

COLLECTING SOLUTION

Lyra integration for Prestashop 1.5, 1.6, 1.7 and 8.x

Document version 1.18

Contents

1. RELEASE NOTES	4
2. MODULE FEATURES	5
3. PREREQUISITES	6
4. INSTALLING THE PAYMENT MODULE	7
4.1. Updating the module	7
4.2. Adding the payment module	8
4.3. Installing the module	8
5. CHOOSING THE INTEGRATION TYPE	9
5.1. Bank data acquisition on the payment gateway	9
5.2. Card type selection on the merchant website	
5.3. Payment page integrated into the checkout flow (iframe mode)	
5.4. Payment fields embedded on the merchant website (REST API)	11
5.5. Smartform embedded on the merchant website (REST API)	
5.6. Extended Smartform embedded on the merchant website with logos (API REST)	
5.7. Extended Smartform embedded on the merchant website without logos (REST API)	13
6. QUICK MODULE CONFIGURATION	14
6.1. Knowing your integration	
6.2. Integrating the redirection	15
6.2.1. Configuring the shop	15
6.2.2. Configuring the Instant Payment Notification URL	16
6.2.3. Testing the payment on your website	17
6.2.4. Going into PRODUCTION	17
6.3. Integrating the embedded payment	
6.3.1. Configuring the shop	
6.3.2. Configuring the Instant Payment Notification URL	19
6.3.3. Testing the payment on your website	20
6.3.4. Going into PRODUCTION	
7. DETAILED PARAMETERS OF THE PAYMENT MODULE	
7.1. Configuring the module in multi-shop mode	21
7.2. Integrating the buyer wallet on Prestashop	21
7.3. Making a refund via Prestashop	22
7.4. Redirection problem on return page	23
7.5. Description of all parameters	
7.6. Instant Payment Notification URL	35
7.6.1. Notification URL definitions	36

7.6.2. T	Testing the notification URL	37
8. OBTAINING I	HELP	38

1. RELEASE NOTES

To follow all the developments in the payment module :

https://docs.lyra.com/en/collect/plugins/#prestashop

This information is also available from the payment module:

- 1. Download the module from our online documentation archive.
- 2. Open the previously downloaded payment module.
- 3. Go to the lyra folder.
- 4. Open the CHANGELOG.md file.

This document and its contents are confidential. It is not legally binding. Any reproduction and / or distribution of all or part of this document or its content to a third party is strictly prohibited or subject to prior written authorization from Lyra Collect. All rights reserved.

2. MODULE FEATURES

Payment types	
Immediate payment	v
Deferred payment	0
Payment in installments	Ø
Payment by token*	0
Payment by wallet*	0

Bank card data entry	
Redirection	9
I-frame	0
Embedded payment (classic)*	0
Embedded payment (smartForm)*	0
Web Service*	8

Payment operations via PrestaShop	
Cancellation*	9
Refund*	0
Modification*	S
Validation*	8
Duplication*	8

Compatibility with PrestaShop	
PrestaShop 8	
PrestaShop 1.7	0
PrestaShop 1.6	0
PrestaShop 1.5	0
Multi-boutique mode	0

Payment module	
Multi language	\checkmark
Multi currency	Ø
Custom submodule	0
Automatic redirection at the end of payment	0
Custom 3DS*	0
Handling failed payments	Ø
Shopping cart Management	0

*Functionalities subject to an option.

3. PREREQUISITES

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

- Back Office PrestaShop
- Expert Back Office
- Payment module file: Lyra_PrestaShop_1.5-8.x_v1.18.x.zip

PrestaShop Back Office:

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

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

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

Expert Back Office :

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

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

Click "Other actions" and sign in to your Expert Back Office.

Payment module:

Download the module using the following URL:

https://docs.lyra.com/en/collect/plugins/#prestashop

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

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

4.1. Updating the module

From Prestashop 1.7 or 8.x:

It is not necessary to uninstall the old version to update the module anymore. Consequently, you can go directly to the next step.

From Prestashop 1.6:

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.

- 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.

4.2. Adding the payment module

The Lyra Collect payment module can be added in two ways. However, it is strongly recommended to use the first method:

Automatic installation:

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

From Prestashop 1.7 or 8.x:

- 1. Go to the Modules > 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.

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.

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.

WARNING: On Prestashop 1.7, the module must be installed for the first time from the **Back Office Prestashop**, in the event of an update, click on **Upgrade** in the **Modules** > **Module manager**.

4.3. Installing the module

From Prestashop 1.7 or 8.x:

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

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.

Via the Back Office PrestaShop:

- 1. Go to the Modules menu > Module Manager.
- 2. Search for the Lyra module.
- 3. Click on Configure.
- 4. Click on Standard payment.
- Search for the Entry mode for payment method data parameter and select the desired integration type. The different modes are described below.

5.1. Bank data acquisition on the payment gateway

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

Lyra secure	payment	Please select your payment method :
https://mysho	op.com/	CBAVisa/Mastercard American Express
Shop ID :	12345678	
Order reference :	51	
Amount :	50.00 EUR	

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

			Information for the payment
		Card number	?
https://myshop.com/		Expiry date	month ~ year ~
Shop ID : 123	345678	Security code	 (?)
Order reference :	51		SUBMIT
Amount : 50.0	00 EUR		
The address of this payment gateway prefixed with https indicate are on a secure site and you can safely pay for your purch			

The card type is selected on the merchant website:

۲	Payment by credit card VISA 🥌
	You will enter payment data after order confirmation.
	o 👥 o 🌓 o VISA
	PLACE ORDER
	TEASE ORDER

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

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

Lyra secure payment		CII VISA	Information for the payment
		Card number	
https://myshop.com/		Expiry date	month v year v
Shop ID : 1	2345678	Security code	Ø (?)
Order reference :	51		SUBMIT
Amount : 50	0.00 EUR		
The address of this payment gateway prefixed with https indic are on a secure site and you can safely pay for your pur			VISA secure sécurisé

Ο

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

Card numb	er	_
		-
Expiry date		
month	~	year
Security co	de	
	0	

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

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

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

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

Card Number	=
MM/YY	Ē
CVV	0

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

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

Amount	
€50.00	
🛫 💶 💌 🤇	VISA 🙀 +7

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

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

My Shop	×
€50.00 51	
Card Number	•
MM/YY	
cvv	0
PAY €50.00	

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

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

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

Cards	and the second se
Card Number	-
MM/YY	Ē
CVV	0
PAY €69.9	95
Other payment methods:	
PayPal	

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

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

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

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

Card Number	Ē
MM/YY	
cvv	0
PAY €69.95	
Other payment methods:	
Ҏ PayPal	

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

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

6. QUICK MODULE CONFIGURATION

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

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

NOTE: An FAQ is available in our online documentation archive, it presents the most frequently asked questions and is regularly updated. The FAQ module is available via the link - below in the **CMS** section > **PrestaShop 1.5-8.x**:

https://support.lyra.com/hc/fr

6.1. Knowing your integration

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

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

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

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

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

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

6.2.1. Configuring the shop

- Sign in to your Lyra Expert Back Office with your identifiers: https://secure.lyra.com/portal/
- 2. Go to Settings > Shop.
- 3. Click the Keys tab.
- 4. Copy your Shop ID.
- 5. Sign in to your PrestaShop Back Office.
- 6. Go to the Modules menu > Module Manager.
- 7. Search for the Lyra module.
- 8. Click on Configure.
- 9. Click on General configuration.
- 10. Paste your Shop ID to the Access to the payment gateway.
- 11. Return to the Expert Back Office.
- 12. Copy your Test key.
- 13. Return to the PrestaShop Back Office.
- 14. Paste your Test key to the Access to the payment gateway.
- 15. Return to the Expert Back Office.
- **16.** Copy your **Production key**.
- 17. Return to the PrestaShop Back Office.
- 18. Paste your Production key to the Access to the payment gateway.
- 19. Click Save.

6.2.2. Configuring the Instant Payment Notification URL

- 1. Sign in to your PrestaShop Back Office.
- 2. Go to the Modules menu > Module Manager.
- **3.** Search for the Lyra module.
- 4. Click on Configure.
- 5. Click on General configuration.
- 6. Search for ACCESS TO THE PAYMENT GATEWAY.
- 7. Copy the URL from the Instant Payment Notification URL parameter.
- 8. Sign in to the Expert Back Office Lyra: https://secure.lyra.com/portal/.
- 9. Go to Settings > Notification rules.
- 10. Double click on Instant Payment Notification URL at the end of the payment.
- **11.** Check the **Automatic retry in case of failure** box.
- 12. Search for the Instant Payment Notification URL of the API form V1, V2 section.
- 13. Paste the previously copied URL to URL to call in TEST mode and URL to call in PRODUCTION mode.

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

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

Settings	Rule conditions	0 Details				
eneral setting	gs					
	Rule re	eference*: URL de	notification à la	i fin du paiement	t	
e-mail ad	ldress(es) to notify					
		failure:				
Auto	matic retry in case	of failure:				
istant Payme	nt Notification URL	of the API form V1,	V2			
The URLs mu	ust be reachable from	our servers.				
	URL t	o notify in TEST mo	de: https:// ¥			
		n PRODUCTION mo	nups://		~~~~~~	
	UKL to notiry I	n PRODUCTION mo	ide: http:// ¥			
EST API Insta	nt Payment Notific	ation URL				
The URLs mu	ust be reachable from	our servers.				
Targe	et URL of the IPN t	o notify in TEST mo	de: http:// ¥	1		۲
	the IDN to petify i	BRODUCTION m	incep.i//			
Except LIDI of	the ten to notiry i	IN PRODUCTION INC	http://	ul		۲
Target URL of						

14. Click Save.

- 15. Double click on Instant Payment Notification URL on cancellation.
- **16.** Carry out the same operation from step 11 to step 14.
- 17. Double click on Instant Payment Notification URL on batch authorization.
- **18.** Carry out the same operation from step 11 to step 14.
- 19. Double click on Instant Payment Notification URL on batch change.
- **20.** Carry out the same operation from step 11 to step 14.
- 21. Double click on Instant Payment Notification URL on an operation coming from the Back Office.
- **22.** Carry out the same operation from step 11 to step 14.
- **23.** If the configured rules are marked by a red cross, select the rule and click on the **Enable the rule** button at the bottom of the screen.

6.2.3. Testing the payment on your website

To make a test payment:

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

6.2.4. Going into PRODUCTION

To go into PRODUCTION via the redirection :

- 1. Sign in via Expert Back Office Lyra.
- 2. Go to Settings > Shop then click on the Keys tab.
- **3.** Copy the production key.
- 4. Sign in to your PrestaShop Back Office.
- 5. Go to the General configuration of the Lyra payment module.
- 6. Replace the existing production key with the previously copied key.
- 7. Switch the Mode parameter to PRODUCTION and save the changes.
- 8. You shop can now receive real payments.

6.3. Integrating the embedded payment

WARNING: SEPA Direct Debit is not compatible with the smartForm integration mode.

6.3.1. Configuring the shop

- Sign in to your Lyra Expert Back Office with your identifiers: https://secure.lyra.com/portal/
- 2. Go to Settings > Shop.
- 3. Click the Keys tab.
- 4. Copy your Shop ID.
- 5. Sign in to your PrestaShop Back Office.
- 6. Go to the Modules menu > Module Manager.
- 7. Search for the Lyra module.
- 8. Click on Configure.
- 9. Click on General configuration.
- 10. Paste your Shop ID to the Access to the payment gateway.
- 11. Return to the Expert Back Office.
- 12. Copy your Test key.
- 13. Return to the PrestaShop Back Office.
- 14. Paste your Test key to the Access to the payment gateway.
- 15. Return to the Expert Back Office.
- 16. Copy your Production key.
- 17. Return to the PrestaShop Back Office.
- 18. Paste your Production key to the Access to the payment gateway.
- 19. Return to the Expert Back Office.
- 20. Click on API REST Keys tab.
- 21. Copy your Test password.
- 22. Return to the PrestaShop Back Office.
- 23. Paste your Test password to REST API keys.
- 24. Follow the same steps for the Public test key and HMAC-SHA-256 test key parameters.
- 25. Follow the same steps for the Production password, Public production key and HMAC-SHA-256 test key parameters.
- 26. Click Save changes.

6.3.2. Configuring the Instant Payment Notification URL

- 1. Sign in to your PrestaShop Back Office.
- 2. Go to the Modules menu > Module Manager.
- **3.** Search for the Lyra module.
- 4. Click on Configure.
- 5. Click on General configuration.
- 6. Search for REST API keys section.
- 7. Copy the URL from the REST API Instant Payment Notification URL parameter.
- 8. Sign in to the Expert Back Office Lyra: https://secure.lyra.com/portal/.
- 9. Go to Settings > Notification rules.
- 10. Double click on Instant Payment Notification URL at the end of the payment.
- **11.** Check the **Automatic retry in case of failure** box.
- 12. Search for the REST API Instant Payment Notification URL part.
- 13. Paste the previously copied URL to Target URL of the IPN to call in TEST mode and Target URL of the IPN to call in PRODUCTION mode.

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

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

🐉 Settings 🍡	Rule conditions	1 Details	
General setti	ngs	1	
	Rule re	ference*: URI	de notification à la fin du paiement
e-mail a	ddress(es) to notify		
		failure:	
Aut	omatic retry in case	of failure: 🗌	
Instant Paym	ent Notification URL	of the API form	1 1/2
and the second of the	nust be reachable from (4) = E.
-			
	URL to	notify in TEST	node: https:// 👻
	URL to notify in	PRODUCTION	node: http://
	tant Payment Notific		
A The URLs n	nust be reachable from (our servers.	
Tan	get URL of the IPN to	notify in TEST	node: http:// 👻
Target URL of	of the IPN to notify in	PRODUCTION	node: http:// 💌
			· · · · · · · · · · · · · · · · · · ·
			Save X Close

14. Click Save.

- 15. Double click on Instant Payment Notification URL on cancellation.
- **16.** Carry out the same operation from step 11 to step 14.
- 17. Double click on Instant Payment Notification URL on batch authorization.
- **18.** Carry out the same operation from step 11 to step 14.
- 19. Double click on Instant Payment Notification URL on batch change.
- **20.** Carry out the same operation from step 11 to step 14.
- 21. Double click on Instant Payment Notification URL on an operation coming from the Back Office.
- 22. Carry out the same operation from step 11 to step 14.
- 23. If the configured rules are marked by a red cross, select the rule and click on the **Enable the rule** button at the bottom of the screen.

6.3.3. Testing the payment on your website

To make a test payment:

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

6.3.4. Going into PRODUCTION

To go into PRODUCTION via the redirection :

- 1. Sign in from the Lyra Expert Back Office.
- 2. Go to Settings > Shop then click on the API REST Keys tab.
- 3. Copy the Production password and the HMAC-SHA-256 production key displayed on the screen.
- 4. Sign in to your PrestaShop Back Office.
- 5. Go to the General configuration of the Lyra payment module.
- 6. Paste the 2 parameters previously copied to the Production password and HMAC-SHA-256 production key.
- 7. Return to Expert Back Office and click the Keys tab.
- 8. Copy the Production key.
- 9. Return to the PrestaShop Back Office.
- 10. Look for the Access to the payment gateway section, then paste in your Production Key.
- 11. Switch the Mode parameter to PRODUCTION and save the changes.
- **12.** You shop can now receive real payments.

7. DETAILED PARAMETERS OF THE PAYMENT MODULE

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

NOTE: An FAQ is available in our online documentation archive, it presents the most frequently asked questions and is regularly updated. The FAQ module is available via the link - below in the **CMS** section > **PrestaShop 1.5-8.x**:

https://support.lyra.com/hc/fr

7.1. Configuring the module in multi-shop mode

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 , the name and the shop URL in **General configuration**.

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.

7.2. Integrating the buyer wallet on Prestashop

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

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

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

To integrate the buyer wallet:

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

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

- 1. Sign in to the Expert Back Office.
- 2. Go to Settings > Company.
- 3. Click the Subscription, token and wallet tab.
- 4. Search for **Buyer wallet parameter**.
- **5.** By checking the **Logical removal of the token by the buyer** box, the buyer can freely terminate his aliases. If the box is unchecked, a message will be displayed to the buyer requesting cancellation from the merchant.
- 6. Click the Save button at the bottom of the screen.

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

7.3. Making a refund via Prestashop

WARNING: Your shop must have the **REST Web Services** option activated to be allowed to perform a refund from your CMS.

Before performing a refund, make sure - you have properly configured the **REST API keys** section in the **General Configuration** menu of the payment module.

To perform a refund operation from your CMS Back Office:

- 1. Go to the Order Settings > Order Settings menu of the Prestashop Back Office.
- 2. Select the order that you would like to refund.

Making a partial refund:

1. Click Partial refund or Standard refund.

The **Standard refund** button appears only if **Enable Returns** has been activated (**Customer service > Merchandise Returns** menu).

- 2. Select the quantity of products (check the box if necessary) and/or the amount to be refunded.
- 3. Make sure the box Generate a credit slip is checked. If it is not already checked, check the box.
- 4. Check the box Refund the buyer by Web Services with Lyra.
- 5. Click Partial refund.

The order status remains the same until the order is fully refunded.

Making a total refund:

- 1. Modify the order status with the help of the dropdown list.
- 2. Select the Refunded with Lyra status.
- 3. Click Update status.

If product returns are enabled, you can also refund the order like this:

- Click Standard refund.
- Check the quantity box for ALL items.
- Check the **Delivery** box if available.
- Make sure the box Generate a credit slip is checked. If it is not already checked, check the box.
- Check the box Refund the buyer by Web Services with Lyra.
- Click Standard refund.

The order status changes to Refunded with Lyra.

7.4. Redirection problem on return page

Since version 1.7 of Prestashop, the feature *Cookie SameSite* causes a loss of session on return when POST mode is activated.

2 solutions exist to solve your problem:

Change return mode to GET

To change the return mode :

- 1. Sign in to your PrestaShop Back Office.
- 2. Go to the Modules menu > Module Manager.
- 3. Search for the Lyra module.
- 4. Click on Configure.
- 5. Click on General configuration.
- 6. Search for Return to shop.
- 7. Select GET in the Return mode parameter.
- 8. Click Save.

Disable Cookie SameSite

If you wish to keep the POST return mode, make the following change:

- 1. Sign in to your PrestaShop Back Office.
- 2. Go to Shop settings > General settings.
- 3. Set Enable SSL to Yes.
- 4. Set Enable SSL on the whole website to Yes.
- 5. Click Save.
- 6. Go to Advanced parameters > Administration.
- 7. ConfiguringCookie SameSiteto None.
- 8. Click Save.

7.5. Description of all parameters

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). For more information, see the chapter and the sub-chapters on Configuring the notification URL.		
Payment page URL	This field is pre-populated by default: https://secure.lyra.com/vads- payment/		

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

REST API keys		
	The public key is available via your Expert Back Office (Menu: Settings > Shops > REST API keys).	
Public production key	The production public key be must be filled in if you use the embedded payment fields, such as Card data entry mode . The public key is available via your Expert Back Office (Menu: Settings > Shops > REST API keys).	
HMAC-SHA-256 test key	The test HMAC-SHA256 key must be filled in if you use the embedded payment fields, such as the Card data entry mode . The HMAC-SHA-256 key is available from your Expert Back Office (Menu: Settings > Shops > REST API keys).	
HMAC-SHA-256 production key	The production HMAC-SHA256 key must be filled in if you use the embedded payment fields, such as the Card data entry mode . The HMAC-SHA-256 key is available from your 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). For more information, see the chapter and the sub-chapters on Configuring the notification URL.	
JavaScript client URL	This field is pre-populated by default: https://static.lyra.com/static/ It is recommended to leave the default value.	

	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".
Available languages	 Allows to customize the language displayed on the payment page. The buyer will be able to select a language when he or she is redirected to the payment page. If you do not select any language, all languages will be displayed on the payment page. To select a language, press and hold the "Ctrl" key and click on the desired languages. <u>Available languages</u>: German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	Indicates the delay (in days) before the capture. By default, this parameter can be configured 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 bankautomatically without any action on the merchant's part.Manual:

Payment page	
	This value indicates that the transactions will require manual validation by the merchant via the Expert Back Office.
	<u>Warning</u> : if the transaction is not validated by the merchant before the expiration date of the authorization request, it will never be captured in the bank.
	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 have created several models in the Expert Back Office, enter for example: RESPONSIVE_MODEL=Model_2 if you want to use the design of your "Model_2". Warning: Some 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 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 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.

Custom 3DS	
Configure 3DS by client group	Allows to request authentication without interaction (frictionless). Requires the option Frictionless 3DS2
	• For payments made in euro, if the amount is lower than €30, a request for frictionless is transmitted to the DS. If the request for frictionless is accepted by the issuer, the merchant loses the payment guarantee.
	• For payments made in euros, if the amount is greater than €30, the value transmitted by the merchant is ignored and the management of cardholder authentication is delegated to the gateway.
	• For payments made in a currency other than euro, a request for frictionless is transmitted to the DS.
	This parameter can de configured by user group.

Return to shop	
Automatic redirection	This option allows to automatically redirect the buyer to the merchant website. This option depends on the following settings. This option is disabled by default.
Time before redirection (success)	If the automatic redirection option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a successful payment.
Message before redirection (success)	If the automatic redirection option is enabled, you can define the message that will appear on the screen following a successful payment before your buyer is redirected to the shop. The default message is: "Redirection to the shop in a moment".

Return to shop	
Time before redirection (failure)	If the automatic redirection option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a failed payment.
Message before redirection (failure)	If the automatic redirection option is enabled, you can define the message that will appear on the screen following a failed payment before your buyer is redirected to the shop. The default message is: "Redirection to the shop in a moment".
Return mode	During the redirection to the shop, these parameters are returned to the shop in POST or GET modes. The GET mode is set by default. WARNING : POST mode can cause problems when redirecting to the return page. See the article <i>Redirection problem on return page</i> for more information.
Handling failed payments	Configuration of the module behavior in case of a failed payment: Two options are available:
	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 empty cart option in order to avoid differences in the amount in case the buyer returns to the previous page, edits the shopping cart, and returns to the payment page. In that case, the shopping cart will be emptied, but if the payment is canceled or 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.
Customer service messages	Enable or disable the comments added by the payment module in the after-sales service messages. This setting is enabled by default.

Additional options	
Send shopping cart details	Select Activate if you wish to send the shopping cart details to the payment gateway. For some payment methods, such as Oney 3x 4x and PayPal, this data is required. In this case, the cart data will be sent anyway, even if the parameter is disabled.
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: • 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

	Additional options	
Send advanced shipping details	Select "No" if you do not want to send advanced shipping details for each payment (delivery company, type, shipping speed).	
Payment method title	The payment module will automatically detect all the available transporters on your website.	
Last name	Defines the name 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.	
Туре	Allows to choose the type of transporter from the following options: Delivery company: Transporters (La Poste, Colissimo, UPS, DHL, etc.) Store pick-up: Item pickup directly from the merchant. Relay point: Use of a network of delivery points (Kiala, Alveol, etc.) Pick-up at a station: Item pickup at an airport, a train station or a travel agency.	
Speed	Shipping speed: Express (less than 24h) or standard. Standard Priority (reserved to Click & Collect)	
Delay	In case of picking up the item at the shop (Click & Collect) with priority delivery, select the delivery delay from the following options: ≤ 1 hour > 1 hour Immediate 24/7	
Address	In case of in-store pickup, populate this field as follows: Address + ZIP Code + City	

Module option	
Activation	In order to enable the payment method, select Enabled .
Payment method title	This option allows you to define the title of the payment method. The buyer will see this title when choosing a payment method. If your shop is available in several languages, a drop-down list will appear to the right of the method title. Changing the language allows you to enter a different title in each language.

Restrictions	
Supported countries	 Configure the countries for which the payment method is available: All countries: the payment method is available for all countries. Specific countries: after choosing this option, the list of Authorized countries appears. Press and hold "Ctrl" and select the countries of your choice from the list of Authorized countries.
Minimum amount	This field defines the minimum amount for which you wish to offer this payment method.

Restrictions	
	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 for 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 of the module: 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 data entry mode	This parameter setting is described in the chapter on Choosing the integration type in the documentation.
Canceling payment in iframe mode	By selecting Yes , the buyer will see a cancel button in the iframe to cancel their payment.
Display in a pop-in	Select Yes to display embedded payment fields in a pop-up window.
Theme	Choose the theme you would like to use to display the embedded payment fields.

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

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

Payment options	
	This module allows you to create as many credit card installment payment options as you like.

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

Oney payment options	
Add	Click the Add button to configure payment options. This configuration is required for the Oney payment method to work.
Label	Enter the label of the option that will be displayed during checkout.
Code	Enter the technical code provided byOney(example: PNF3P).
Payment method	 Activate the payment method for your Oney contract: Payment in 3 or 4 installments. Payment in 10 or 12 installments. Pay Later Oney.
Minimum amount	Enter the minimum amount for which this option can be used.
Maximum amount	Enter the maximum amount for which this option can be used.
Number	Enter the number of installments (3 for a payment in 3 installments, etc.).

Oney payment options	
Interest rate	Indicate the interest rate applied to the payments. The indicated value is used only for option label customization.

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

	Full CB payment options
Enable option selection	Select Yes if you wish to force the use of a payment option available with your contractFull CB. This option is set to No by default.
Activation	Check the box to enable the payment method.
Label	Enter the label of the option that will be displayed during checkout. The default values are:
	Payment in 3 installments
	Payment in 4 installments
Minimum amount	Enter the minimum amount for each option.
Maximum amount	Fill the maximum amount for each option.
Interest rate	Indicate the interest rate applied to the payments.The default values are:1.4 for payment in 3 installments.
	• 2.1 for payment in 4 installments.
Fee cap	Indicate the payment option fee limit. Default values:
	• 9 for payment in 3 installments.

Full CB payment options
• 12 for payment in 4 installments.

SEPA payment options	
SEPA direct debit mode	Select the SEPA direct debit mode:
	 One-off SEPA direct debit: The signed mandate applies to a single direct debit.
	• Register a recurring SEPA mandate with direct debit: The signed mandate allows for a series of direct debits, a payment is created when the mandate is registered.
	 Register a recurring SEPA mandate without direct debit: The signed mandate allows for a series of direct debits, no payments are created when the mandate is registered.
	This mode is set to One-Off SEPA direct debit by default. The Payment by identifier option must be enabled for your shop if you want to use the second and third cases.

Other payment methods	
Group payment methods	By enabling this option, all the payment methods added in this section will be displayed within the same payment submodule. Otherwise, each payment method will be represented in a different submodule. This parameter is set to Disabled by default.
Label	Text describing the payment option as it will be offered to the buyer. The label will be displayed only if the Group payment methods option is disabled . Example: Pay via Bancontact If your shop supports several languages, you can also define the label of the payment method for each language.
Payment method	Choose the payment method you would like to offer.
Authorized countries	Select the country that you would like to authorize for the selected payment method. If no countries are selected from the list, all countries will be authorized. Hold down the Ctrl key to select or deselect several countries.
Minimum amount	This field defines the minimum amount for which you wish to offer this payment method.
Maximum amount	This field defines the maximum amount for which you do not wish to offer this payment method.
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. <u>General configuration of the module:</u> Recommended value. Allows to apply the configuration defined in the General configuration section. <u>Back Office configuration:</u> Allows to use the configuration defined in the Expert Back Office (menu: Settings > Shop > Configuration – section: validation mode)

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

7.6. Instant Payment Notification URL

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

To access notification rule management:

- 1. Sign in to: https://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		
	Enabled 🔻	Reference
×		Instant Payment Notification URL on batch authorization
V		Instant Payment Notification URL at the end of the payment
×		Instant Payment Notification URL on batch change
×		Instant Payment Notification URL on cancellation
×		Instant Payment Notification URL on an operation coming from the Back Office

Figure 1: Notification rules

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

- Instant Payment Notification URL at the end of the payment
- Instant Payment Notification URL on cancellation
- 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

7.6.1. Notification URL definitions

Instant Payment Notification URL at the end of the payment :

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

In your 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.

Instant Payment Notification URL on cancellation :

The payment gateway can systematically notify the merchant website:

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

The maximum length of a payment session is 10 minutes.

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

Instant Payment Notification URL 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 by the **Instant Payment Notification URL on batch authorization** rule.

Instant Payment Notification URL on batch change :

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

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

If you propose the **SEPA** payment method, **you must activate this rule** so that your merchant site is notified of the translation's final status.

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

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

By setting this URL, the payment gateway can systematically notify the merchant website if the following operations are performed via the Expert Back Office:

- Cancel
- Refund
- Validate
- Modify

7.6.2. Testing the notification URL

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

- 1. Make sure that your URL is available online: your shop must neither be in maintenance mode nor be protected by an .htaccess file.
- 2. Make sure that your notification URL is available without any redirection.
 - a. To do this, paste your notification URL to the address bar of your browser and launch the search.
 - b. Make sure your URL did not change.

If your URL has changed, for example from "*http*" to "*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.
- 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. OBTAINING HELP

Looking for help? See our FAQ:

https://support.lyra.com/hc/fr

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

To help us process your demands, please have your customer code ready (e.g.: **CLXXXXX, MKXXXXX** or **AGXXXXX**). This information is available in the Merchant Back Office top of menu.