



COLLECTING SOLUTION

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

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1. RELEASE NOTES

Version	Date	Comment
1.11	2/6/2019	<u>New features</u> <ul style="list-style-type: none">• Addition of the Embedded payment fields (REST API) feature.• Addition of a customizable submodule for all payment means (Other submodules).• Addition of the CONECS payment mean logo.• Displays the payment logos on Prestashop 1.7 when selecting the payment method.
1.10.2	11/26/2018	<u>New features</u> <ul style="list-style-type: none">• SHA-256 Label for the signature algorithm replaced by HMAC-SHA-256• Update of logos for several payment methods.• Modification of the notice concerning the transition to production mode on the return page.• Added Spanish translations.• Payment interface in improved iframe mode.• Compatibility with PrestaShop 1.7.4.x versions (fix logs directory).
1.10.1	10/4/2018	Initial version.

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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 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 at the end of payment,
- definition of a minimum/maximum amount for each payment method,
- definition of a minimum/maximum amount for each payment method per client group,
- definition of different capture delay or validation mode for each payment method,
- management of failed payments (possibility to register orders with failed payments),
- possibility to define the name of the payment method in all languages,
- automatic update of orders PrestaShop in case of validation, duplication, cancellation, refund, modification via the Expert Back Office,
- theme configuration on the payment page (if the option is enabled),
- compatibility with the URL rewriting PrestaShop function,
- card data entry on the merchant website (requires the bank data acquisition option),
- payment page integrated into the checkout flow (display in an Iframe),
- embedded payment fields (REST API),
- systematic registration of orders at the end of payment via a silent URL (Instant Payment Notification URL).

3. READ CAREFULLY BEFORE GOING ANY FURTHER

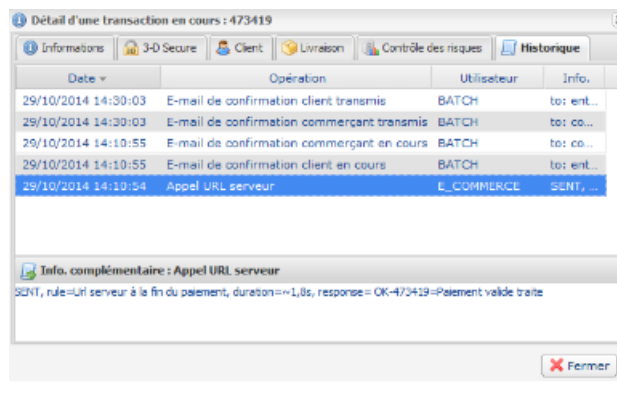
The most frequent error concerns the Instant Payment Notification URL. The Instant Payment Notification URL is the only way the Lyra gateway can notify you at the end of your payment. The chapter **Setting up the end of payment notification** must be read thoroughly and the provided instructions must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

Common 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.



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.

Additional feature implemented into this module

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

Example:

For a payment of 100 Eur in 3 installments, you can set the percentage of the first installment at 50% of the total amount. This means that the amount of the first installment will be 50 Eur and the amount of the two other installments will be 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. FREQUENT PROBLEMS

When calling the Instant Payment Notification URL, I get the error 500:

Sometimes the error 500 appears when calling the Instant Payment Notification URL. This error is an application bug and it does not mean that the problem comes from our module. To view the error details, you must enable the apache logs of your server and search the call that provoked the error.

If you do not have access to the error logs of your server, you can display the error on the redirection page by doing the following:

1. Disable the Instant Payment Notification URL in the Expert Back Office.

Reminder: to disable the IPN, go to **Settings / Notification rules** / Right-click on **Instant Payment Notification URL at the end of payment / Disable the rule**.

2. Display the errors by activating the DEV mode for your PrestaShop online shop. To do so, in the defines.inc.php file located in the config folder, replace:

```
define('_PS_MODE_DEV_', false);  
by: define('_PS_MODE_DEV_', true);
```

3. Make a test payment and click on the return to shop button, your error should appear on the screen.
4. Once the error appears, do not forget to disable the DEV mode for your PrestaShop online shop and to re-enable the Instant Payment Notification URL.

Displaying the logo of the Lyra payment method in PrestaShop 1.7:

Since version 1.7 of PrestaShop, the payment method logos are no longer displayed. We have therefore adapted to this new presentation.

If you wish to display the logo, you must modify the code of the module as follows:

- Open the AbstractLyraPayment.php file located in /modules/lyra/classes/payment/
- Go to line 142 approximately (public function getPaymentOption).
- Uncomment the line (remove //) containing setlogo and remove the ; on the previous line.

You will obtain:

```
$option->setCallToActionText($this->getTitle((int)$cart->id_lang))  
->setModuleName('lyra')  
->setLogo('../modules/lyra/views/img/'.$this->getLogo());
```

Changing the logo of the Lyra payment method:

If you wish to change the logo suggested by default during the payment method selection, replace the **BannerLogo1.gif** file located in the **modules/lyra/views/img/** folder with your file without changing the file name.

For the logo of installment payments, replace the **BannerLogo2.gif** file.

When installing PrestaShop, i get the message saying that the module could not be verified:

Since one of the latest versions of PrestaShop, this message appears when you try to install a version that does not originate from PrestaShop Add-ons.

PrestaShop attempts to redirect you to a paid version but the module that you have downloaded is fact the official version of Lyra and is perfectly compatible with PrestaShop.

You can safely proceed and click on **Continue the installation**.

Lyra does not appear among payment methods:

Sometimes the payment module does not appear in the list of payment methods (Front Office side).

This can happen when:

- **You have configured a maximum/minimum amount**

Make sure you have not configured any restrictions on the amount in the module. To do so, go to Module configuration and click on the One-Time payment tab.

- **The option Disable the modules not developed by PrestaShop**

Make sure that the "Disable the modules not developed by PrestaShop" option is not set to **YES**. This option can be found in the **Advanced parameters/Performance** menu.

- **Your module needs to be reset**

This happens specifically when several modifications have been made within your PrestaShop online shop. Resetting the module will allow to reset your shop configuration with new parameters.

WARNING : If you have already configured the module, do not forget to backup the website identifier and the key before you start the reinitialization.

- **Country restrictions**

For all payment modules, PrestaShop only enables the default country in the country restriction. You will have to enable the desired countries via the PrestaShop Back Office so that the payment method is available in these areas.

The country restrictions can be configured in the PrestaShop Back Office via **Modules / Payment / Country restrictions**.

- **Currency ISO code**

Make sure that the **ISO 4217** code is respected in currency settings. For example, must be configured with the code.

The currency can be configured in the PrestaShop Back Office via **Localization / Currencies**.

Payment in installments does not appear in the list of buyer's payment methods

Sometimes the Lyra installment payment module does not appear in the list of payment methods (Front Office side).

This can happen when:

- **You have configured a maximum/minimum amount**

Make sure you have not configured any restrictions on the amount in the Lyra installment payment module. To do so, go to Module configuration and click on the **Installments payment** tab.

- **Payment option not created**

Make sure that you have created at least one payment option. If it is not the case, click the **Add** button to add an option.

- **The installment payment module is not enabled**

Payment in installments is disabled by default, make sure that the **Enabled** option is selected in the **Activation** settings of the submodule.

- **Advanced EU Compliance**

Only payment in installments is functional with the **Advanced EU Compliance** module.

It is a technical constraint imposed by this module that only takes into account one payment option per module. Therefore, we have naturally chosen to enable payment in installments.

The only possibility for using payment in installments with the **Advanced EU Compliance** module is to disable the **Enable the advanced order page** option in this module's settings. However, the order page will be displayed differently on the website.

Please note that PrestaShop stopped updating the **Advanced EU Compliance** module in versions 1.7.x.

When calling the Instant Payment Notification URL, I get the error 404:

After migrating PrestaShop 1.4 to version 1.5 or 1.6, you can often obtain the 404 error. This error is due to the fact that the Instant Payment Notification URL has changed since the version 1.3d (compatible with PrestaShop 1.4) of our payment module. Therefore, make sure that the IPN URL is no longer: <http://www.mydomain.com/modules/vads/validation.php>

And that it has been replaced with: <http://www.mydomain.com/modules/lyra/validation.php>

Some orders return with a few cent difference between them

If some orders appear with a difference of a few cents, this is not related to the payment module but to PrestaShop that does not correctly round the number between the amounts before and after tax.

This issue has been thoroughly discussed on the forum PrestaShop

Error 22 – CUST_COUNTRY during a payment:

If you receive a Lyra e-mail with error **22 – CUST_COUNTRY**, it means that the country code that you entered in PrestaShop does not comply with the ISO 3166 standard.

To modify the ISO code, in PrestaShop, go to the **Localization/Country** menu and enter a valid code.

For more information on ISO 3166 codes, see:

http://www.iso.org/iso/fr/home/standards/country_codes.htm

Refunds and cancellations do not work in PrestaShop

The payment module does not allow to cancel or refund payments via the PrestaShop Back Office.

You can however perform the operation via the Expert Back Office and be notified via PrestaShop in order to update the order. For this, you must configure the **Instant Payment Notification URL on an operation coming from the Back Office**.

This step is described in the chapter **Setting up the Instant Payment Notification URL**.

Enabling the multi-shop feature:

There are no differences for our payment module, it is configured the same way as any other module in PrestaShop.

The shop can be selected in the top left corner in the PrestaShop menu, you can select:

- **All shops** in order to edit the settings of all the shops.
- **A group** to edit all the shops of a group.

- **A shop** to edit the settings of one shop.

Usually the configuration is done for **All shops** and then edited for each shop. Do not forget to edit the name of the shop URL in **General configuration > Payment page customization**.

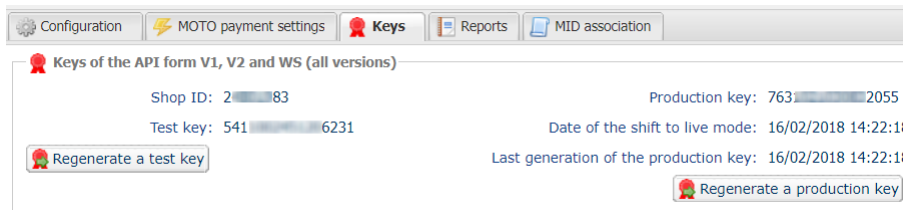
The module also supports the multi-shop mode for the call to the Instant Notification URL. You must enter the URL provided in the shop module by default in the Expert Back Office. This step is described in the chapter **Setting up the Instant Payment Notification URL**.

6. 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_v1.11.x.zip
- **Your shop ID**
- **Test or Production key**

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



Reminder, your Lyra Collect 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 should ask your host to install a more recent version on your server prior to contacting us.

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

7. INSTALLING AND CONFIGURING THE PAYMENT MODULE

7.1. Updating the module

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

WARNING: Make sure you save the parameters of your module before you delete it and, most importantly, save the production key that is no longer visible in your Expert Back Office.

1. To uninstall the payment module, select **Uninstall (or reset)**Disable from the drop-down menu.
2. Then click on **Delete** in order to delete the module from your shop.
3. The procedure for installing a new module is described in the next chapter.

7.2. Adding payment modules

There are two ways of adding Lyra payment modules:

Automatic installation:

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

From the Back Office of your shop, in the module menu, select **Add a new module** and then select the zip file of the payment module.

Click on the **Upload the module** 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.

7.3. Installation of the payment module

1. In the menu of your PrestaShop Back Office, click on **Modules --> Modules**.
2. Select the **Payment** category to find the module more easily or perform the search by entering Lyra.
3. In the Lyra payment module, click on **Install**.
4. If the message **This module could not be verified** appears, click on **Continue the installation** anyway.

7.4. Configuring the payment module

To configure the payment module, click on the **Settings** button.

The payment module configuration is divided into several parts:

- **General configuration** Concerns the general configuration of the module.
- **One-time payment:** Allows to enable and configure single payments.
- **Payment in installments:** Allows to enable and configure payment in installments.
- **PayPal payment:** Allows to enable and configure the PayPal payment method within a submodule.
- **Other payment means:** Enables the creation of one or several submodules in order to offer other payment means.

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	Specify 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). 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 > Notification URL at the end of payment > Notification URL of the Hosted payment page V1, V2 menu): http://www.mon-domaine.fr/modules/lyra/validation.php
Payment page URL	This field is pre-populated by default: https://secure.lyra.com/vads-payment/
Payment page	
Default languages	This option allows to choose the default language of the payment page in case the language of PrestaShop is not supported by Lyra. If the language(s) used by the PrestaShop is (are) implemented into Lyra, the payment page will be displayed in the language of PrestaShop 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>

Payment page	
	German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	By default, this parameter is managed in your Expert 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 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.

Customizing the payment page	
Theme configuration	Allows to customize the payment page by using specific keywords. If you use the multi-shop mode, you can configure a different theme for each shop. Warning : Certain keywords can only be used if the "Advanced customization" option has been enabled.
Shop name	You can define the name of your shop that will appear in order confirmation e-mails. If you use the multi-shop mode, you can configure a different name for each shop. Select the store in the list available in PrestaShop. 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.
Shop URL	You can define the shop URL that will appear on the payment page and in the order confirmation e-mail. If you use the multi-shop mode, you can configure a different URL for each shop. Select the store in the list available in PrestaShop. 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.

Selective 3DS	
Disable 3D Secure by user group	Amount below which 3DS will be disabled by user groups. WARNING : The value of this field will be taken into account only if the option "Selective 3D-Secure" is enabled for your Lyra 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.

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.

Return to shop	
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.
Management of failed payments	Configuration of the module behavior in case of a failed payment: Two options are available: <ul style="list-style-type: none"> • Return to the choice of payment method (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	
Association of categories	Associate a type with each category in your catalog. This information is required 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 don't want to send advanced shipping details for each payment (delivery company, type, shipping speed).
Name	The payment module will automatically detect all the transporters available on your website.
Label	Allows to define the label of a transporter . 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.) Reclaim in shop : Item pickup directly from the merchant. Delivery point : Using a network of delivery points (Kiala, Alveol, etc.) Reclaim in station : Item pickup at an airport, a train station or a travel agency.
Speed	Shipping speed: Express (less than 24h) or standard. Standard Priority (reserved to Click & Collect)
Delay	In case of picking up the item at the shop (Click & Collect) with priority delivery, select the delivery delay from the following options: ≤ 1 hour

Additional options	
	> 1 hour Immediate 24/7
Address	In case of store pickup, populate this field as follows: NAME of the PICKUP POINT + POSTAL CODE + CITY

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

One-time 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 supports several languages, you can also define the title of the payment method for each language.

Restrictions	
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 offer. It is recommended to select the ALL value.

Advanced options	
Card data entry mode	The module offers this operating modes: Bank data acquisition on the payment gateway Card type selection and data entry is done from the payment page Lyra. Card type selection on the merchant website Card type is selected from the merchant website, the list of available payment methods depends on the configuration of accepted card types (see "Card type configuration")

Advanced options	
	<p>Once card type has been selected, the buyer will be invited to enter his bank data from the payment page Lyra.</p> <p><i>Payment page integrated into the checkout flow (iframe mode)</i> This option allows the integration of the payment page Lyra via a tunnel on your merchant website. PCI DSS certification is not necessary in this case.</p> <p><i>Embedded payment fields (REST API)</i> This option enables the integration of embedded payment fields (card number, expiry date, cvv) from 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>
Test password	<p>Password allowing to build the header Authorization string for test transactions (with test cards). The password is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).</p>
Production password	<p>Password allowing to build the header Authorization string for production transactions (with real cards). The password is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).</p>
Public test key	<p>Public key for creating test payment forms. Public key is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).</p>
Public production key	<p>Public key for creating production payment forms. Public key is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).</p>
HMAC-SHA-256 test key	<p>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).</p>
HMAC-SHA-256 production key	<p>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).</p>
REST API Instant Payment Notification URL	<p>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):</p>
Theme	<p>Choose the theme you would like to use to display the embedded payment fields.</p>
Custom fields placeholders	<p>This option will allow you to define the label that will get displayed by default in the embedded payment fields. If your shop supports several languages, you can also define the title of the payment method for each language.</p>
Payment attempts number	<p>Maximum number of payment retries after a failed payment, this value must be between 0 and 10. Leave empty to use the value configured from the Expert Back Office. This parameter is taken into account only in the case where Payment failed management option in General Configuration has been set to Save order and go back to order history.</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 supports several languages, you can also define the title of the payment method for each language.

Restrictions	
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 offer. It is recommended to select the ALL value.

Advanced options	
Card type selection	The module offers 2 operating modes: <i>On the payment gateway</i> The card type is selected on the Lyra payment page. <i>On the merchant website</i> The card type is chosen when the buyer selects the "Pay by credit card in installments" payment method

Advanced options	
	The list of available payment methods depends on the configuration of accepted card types (see "Configuration of the card type")

Payment options	
Payment option	This module allows you to create as many credit card installment payment options as you like. Each payment option will have a different code that will be displayed in the order table. To add a payment option, click on Add . Once you have completed the configuration, do not forget to click on Save in order to save your changes.
Label	Text describing the installment payment option as it will be offered to the buyer. Example: Pay in 3 installments with no fees
Minimum amount	Allows to define the minimum amount required to make the payment option available.
Maximum amount	Allows to define the maximum amount required to make the payment option available.
Merchant ID	Merchant ID to use with the option in case your shop has several merchant IDs. It is recommended to leave this field empty.
Number	Number of installments: 3 for payment in 3 installments 4 for payment in 4 installments Etc.
Delay	Delay (in days) between each installment.
First installment	Amount of the first installment, expressed as a percentage of the total amount. Example: For an amount of 100 euros paid 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 50euros and that the two others will be of 25euros. For 50% enter 50 . If you wish to set identical amounts for all installments, leave the field empty.

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

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.

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 One-Time payment method (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 supports several languages, you can also define the title of the payment method for each language.

Restrictions	
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 maximum 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:

Payment page	
	<p>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 to "Embedded payment fields", and if you would like to offer other payment means 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 supports several languages, you can also define the title of the payment method for each language.

Restrictions	
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 means	By enabling this option, all the payment means added in this section will be displayed within the same payment submodule. Otherwise, each payment mean will be represented in a different submodule. This parameter is 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 means 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.
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.

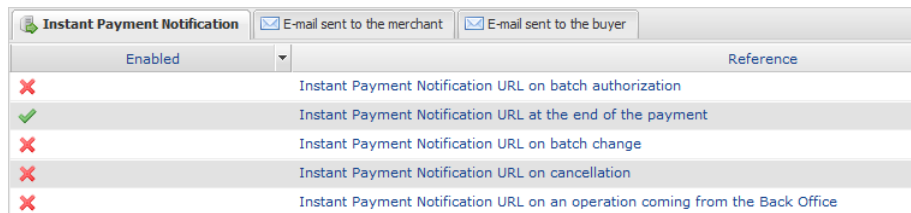
Once you have completed the configuration, click **Save**.

8. SETTING UP THE INSTANT PAYMENT NOTIFICATION URL

Several types of notifications are provided in the Expert 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. Sign into: <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.**



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 change

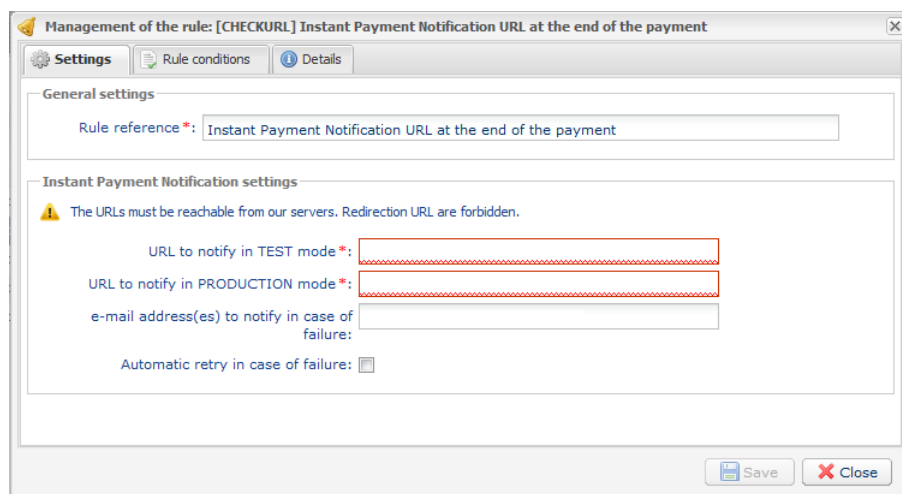
8.1. Setting up the Instant Payment Notification

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 at the end of payment.

To set up this notification:

1. Right-click **Instant Payment Notification URL at the end of payment**.
2. Select **Enable the rule**.
3. Right-click again **Instant Payment Notification URL at the end of payment**.
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**: <http://www.mon-domaine.fr/modules/lyra/validation.php>



The screenshot shows a dialog box titled "Management of the rule: [CHECKURL] Instant Payment Notification URL at the end of the payment". It has three tabs: "Settings", "Rule conditions", and "Details". The "Settings" tab is active. Under "General settings", there is a field for "Rule reference *" containing the text "Instant Payment Notification URL at the end of the payment". Under "Instant Payment Notification settings", there is a warning icon and the text "The URLs must be reachable from our servers. Redirection URL are forbidden." Below this, there are four fields: "URL to notify in TEST mode *:", "URL to notify in PRODUCTION mode *:", "e-mail address(es) to notify in case of failure:", and "Automatic retry in case of failure:" with a checkbox. At the bottom right, there are "Save" and "Close" buttons.

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).

For more information, see chapter **Activating the automatic retry** of the *Hosted Payment PageImplementation guide*.

9. Save the modifications.

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.

8.2. 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.

To set up this notification:

1. Right-click **Instant Payment Notification URL on cancellation**.
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**: <http://www.mon-domaine.fr/modules/lyra/validation.php>
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 modifications.

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.

8.3. 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 following URL in the fields **URL to call in TEST mode** and **URL to call in PRODUCTION mode**: <http://www.mon-domaine.fr/modules/lyra/validation.php>

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 modifications.

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.

8.4. 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 site will be notified of acceptance or refusal by PayPal

To set up this notification:

1. Right-click **Instant Payment Notification URL on batch change**.
2. Select **Manage the rule**.
3. Enter the URL of your page into **URL to notify in TEST mode** and **URL to notify in PRODUCTION mode**: <http://www.mon-domaine.fr/modules/lyra/validation.php>
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 modifications.
8. Enable the rule by right-clicking on **Instant Payment Notification URL on batch change** and select **Enable the rule**.

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.

8.5. 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.

9. MANAGING THE PRESTASHOP ORDER ID

The PrestaShop order ID is generated once the payment has been finalized. This is why when PrestaShop calls the payment platform, the order ID does not yet exist. Only the **shopping cart** number is generated and sent to the payment gateway.

In the Expert Back Office, the registered order ID corresponds to the **shopping cart** number of PrestaShop.

Therefore, it is normal that you cannot see the order ID in the payment confirmation e-mails sent by Lyra. Only the **shopping cart** number is displayed.

Modification of the PrestaShop code:

You have the possibility to modify the PrestaShop code in order to display the shopping cart ID in the PrestaShop order table.

To do that, open the following file: **AdminOrdersController.php** (**controllers/admin** directory)

After the following code (around line 92):

```
$this->fields_list = array  
( 'id_order' => array(  
    'title' => $this->l('ID'),  
    'align' => 'text-center',  
    'class' => 'fixed-width-xs'  
),
```

Add the following code:

```
'id_cart' => array(  
    'title' => $this->l('Shopping cart'),  
    'align' => 'center',  
    'width' => 25),
```

The addition of this code will allow to display a column entitled **Shopping cart** between the **ID** and **Reference** columns.

10. 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 shopID.
 - 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.

11. GETTING IN TOUCH WITH TECHNICAL SUPPORT

Looking for help? Check our FAQ on our website

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

For technical inquiries or support, you can reach us from Monday to Friday, between 9am and 6pm

by phone at:

0811900475

Service fee 0.06 € / mi
+ call charge

by e-mail:

support-ecommerce@lyra-collect.com

via your Expert Back Office:

(Menu: **Help** > **Contact support**)