Event log tab is active, displaying a table with the following data:

Date	Operation	User	Details
18/06/2019 17:05:22	Merchant confirmation e-mail in progress	BATCH	to: vin...
18/06/2019 17:05:22	Buyer confirmation e-mail in progress	BATCH	to: sy...
18/06/2019 17:05:22	Instant Payment Notification	E_COMMERCE	SENT, ...

Below the table, there is a section titled "Complementary information: Instant Payment Notification" with the following text: "SENT, rule=URL de notification à la fin du paiement, duration=~1,4s, response= OK-Accepted payment, order has been updated. ". At the bottom right of the window is a "Close" button.

IMPORTANT: Other topics are also presented in our FAQ, which lists the most frequently asked questions and is regularly updated. The module FAQ is available via the link below in the **Payment modules** section > **PrestaShop1.5-1.7**

<https://lyra.com/doc/fr/collect/faq/sitemap.html>

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 PrestaShop 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 honored. Remember to check that the upcoming installments are authorized.

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

However, it is possible to be notified by e-mail in case one of the following installment payments is refused. All you need to do is enable and configure the **Installment payment rejection e-mail** rule. This rule can be found in the **Settings > Notification rules** menu > **E-mail sent to the merchant** tab of the Expert Back Office.

Additional feature implemented into this module.

For installment payments, the Lyra Collect 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.

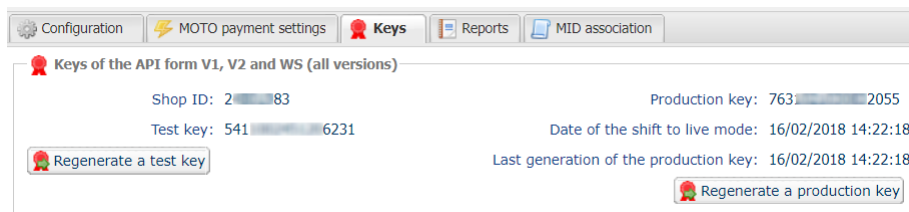
To sum up, you must define a range for enabling payment in installments.

5. PREREQUISITES

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

- **Payment module file:** Lyra_PrestaShop_1.5-1.7_v1.13.x.zip
- **Your shop ID**
- **Test or production key**

The Shop ID and the keys are available in the Expert Back Office (menu: **Settings > Shop > Keys**)



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

<https://secure.lyra.com/portal/>

Click “Other actions” and sign into your Expert Back Office.

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>

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: 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 Lyra Back Office.

Moreover, the new version of the module introduces a new setting: **Signature algorithm**. By default, this field is set to **HMAC-SHA-256** and its value must be the same as in the Lyra Collect Back Office (**Settings > Shop**). If the algorithm is different, the parameter must be changed via the Lyra Back Office.

From Prestashop 1.6:

1. Go to the **Modules and Services > Modules and Services** menu of the Prestashop Back Office.
2. Search for the **Lyra** payment module.
3. Click the arrow to get the drop down list displayed, then select **Uninstall**.
4. Click the arrow to display the drop-down list, then select **Delete**.
5. You can now install the new module. The steps are described in the next chapter.

From Prestashop 1.7:

1. Go to the **Module > Module Manager** menu of the Prestashop Back Office.
2. Search for the **Lyra** payment module.
3. Click the arrow to get the drop down list displayed, then select **Uninstall**.
4. You can now install the new module. The steps are described in the next chapter.

6.2. Adding the Shopify standard payment module

Lyra Collect payment modules can be added in two ways:

Automatic installation:

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

From Prestashop 1.6:

1. Go to the **Modules and Services > Modules and Services** menu of the Prestashop Back Office.
2. Click on the **Add a new module** button.
3. In the Add a new module section, click the **Choose a file** button.
4. Select the payment module on your hard drive and click the **Upload this module** button.

From Prestashop 1.7:

1. Go to the **Module > Module Manager** menu of the Prestashop Back Office.
2. Click the **Install a module** button.
3. A pop-up gets displayed, click Select a file.
4. Select the payment module on your hard drive and click the **Open** button.

Manual installation:

The second method consists in copying the module via FTP. To do this, copy the lyra folder from the module archive into the **modules** folder of your website.

6.3. Installing the payment module

From Prestashop 1.6:

1. Go to the **Modules and Services > Modules and Services** menu of the Prestashop Back Office.
2. Search for the **Lyra** payment module.
3. Click **Install**.

From Prestashop 1.7:

1. The module is automatically installed when adding it, no further action is required.

6.4. Configuring the payment module

From Prestashop 1.6:

1. Go to the **Modules and Services > Modules and Services** menu of the Prestashop Back Office.
2. Search for the **Lyra** payment module.
3. Click the **Configure** button.

From Prestashop 1.7:

1. Go to the **Module > Module Manager** menu of the Prestashop Back Office.
2. Search for the **Lyra** payment module.
3. Click the **Configure** button.

The payment module configuration is divided into several parts and is presented on the following pages:

- **General configuration**
- **Standard payment**
- **Payment in installments**
- **ANCV payment**
- **PayPal payment**
- **Other payment methods.**

General configuration

Basic settings	
Logs	Allows to enable or disable module logs. The logs will be available in the /var/logs, /log or /app/logs/ directory depending on your version of Prestashop. The module generates 1 log file per month. This parameter is enabled by default.
Access to the payment gateway	
Shop ID	Indicate the 8-digit shop ID, available in your Expert Back Office (Menu: Settings > Shop > Keys).
Test key	Specify the test key available via your Expert Back Office (Menu: Settings > Shop > Keys).
Production key	Specify the production key available in your Expert Back Office (Menu: Settings > Shop > Keys).
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 Expert Back Office (Settings > Shop > Keys). If the algorithm is different, the parameter will have to be modified via the Expert Back Office.
Instant Payment Notification URL	URL to copy in your Expert 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.lyra.com/vads-payment/
REST API keys	
Test password	Password allowing to build the header Authorization string for test transactions (with test cards). The password is available in your Expert Back Office (Menu: Settings > Shops > REST API keys).
Production password	Password allowing to build the Authorization header string for production transactions (with real cards). The password is available in your Expert Back Office (Menu: Settings > Shops > REST API keys).
Public test key	Public key for creating test payment forms. Public key is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).
Public production key	Public key for creating production payment forms. Public key is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).
HMAC-SHA-256 test key	Allows to confirm data authenticity for test transactions. The HMAC-SHA-256 key is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).
HMAC-SHA-256 production key	Allows to confirm data authenticity for production transactions. The HMAC-SHA-256 key is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).
REST API Instant Payment Notification URL	URL to copy in your Expert Back Office (Settings > Notification rules > Instant Payment Notification URL at the end of the payment > REST API Instant Payment Notification URL menu).
Payment page	
Default language	This option allows to choose the default language of the payment page in case the language of PrestaShop is not supported by Lyra Collect. If the language(s) used by the PrestaShop is (are) implemented into Lyra Collect, the payment page will be displayed in the language of PrestaShop when the buyer clicks on "Pay".

Payment page	
Available languages	<p>Allows to customize the language displayed on the payment page. Buyer will be able to select a language when he or she is redirected to the payment page.</p> <p>If you do not select any language, all languages will be displayed on the payment page.</p> <p>To select a language, press and hold the “Ctrl” key and click on the desired languages.</p> <p><u>Available languages:</u> German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.</p>
Capture delay	<p>Indicates the delay (in days) before the capture.</p> <p>By default, this parameter can be configured in your Expert Back Office. (Menu: Settings > Shop > Configuration - section: Capture delay)</p> <p>It is recommended to not populate this parameter.</p>
Validation mode	<p>Back Office Configuration: Recommended value.</p> <p>Allows to use the configuration defined in the Expert Back Office. (Menu: Settings > Shop > Configuration section: validation mode)</p> <p>Automatic: This value indicates that the payment will be captured in the bank automatically without any action on the merchant’s part.</p> <p>Manual: This value indicates that the transactions will require manual validation by the merchant via the Expert Back Office.</p> <p><u>Warning:</u> if the transaction is not validated by the merchant before the expiration date, it will not be captured in the bank.</p> <p>Remember to configure the Instant Payment Notification rule on an operation coming from the Back Office to update the order status in PrestaShop.</p>

Customizing the payment page	
Theme configuration	<p>Allows to customize the payment page by using specific keywords.</p> <p>If you use the multi-shop mode, you can configure a different theme for each shop.</p> <p>Warning: Some keywords can only be used if the “Advanced customization” option has been enabled.</p>
Shop name	<p>You can define the name of your shop that will appear in order confirmation e-mails.</p> <p>If you use the multi-shop mode, you can configure a different name for each shop. Select the store from the list provided in PrestaShop.</p> <p>If the field is empty, the shop name that was registered in the Expert Back Office will be the one to appear in the e-mail.</p>
Shop URL	<p>You can define the shop URL that will appear on the payment page and in the order confirmation e-mail.</p> <p>If you use the multi-shop mode, you can configure a different URL for each shop. Select the store from the list provided in PrestaShop.</p> <p>If the field is empty, the shop URL that was registered in the Expert Back Office will be the one to appear on the payment page and in the e-mail.</p>

Selective 3DS	
Disable 3D Secure by user group	<p>Amount below which 3DS will be disabled for certain user groups. Below this amount, 3DS risk assessment rules will not be applied. Leave empty to use the payment gateway configuration.</p> <p>WARNING: The value of this field will be taken into account only if the option “Selective 3D-Secure” is enabled for your Lyra Collect shop. This option can only be enabled upon agreement of your bank. Some card types, such as MAESTRO, require a mandatory 3DS authentication. In this case, your configuration will not be taken into account.</p>

Return to shop	
Automatic redirection	<p>This option allows to automatically redirect the buyer to the merchant website. This option depends on the following settings.</p> <p>This option is disabled by default.</p>

Return to shop	
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 gateway 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.
Handling failed payments	Configuration of the behavior of the module in case of a failed payment: Two options are available: <ul style="list-style-type: none"> • Return to payment method selection (default option), • Save the failed order and return to history. In the second case, the order appears in the history with the Payment error or Canceled status.
Shopping cart Management	It is recommended to choose the option to empty cart in order to avoid differences in the amount in case of buyer's backtracking from the browser, modification of the shopping cart, then return to the payment page previously visited. In that case, the shopping cart will be cleared, but in case of cancellation or payment declined, the shopping cart will be restored. To keep the Prestashop default behavior, select the second option. However, you take the risk of having differences in the amount of some payments.

Additional options	
Category association	Associate a type with each category in your catalog. This information is required for Oney 3x 4x payment as well as for risk assessment (the corresponding option must be enabled). You can: <ul style="list-style-type: none"> • 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.
Send advanced shipping details	Select No if you do not want to send advanced shipping details for each payment (delivery company, type, shipping speed).
Name	The payment module will automatically detect all the available transporters on your website.
Label	Allows to define the label of a transporter when the field value is not compatible with the Oney payment method. The maximal length is 55 characters. The only authorized special characters are: space, slash, hyphen, apostrophe.
Type	Allows to define the type of transporter from the following choices: Delivery company: Transporters (La Poste, Colissimo, UPS, DHL, etc.) In-store pick-up:

Additional options	
	<p>Item pickup directly from the merchant.</p> <p>Relay point: Use of a network of delivery points (Kiala, Alveol, etc.)</p> <p>Pick-up at a station: Item pickup at an airport, a train station or a travel agency.</p>
Speed	<p>Shipping speed:</p> <p>Express (less than 24h) or standard.</p> <p>Standard</p> <p>Priority (reserved to Click & Collect)</p>
Delay	<p>In case of picking up the item at the shop (Click & Collect) with priority delivery, select the delivery delay from the following options:</p> <p>≤ 1 hour</p> <p>> 1 hour</p> <p>Immediate</p> <p>24/7</p>
Address	<p>In case of in-store pickup, populate this field as follows:</p> <p>NAME of the PICKUP POINT + POSTAL CODE + CITY</p>

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

Standard payment

Module option	
Activation	In order to enable the payment method, select Enabled . This mode est set to Enabled by default.
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 button will appear on the right of the method title. You can use this button to enter a different title for each language.
Restrictions	
Supported countries	Configure the countries for which the payment method is available: <ul style="list-style-type: none"> 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. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a smaller shopping cart amount. It is also possible to define a minimum amount for each customer group in your shop.
Maximum amount	This field defines the maximum amount beyond which you do not wish to offer this payment method. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a greater shopping cart amount. It is also possible to define a maximum amount for each customer group in your shop.
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 Expert Back Office will be applied.
Validation mode	Validation mode for this payment method. General configuration: Recommended value. Allows to apply the configuration defined in the General Configuration section. Back Office Configuration: Allows to use the configuration defined in the Expert 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 Expert 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 PrestaShop.
Card types	This field allows to indicate the images used for cards that will be displayed on the payment page or on the merchant website (see "Card data entry"). Warning: The payment types offered to the buyer on the payment page depend on the contracts and options associated with your Lyra Collect offer. It is recommended to select the ALL value.
Offer FaciPay Oney	Select "Yes" to allow FaciPay Oney payments as a standard payment. Before selecting this option, make sure you have a FaciPay Oney contract.

Payment page	
	Warning: FacilyPay Oney cannot be enabled both in the FacilyPay Oney and the standard payment submodules.
Advanced options	
Card data entry mode	<p>The module provides the following operating modes:</p> <p><u><i>Bank data acquisition on the payment gateway</i></u> Card type selection and data entry is done on the Lyra Collect payment page.</p> <p><u><i>Card type selection on the merchant website</i></u> The card type is selected on the merchant website, the list of available payment methods depends on the configuration of accepted card types (see “Card type configuration”). Once the card type has been selected, the buyer will be invited to enter their bank data on the Lyra Collect payment page.</p> <p><u><i>Payment page integrated into the checkout flow (iframe mode)</i></u> This feature allows the integration of the Lyra Collect payment page via a tunnel on your merchant website. In this case, PCI DSS certification is not necessary.</p> <p><u><i>Embedded payment fields (REST API)</i></u> This option enables the integration of embedded payment fields (card number, expiry date, cvv) on your merchant website. PCI DSS certification is not necessary in this case, however it is strongly recommended for your merchant website to be secure in order to reassure buyers. To use this solution, the merchant must subscribe to the TEST API option (Use of REST API payment).</p>
Display mode	<p>Select the display mode of your choice:</p> <ul style="list-style-type: none"> • Directly on the merchant website: To display the payment areas directly via your merchant website. • In a pop-in window: Display the payment fields in a window that will appear on top of your merchant website.
Theme	Choose the theme you would like to use to display the embedded payment fields.
Custom fields placeholders	<p>This option will allow you to define the label that will get displayed by default in the embedded payment fields.</p> <p>If your shop supports several languages, you can also define the title of the payment method for each language.</p>
Payment attempts number	<p>Maximum number of payment retries after a failed payment, this value must be between 0 and 9.</p> <p>If this value is not specified, the default value will be 3.</p>
Payment by token	<p>The payment by token allows to pay for the order without having to enter the card details upon each payment.</p> <p>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.</p> <p>The box will be displayed only if the buyer is connected to the merchant website.</p> <p>This option is disabled by default.</p> <p>WARNING: The ‘payment by token’ option must be enabled in your Lyra shop.</p>

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

Payment in installments

Module option	
Activation	In order to enable the payment method, select Enabled . By default, this method is Disabled .
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 button will appear on the right of the method title. You can use this button to enter a different title for each language.

Restrictions	
Supported countries	Configure the countries for which the payment method is available: <ul style="list-style-type: none"> 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. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a smaller shopping cart amount. It is also possible to define a minimum amount for each customer group in your shop.
Maximum amount	This field defines the maximum amount beyond which you do not wish to offer this payment method. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a greater shopping cart amount. It is also possible to define a maximum amount for each customer group in your shop.

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 Expert Back Office will be applied.
Validation mode	Validation mode for this payment method. General configuration: Recommended value. Allows to apply the configuration defined in the General Configuration section. Back Office Configuration: Allows to use the configuration defined in the Expert 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 Expert 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 PrestaShop.
Card types	This field allows to indicate the images used for cards that will be displayed on the payment page or on the merchant website (see "Card data entry"). Warning: The payment types offered to the buyer on the payment page depend on the contracts and options associated with your Lyra Collect offer. It is recommended to select the ALL value.

Advanced options	
Card type selection	<p>The module provides 2 operating modes:</p> <p><i>On the payment gateway</i></p> <p>The card type is selected on the Lyra Collect payment page.</p> <p><i>On the merchant website</i></p> <p>The card type is chosen when the buyer selects the “Pay by credit card in installments” payment method</p> <p>The list of available payment methods depends on the configuration of accepted card types (see “Configuration of the card type”)</p>

Payment options	
Payment option	<p>This module allows you to create as many credit card installment payment options as you like.</p> <p>Each payment option will have a different code that will be displayed in the order table.</p> <p>To add a payment option, click on Add.</p> <p>Once you have completed the configuration, do not forget to click Save in order to save your changes.</p>
Label	<p>Text describing the installment payment option as it will be offered to the buyer.</p> <p>Example: Pay in 3 installments with no fees</p>
Minimum amount	<p>Allows to define the minimum amount required to make the payment option available.</p>
Maximum amount	<p>Allows to define the maximum amount required to make the payment option available.</p>
Merchant ID	<p>The Merchant ID to use with the option, in case your shop has several Merchant IDs.</p> <p>It is recommended to leave this field empty.</p>
Number	<p>Number of installments:</p> <p>3 for payment in 3 installments</p> <p>4 for payment in 4 installments</p> <p>Etc.</p>
Period	<p>Period (in days) between each installment.</p>
First installment	<p>Amount of the first installment, expressed as a percentage of the total amount.</p> <p>Example:</p> <p>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 and that the two others will be of 25 EUR.</p> <p>For 50% enter 50.</p> <p>If you want the amount of every installment to be the same, leave this field empty.</p>

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

ANCV payment

To use this payment method, the merchant must:

- Work in the tourism and leisure sector.
- Be an ANCV beneficiary, i.e. have signed the ANCV agreement.
- Request the activation of the e-Chèque-Vacances payment method via the payment gateway.

Module option	
Activation	To enable the ANCV payment method, select Enabled . By default, this method is Disabled . Activation redirects the buyer directly to the ANCV payment page. However, this payment method can also appear on the payment page if the buyer selects the standard payment (if there are no restrictions in General configuration > Card Types).
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 button will appear on the right of the method title. You can use this button to enter a different title for each language.

Restrictions	
Supported countries	Configure the countries for which the payment method is available: <ul style="list-style-type: none">• 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. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a smaller shopping cart amount. It is also possible to define a minimum amount for each customer group in your shop.
Maximum amount	This field defines the maximum amount beyond which you do not wish to offer this payment method. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a greater shopping cart amount. It is also possible to define a maximum amount for each customer group in your shop.

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 Expert Back Office will be applied.
Validation mode	Validation mode for this payment method. General configuration: Recommended value. Allows to apply the configuration defined in the General Configuration section. Back Office Configuration: Allows to use the configuration defined in the Expert 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 Expert Back Office. Warning: if the transaction is not validated by the merchant before the expiration date, it will not be captured in the bank.

Payment page	
	Remember to configure the Instant Payment Notification rule on an operation coming from the Back Office to update the order status in PrestaShop.

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

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

You can sign up to PayPal for free on the PayPal website. The buyer must:

- Create a PayPal account by entering an e-mail address and a password.
- Fill in all their personal details, address, etc.
- Fill in all their credit card details.

Module option	
Activation	To enable the PayPal payment method, select Enabled . By default, this option is Disabled . Activation redirects the buyer directly to the PayPal payment page. However, this payment method can also appear on the payment page if the buyer selects the standard payment (if there are no restrictions in General configuration > Card Types).
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 button will appear on the right of the method title. You can use this button to enter a different title for each language.

Restrictions	
Supported countries	Configure the countries for which the payment method is available: <ul style="list-style-type: none">• 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. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a smaller shopping cart amount. It is also possible to define a minimum amount for each customer group in your shop.
Maximum amount	This field defines the maximum amount beyond which you do not wish to offer this payment method. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a greater shopping cart amount. It is also possible to define a maximum amount for each customer group in your shop.

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 Expert Back Office will be applied.
Validation mode	Validation mode for this payment method. General configuration: Recommended value. Allows to apply the configuration defined in the General Configuration section. Back Office Configuration:

Payment page	
	<p>Allows to use the configuration defined in the Expert Back Office. (Menu: Settings > Shop > Configuration – section: validation mode)</p> <p><u>Automatic:</u> This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part.</p> <p><u>Manual:</u> This value indicates that the transactions will require manual validation by the merchant via the Expert Back Office.</p> <p><u>Warning:</u> if the transaction is not validated by the merchant before the expiration date, it will not be captured in the bank.</p> <p>Remember to configure the Instant Payment Notification rule on an operation coming from the Back Office to update the order status in PrestaShop.</p>

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

WARNING: In some cases, PayPal retains a transaction because of suspected fraud. If this occurs, we will label the order with the status “Pending PayPal payment” in PrestaShop.

For the order status to be updated in PrestaShop once the payment has been validated by PayPal, you must configure the notification rule **Instant Payment Notification URL on batch change** (see chapter **Setting up the Instant Payment Notification URL**) .

Other payment methods

It is recommended to enable this option if you have configured the card data entry mode with “Embedded payment fields”, and if you would like to offer other payment methods than CB, VISA, VISA ELECTRON, MASTERCARD, MAESTRO, AMEX that are not present in the other submodules.

Module option	
Activation	In order to enable the payment method, select Enabled . This mode est set to Enabled by default.
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 button will appear on the right of the method title. You can use this button to enter a different title for each language.

Restrictions	
Supported countries	Configure the countries for which the payment method is available: <ul style="list-style-type: none">• 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. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a smaller shopping cart amount. It is also possible to define a minimum amount for each customer group in your shop.
Maximum amount	This field defines the maximum amount beyond which you do not wish to offer this payment method. By defining a minimum amount for ALL GROUPS , the payment method will not be enabled for users with a greater shopping cart amount. It is also possible to define a maximum amount for each customer group in your shop.

Payment options	
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 Mistercash 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 are willing to offer.
Authorized countries	Select the country that you wish 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.
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 beyond which you do not wish to offer this payment method.
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 Expert Back Office will be applied.
Validation mode	Validation mode for this payment method. General configuration: Recommended value.

Payment options	
	<p>Allows to apply the configuration defined in the General Configuration section.</p> <p><u>Back Office Configuration:</u> Allows to use the configuration defined in the Expert Back Office. (Menu: Settings > Shop > Configuration – section: validation mode)</p> <p><u>Automatic:</u> This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part.</p> <p><u>Manual:</u> This value indicates that the transactions will require manual validation by the merchant via the Expert Back Office.</p> <p><u>Warning:</u> if the transaction is not validated by the merchant before the expiration date, it will not be captured in the bank.</p> <p>Remember to configure the Instant Payment Notification rule on an operation coming from the Back Office to update the order status in PrestaShop.</p>
Shopping cart data	<p>Check this box if you wish to send the shopping cart details to the payment gateway.</p> <p>For some payment methods, such as Oney 3x 4x and PayPal, the shopping cart details are required.</p>

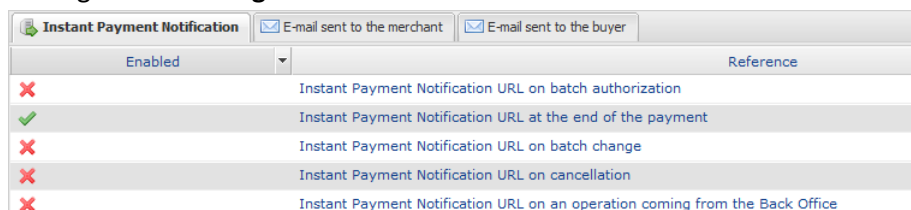
Once you have completed the configuration, click **Save**.

7. SETTING UP THE INSTANT PAYMENT NOTIFICATION URL

Several types of notifications are provided in the Expert Back Office. 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://secure.lyra.com/portal/>.
2. Click Other actions and sign into your Expert Back Office
3. Go to the following menu: **Settings > Notification rules.**



Instant Payment Notification	
<input checked="" type="checkbox"/> E-mail sent to the merchant <input checked="" type="checkbox"/> E-mail sent to the buyer	
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 payment
- Instant Payment Notification URL on cancellation
- Instant Payment Notification URL on an operation coming from the Back Office
- Instant Payment Notification URL on batch authorization
- Instant Payment Notification URL on batch change

7.1. Setting up the Instant Payment Notification

This notification is required to communicate the result of a payment request.

In your Expert 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 **Instant Payment Notification URL at the end of the payment**.
2. Select **Enable the rule**.
3. Right-click **Instant Payment Notification URL at the end of the payment** once again.
4. Select **Manage the rule**.
5. Enter the **E-mail address(es) to notify in case of failure**.
6. To specify several e-mail addresses, separate them with a semi-colon.
7. 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 Expert 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.

8. 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://www.your-domain.com/modules/lyra/validation.php`

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

9. If you have enabled the **Embedded payment fields (REST API)** option as entry mode of card data, enter the following URL in the **URL to call in TEST mode** and **URL to call in PRODUCTION mode** (**Notification of the REST API** section):

`http://www.your-domain.com/modules/lyra/validation.php`

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

10. Save the changes.

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

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.

This customization is **mandatory** if you are using the **FacilyPay Oney** payment method.

To set up this notification:

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

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://www.your-domain.com/modules/lyra/validation.php`

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

7. Save the changes.

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

9. Select **Enable the rule**.

7.3. Instant Payment Notification URL on an operation coming from the Back Office

In your Expert Back Office, you must configure a URL that will be systematically called after an operation made via the Expert Back Office. The payment gateway can systematically notify the merchant website if the following operations are performed via the Expert Back Office:

- Cancel
- Refund
- Validate
- Modify
- Duplicate

To set up this notification:

1. Right-click on **Instant Payment Notification URL on an operation coming from the Back Office**.

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://www.your-domain.com/modules/lyra/validation.php`

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

7. Save the changes.

8. Enable the rule by right-clicking on **Instant Payment Notification URL on an operation coming from the Back Office** and select **Enable the rule**.

7.4. Setting up a notification on batch authorization

These settings are required for communicating the result of a deferred payment:

- If the payment has been accepted,
- If the payment has been refused.

Example:

For a deferred payment with a capture delay of 60 days, the authorization request is not made at the moment of the payment. The merchant website will be contacted at the moment of the authorization request via the **Instant Payment Notification URL on batch authorization** rule.

To set up this notification:

1. Right-click on **Instant Payment Notification URL on batch authorization**.

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://www.your-domain.com/modules/lyra/validation.php`

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

7. Save the changes.

8. Enable the rule by right-clicking on **Instant Payment Notification URL on batch authorization** and select **Enable the rule**.

7.5. Setting up a notification 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.

This rule is **disabled by default**.

To set up this notification:

1. Right-click **Instant Payment Notification URL on batch change**.
2. Select **Manage the rule**.
3. 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://www.your-domain.com/modules/lyra/validation.php`
Replace **your-domain.com** with the domain name of your website.
4. Enter the **E-mail address(es) to notify in case of failure**.
5. To specify several e-mail addresses, separate them with a semi-colon.
6. 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).
7. Save the changes.
8. Enable the rule by right-clicking on **Instant Payment Notification URL on batch change** and select **Enable the rule**.

7.6. 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 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 "*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 Expert 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 **Orders > Orders** menu.

If the order has not been created in the PrestaShop 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 Expert Back Office the notification to the URL already specified above.

8. PROCEEDING TO TEST PHASE

Once the payment module is configured and you have set up the notification URLs, it is possible to test the payment module.

The test phase is not mandatory, however, we recommend to make some tests to make sure that the payment solution has been correctly integrated.

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).

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 you have been redirected to the payment page, select the card type of your choice.
4. Click on one of the card numbers on the payment page.

9. SHIFTING THE SHOP TO PRODUCTION MODE

After you receive a confirmation e-mail informing you that your shop has been created in the production environment, you can configure the payment method by following the steps below:

- Retrieve the shop ID and the production key available in the Expert Back Office (**Settings > Shop > Keys**).
- In the module configuration parameters:
 - Replace the **Production key** field.
 - Select the 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 Expert 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.

10. OBTAINING HELP

Looking for help? Check our FAQ on our website

<https://lyra.com/doc/fr/collect/faq/sitemap.html>

If you have any technical questions or need assistance, our tech support is available from Monday to Friday from 9 a.m. to 6 p.m.

by phone at:

0811900475

Service fee 0.06 € / min
+ call charge

by e-mail :

support-ecommerce@lyra-collect.com

and via your Expert Back Office, **Help > Contact support**

To facilitate the processing of your demands, you will be asked to communicate your shop ID (an 8-digit number) .