



**COLLECTING SOLUTION**

## **Integrate Lyra on Sylius**

Document version 1.3

# Contents

<b>1. RELEASE NOTES.....</b>	<b>4</b>
<b>2. MODULE FEATURES.....</b>	<b>5</b>
<b>3. PREREQUISITES.....</b>	<b>6</b>
<b>4. INSTALLING THE PAYMENT MODULE.....</b>	<b>7</b>
4.1. Installation via composer.....	7
4.1.1. Adding the module.....	7
4.1.2. First installation.....	7
4.1.3. Installing the templates.....	8
4.1.4. Installing the translations.....	8
4.2. Installation via zip file.....	9
4.2.1. Adding the module.....	9
4.2.2. First installation.....	9
4.2.3. Installing the templates.....	10
4.2.4. Installing the translations.....	10
4.3. Create the payment method.....	10
<b>5. CHOOSING THE INTEGRATION TYPE.....</b>	<b>12</b>
5.1. Smartform embedded on the merchant website (REST API).....	12
5.2. Extended Smartform embedded on the merchant website with logos (API REST).....	13
5.3. Extended Smartform embedded on the merchant website without logos (REST API).....	13
<b>6. QUICK MODULE CONFIGURATION.....</b>	<b>14</b>
6.1. Configuring the shop.....	14
6.2. Configuring the Instant Payment Notification URL.....	14
6.3. Testing the payment on your website.....	15
6.4. Going into PRODUCTION.....	16
<b>7. OTHER AVAILABLE FEATURES.....</b>	<b>17</b>
7.1. Integrating the buyer wallet.....	17
7.2. Cancel or refund via Sylius.....	18
<b>8. ADDITIONAL INFORMATION ABOUT THE MODULE.....</b>	<b>19</b>
8.1. Uninstall module via the composer.....	19
8.2. Uninstall module via ZIP file.....	19
8.3. Description of all parameters.....	20
8.4. Instant Payment Notification URL.....	23
8.4.1. Notification URL definitions.....	23
8.4.2. Configuration of Instant Payment Notification URLs.....	25



## 1. RELEASE NOTES

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To follow all the developments in the payment module :

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

## 2. MODULE FEATURES

**WARNING:** SEPA Direct Debit is not compatible with the module.

Payment types	
Immediate payment	✓
Deferred payment	✓
Payment in installments	✗
Payment by token*	✓
Payment by wallet*	✓

Bank card data entry	
Redirection	✗
I-frame	✗
Embedded payment (smartForm)*	✓
Web Service*	✗

Payment operations via Sylius	
Cancellation*	✓
Refund*	✓
Modification*	✗
Validation*	✗
Duplication*	✗

Compatibility with Sylius	
Sylius 12	✓
Mode multi canaux	✓

Payment module	
Multi language	✓
Multi currency	✓
3D Secure	✓

\*Functionalities subject to an option.

### 3. PREREQUISITES

---

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

- **Back Office Sylius**
- **Expert Back Office**
- **Payment module file:** Lyra\_Sylius\_12.x\_v1.3.x.zip

#### **Sylius 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/#sylius>

**WARNING:** All our payment modules are tested with a minimal PHP version, this version can be 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. INSTALLING THE PAYMENT MODULE

---

There are two installation modes, choose the one that suits you best:

- Installation via the composer (recommended).
- Installation with the zip file.

### 4.1. Installation via composer

---

#### 4.1.1. Adding the module

To add the module from the composer:

1. Open the terminal from the root of your website.
2. Enter the following command and then press Enter:

```
composer require lyranetwork/sylius-lyranetwork-plugin dev-lyra
```

#### 4.1.2. First installation

If you are installing the payment module for the first time:

1. Open the **bundles.php** file in your site's **config** directory.
2. Add the line below:

```
Lyranetwork\Lyra\LyranetworkLyraPlugin::class => ['all' => true],
```

This line must be added before the last line:

```
];
```

3. Open the **routes.yaml** file in your site's **config** directory.
4. Add the 2 lines below to the end of the file:

```
sylius_lyra:  
  resource: "@LyranetworkLyraPlugin/Resources/config/routing.yaml"
```

**IMPORTANT:** sylius and resource must be aligned.

5. Open the **\_sylius.yaml** file in the directory **config/packages** of your site.
6. Add the code below:

```
winzou_state_machine:  
  sylius_payment:  
    callbacks:  
      after:  
        custom_action:  
          on: ["process", "authorize", "complete"]  
          do: ["@lyranetworklyra.order_service", "sendConfirmationEmail"]  
          args: ["object"]
```

7. Open the **services.yaml** file in your site's **config** directory.
8. Add the code below:

```
services:  
[...]  
  lyranetworklyra.order_service:  
    class: Lyranetwork\Lyra\Service\OrderService  
    public: true
```

9. Open the terminal from the root of your website.
10. Enter the following command and then press Enter:

```
composer dump-autoload
```

### 4.1.3. Installing the templates

**WARNING:** If you've already replaced one of the files below, you'll need to merge it with ours. You'll find these files in the `LyranetworkLyra/Resources/views/bundles/` directory.

```
SyliusAdminBundle\PaymentMethod\_form.html.twig  
SyliusAdminBundle\OrderShow\_payment.html.twig  
SyliusShopBundle\Checkout\SelectPayment\_choice.html.twig  
SyliusUiBundle\Form\theme.html.twig
```

If you have not modified these:

1. Open the terminal from the root of your website.
2. Enter the following command and then press Enter:

```
cp -R vendor/lyranetwork/sylius-lyranetwork-plugin/LyranetworkLyra/Resources/views/bundles/  
* templates/bundles/
```

### 4.1.4. Installing the translations

In order to configure the payment module:

1. Open the terminal from the root of your website.
2. Enter the following commands and then press Enter:

```
php bin/console translation:extract en LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract fr LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract es LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract de LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract pt LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract br LyranetworkLyraPlugin --dump-messages
```

```
php bin/console cache:clear
```

## 4.2. Installation via zip file

---

### 4.2.1. Adding the module

To add the Lyra payment module:

1. Unzip the **Lyra\_Sylius\_12.x\_v1.3.x.zip** module
2. Copy the **LyranetworkLyra** folder at the root of your website.
3. Open the **composer.json** folder at the root of your website.
4. Search for the following code:

```
"autoload": {
  "psr-4": {
    "App\\": "src/"
  }
},
```

Add the line as follows:

```
"autoload": {
  "psr-4": {
    "App\\": "src/",
    "Lyranetwork\\Lyra\\": "LyranetworkLyra/src/"
  }
},
```

Do not forget to add a comma at the end of the previous line.

### 4.2.2. First installation

If you are installing the payment module for the first time:

1. Open the **bundles.php** file in your site's **config** directory.
2. Add the line below:

```
Lyranetwork\\Lyra\\LyranetworkLyraPlugin::class => ['all' => true],
```

This line must be added before the last line:

```
];
```

3. Open the **routes.yaml** file in your site's **config** directory.
4. Add the 2 lines below to the end of the file:

```
sylius_lyra:
  resource: "@LyranetworkLyraPlugin/Resources/config/routing.yaml"
```

**IMPORTANT:** sylius and resource must be aligned.

5. Open the **\_sylius.yaml** file in the directory **config/packages** of your site.
6. Add the code below:

```
winzou_state_machine:
  sylius_payment:
    callbacks:
      after:
        custom_action:
          on: ["process", "authorize", "complete"]
          do: ["@lyranetworklyra.order_service", "sendConfirmationEmail"]
          args: ["object"]
```

7. Open the **services.yaml** file in your site's **config** directory.

8. Add the code below:

```
services:
[... ]
    lyranetworklyra.order_service:
        class: Lyranetwork\Lyra\Service\OrderService
        public: true
```

9. Open the terminal from the root of your website.

10. Enter the following command and then press Enter:

```
composer dump-autoload
```

### 4.2.3. Installing the templates

**WARNING:** If you've already replaced one of the files below, you'll need to merge it with ours. You'll find these files in the `LyranetworkLyra/Resources/views/bundles/` directory.

```
SyliusAdminBundle\PaymentMethod\_form.html.twig
SyliusAdminBundle\OrderShow\_payment.html.twig
SyliusShopBundle\Checkout\SelectPayment\_choice.html.twig
SyliusUiBundle\Form\theme.html.twig
```

If you have not modified these:

1. Open the terminal from the root of your website.
2. Enter the following command and then press Enter:

```
cp -R LyranetworkLyra/Resources/views/bundles/* templates/bundles/
```

### 4.2.4. Installing the translations

In order to configure the payment module:

1. Open the terminal from the root of your website.
2. Enter the following commands and then press Enter:

```
php bin/console translation:extract en LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract fr LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract es LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract de LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract pt LyranetworkLyraPlugin --dump-messages
```

```
php bin/console translation:extract br LyranetworkLyraPlugin --dump-messages
```

```
php bin/console cache:clear
```

## 4.3. Create the payment method

---

If you make an update, the installation and configuration of the module are complete.

If this is your first installation, you must create the Lyra payment method:

1. Sign in to the **Sylius Back Office**.
2. Go to the **Payment methods** menu.

- 3.** Click + **Create**.
- 4.** Click on **Payment by Lyra**.
- 5.** Enter the **Code**.  
Example: Lyra.
- 6.** Select the channel for which you wish to enable the payment mode.
- 7.** Enter the **Name** of the payment method, this name will appear when the buyer chooses their payment method.  
Example: Pay with Lyra.
- 8.** Click + **Create**.

**IMPORTANT:** several payment methods can be created. However, it is not possible to enable several payment methods within the same channel.

## 5. CHOOSING THE INTEGRATION TYPE

---

Via the **Sylius Back Office**:

1. Go to the **Payment methods** menu.
2. Search for the **Lyra** payment method.
3. Click the **Edit** button.
4. Search for the **Entry mode for payment method data** parameter and select the desired integration type.  
The different modes are described below.

### 5.1. Smartform embedded on the merchant website (REST API)

---

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

 Payment by credit card

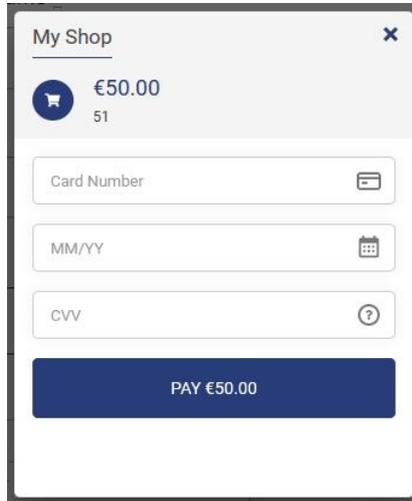
Card Number 

MM/YY 

CVV 

[Click on 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 

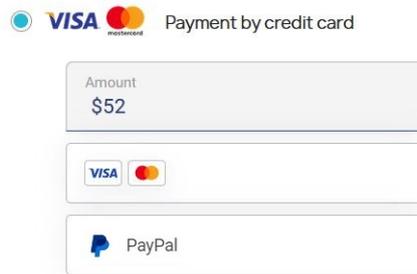
CVV 

**PAY €50.00**

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

## 5.2. 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.



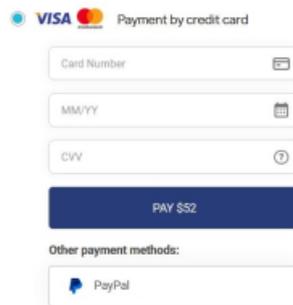
The screenshot shows a payment interface titled "Payment by credit card" with VISA and Mastercard logos. It features three stacked input fields: the top one is labeled "Amount" and contains "\$52"; the middle one contains VISA and Mastercard logos; the bottom one contains the PayPal logo and the text "PayPal".

[Click on this link](#) to see the payment methods compatible with the Smartform.

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

## 5.3. 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.



The screenshot shows a payment interface titled "Payment by credit card" with VISA and Mastercard logos. It features three stacked input fields: "Card Number" with a card icon, "MM/YY" with a calendar icon, and "CVV" with a circular icon. Below these is a dark blue button labeled "PAY \$52". Underneath, the text "Other payment methods:" is followed by a field containing the PayPal logo and the text "PayPal".

[Click on this link](#) to see the payment methods compatible with the Smartform.

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

## 6. QUICK MODULE CONFIGURATION

---

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

If you want to learn more about the module, feel free to consult the following chapters.

**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 > **Sylius 12.x**:

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

### 6.1. Configuring the shop

---

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

1. Log in to the **Expert Back Office**, via le **Marchant Back Office Lyra** with your identifiers :  
<https://secure.lyra.com/portal/>  
Click **Other actions** and then click on the **Expert Back Office** button.
2. Go to **Settings > Shop**.
3. Click the **Keys** tab.
4. Copy your **Shop ID**.
5. Sign in to the **Sylius Back Office**.
6. Go to the **Payment methods** menu.
7. Search for the **Lyra** payment method.
8. Click the **Edit** button.
9. Paste your **Shop ID** into the **Shop ID** parameter.
10. Return to the **Expert Back Office**.
11. Click on **API REST Keys** tab.
12. Copy your **Test password**.
13. Return to the **Sylius Back Office**.
14. Paste your **Test password** to **REST API keys**.
15. Follow the same steps for the **Public test key** and **HMAC-SHA-256 test key** parameters.
16. Follow the same steps for the **Production password**, **Public production key** and **HMAC-SHA-256 test key** parameters.
17. Click **Save changes**.

### 6.2. Configuring the Instant Payment Notification URL

---

1. Sign in to the **Sylius Back Office**.
2. Go to the **Payment methods** menu.
3. Search for the **Lyra** payment method.
4. Click the **Edit** button.
5. Search for **REST API keys** section.
6. Copy the URL from the **REST API Instant Payment Notification URL** parameter.
7. Sign in to the **Expert Back Office Lyra**: <https://secure.lyra.com/portal/>.

8. Go to **Settings > Notification rules**.
9. Double click on **Instant Payment Notification URL at the end of the payment**.
10. Check the **Automatic retry in case of failure** box.
11. Search for the **REST API Instant Payment Notification URL** part.
12. Paste the previously copied URL to **Target URL of the IPN to call in TEST mode** and **Target URL of the IPN to call in PRODUCTION mode**.

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

`https://www.your-domain.com/lyra/rest/ipn`

13. Click **Save**.
14. Double click on **Instant Payment Notification URL on cancellation**.
15. Carry out the same operation from step 10 to step 13.
16. Double click on **Instant Payment Notification URL on batch change**.
17. Carry out the same operation from step 10 to step 13.
18. Double click on **Instant Payment Notification URL on an operation coming from the Back Office**.
19. Carry out the same operation from step 10 to step 13.
20. 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. 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 Sylius Back Office.

## 6.4. Going into PRODUCTION

---

To go into PRODUCTION via the embedded payment :

1. Log in to the **Expert Back Office**, via le **Marchant Back Office Lyra** with your identifiers :  
<https://secure.lyra.com/portal/>  
Click **Other actions** and then click on the **Expert Back Office** button.
2. Go to **Settings > Shop**.
3. Click on **API REST Keys** tab.
4. Click **Generate the password and the HMAC-SHA-256 production key**, then click **Yes** to confirm.
5. Copy the value of the **Production password** displayed on the screen.
6. Open another tab in your browser.
7. Sign in to your **Sylius Back Office**.
8. Paste your password into the **Production password** parameter.
9. Return to the **Expert Back Office**.
10. Copy the value of the **Production Public Key** displayed on the screen.
11. Return to the **Sylius Back Office**.
12. Paste your key to the **Production Public Key** parameter.
13. Return to the **Expert Back Office**.
14. Copy the value of the **Production HMAC-SHA-256 Key** displayed on the screen.
15. Return to the **Sylius Back Office**.
16. Paste your key to the **Production HMAC-SHA-256 Key** parameter.
17. Return to the **Expert Back Office**.
18. Click the **Keys** tab.
19. Copy your **Production key**.
20. Return to the **Sylius Back Office**.
21. Paste your key to the **Production key** parameter.
22. Change the **Mode** parameter to **PRODUCTION**.
23. Save the changes.
24. You shop can now receive real payments.

## 7. OTHER AVAILABLE FEATURES

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### 7.1. Integrating the buyer wallet

---

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

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

To integrate the buyer wallet:

1. Sign in to the **Sylius Back Office**.
2. Go to the **Payment methods** menu.
3. Search for the **Lyra** payment method.
4. Click the **Edit** button.
5. Search for the **Payment by token** parameter and select **Yes**.
6. Click **Save 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.

## 7.2. Cancel or refund via Sylius

---

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

To perform a refund operation from your CMS Back Office:

1. Go to the **Orders** menu.
2. Click on the order that you would like to refund.
3. Click the **Refund** button.
4. If the payment has already been captured in the bank we will proceed to a refund.  
If the payment has not been captured in the bank we will proceed to a refund.

## 8. ADDITIONAL INFORMATION ABOUT THE 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 > **Sylius 12.x**:

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

### 8.1. Uninstall module via the composer

---

If you want to uninstall the module:

1. Open the terminal from the root of your website.
2. Enter the following command and then press Enter:

```
composer remove lyranetwork/sylius-lyranetwork-plugin
```

### 8.2. Uninstall module via ZIP file

---

If you want to uninstall the module:

1. Delete the **LyranetworkLyra** directory at the root of your site.
2. In the **composer.json** file at the root of the site, delete the line below:

```
"Lyranetwork\Lyra\": "LyranetworkLyra/src/"
```

3. In the **bundles.php** file in the **config** directory, delete the line below:

```
Lyranetwork\Lyra\LyranetworkLyraPlugin::class => ['all' => true],
```

4. In the **routes.yaml** file in the **config** directory, delete the lines below:

```
sylius_lyra:  
  resource: "@LyranetworkLyraPlugin/Resources/config/routing.yaml"
```

5. In the **\_sylius.yaml** file in the directory **config/packages**, delete the lines below:

```
winzou_state_machine:  
  sylius_payment:  
    callbacks:  
      after:  
        custom_action:  
          on: ["process", "authorize", "complete"]  
          do: ["@lyranetworklyra.order_service", "sendConfirmationEmail"]  
          args: ["object"]
```

6. In the **services.yaml** file in the directory **config**, delete the lines below:

```
services:  
  [...]  
  lyranetworklyra.order_service:  
    class: Lyranetwork\Lyra\Service\OrderService  
    public: true
```

7. Delete or remove all additions made to templates in **templates/bundles/**:

```
SyliusAdminBundle\PaymentMethod\_form.html.twig  
SyliusAdminBundle\OrderShow\_payment.html.twig  
SyliusShopBundle\Checkout\SelectPayment\_choice.html.twig  
SyliusUiBundle\Form\theme.html.twig
```

8. Open the terminal from the root of your website.

## 9. Enter the commands below:

```
composer dump-autoload
```

```
php bin/console cache:clear
```

## 8.3. Description of all parameters

Details	
<b>Position</b>	If you offer several payment methods enter a number in the <b>Position</b> field to determine the position of this payment method. If you enter 0, the payment method will appear first.
<b>Enabled ?</b>	Check the box to enable the payment method.
<b>Channels</b>	Check the channel for which you wish to enable the payment mode.

REST API keys	
<b>Shop ID</b>	Indicate the 8-digit shop ID, available in your Expert Back Office (Menu: <b>Settings &gt; Shop &gt; Keys</b> ).
<b>Mode</b>	Allows to indicate the operating mode of the module ( <b>TEST</b> or <b>PRODUCTION</b> ). The PRODUCTION mode becomes available only after the test phase has been completed. The TEST mode is always available.
<b>REST API Instant Payment Notification URL</b>	URL to copy in your Expert Back Office ( <b>Settings &gt; Notification rules &gt; Instant Payment Notification URL at the end of the payment &gt; REST API Instant Payment Notification URL</b> menu). For more information, see the chapter and the sub-chapters on <b>Configuring the notification URL</b> .
<b>Test password</b>	Password allowing to use Web Services or embedded payment fields in test mode. The password is available in your Expert Back Office (Menu: <b>Settings &gt; Shops &gt; REST API keys</b> ).
<b>Production password</b>	Password allowing to use Web Services or embedded form in production mode. The password is available in your Expert Back Office (Menu: <b>Settings &gt; Shops &gt; REST API keys</b> ).
<b>REST API server URL</b>	This field is pre-populated by default: <a href="https://api.lyra.com/api-payment/">https://api.lyra.com/api-payment/</a> It is recommended to leave the <b>default</b> value.
<b>Public test key</b>	The test public key must be filled in if you use the embedded payment fields, such as <b>Card data entry mode</b> . The public key is available via your Expert Back Office (Menu: <b>Settings &gt; Shops &gt; REST API keys</b> ).
<b>Public production key</b>	The production public key must be filled in if you use the embedded payment fields, such as <b>Card data entry mode</b> . The public key is available via your Expert Back Office (Menu: <b>Settings &gt; Shops &gt; REST API keys</b> ).
<b>HMAC-SHA-256 test key</b>	The test HMAC-SHA-256 key must be filled in if you use the embedded payment fields, such as the <b>Card data entry mode</b> .

REST API keys	
	The HMAC-SHA-256 key is available from your Expert Back Office (Menu: <b>Settings &gt; Shops &gt; REST API keys</b> ).
<b>HMAC-SHA-256 production key</b>	The production HMAC-SHA--256 key must be filled in if you use the embedded payment fields, such as the <b>Card data entry mode</b> . The HMAC-SHA-256 key is available from your Expert Back Office (Menu: <b>Settings &gt; Shops &gt; REST API keys</b> ).
<b>JavaScript client URL</b>	This field is pre-populated by default: <a href="https://static.lyra.com/static/">https://static.lyra.com/static/</a> It is recommended to leave the <b>default</b> value.

Payment options	
<b>Capture delay</b>	Indicates the delay (in days) before the capture. By default, this parameter can be configured in your Expert Back Office (Menu: <b>Settings &gt; Shop &gt; Configuration</b> - section: Capture delay). It is recommended to not populate this parameter.
<b>Validation mode</b>	<b><i>Back Office configuration:</i></b> Recommended value. Allows to use the configuration defined in the Expert Back Office (menu: Settings > Shop > Configuration section: validation mode). <b><i>Automatic:</i></b> This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. <b><i>Manual:</i></b> This value indicates that the transactions will require manual validation by the merchant via the Expert Back Office. <b><i>Warning:</i></b> 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.

Advanced options	
<b>Card data entry mode</b>	This parameter setting is described in the chapter on <b>Choosing the integration type</b> in the documentation.
<b>Display in a pop-in</b>	Check the box to display embedded payment fields in a pop-in window.
<b>Theme</b>	Choose the theme you would like to use to display the embedded payment fields.
<b>Compact mode</b>	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.
<b>Payment attempts number</b>	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.
<b>Payment by token</b>	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 <b>disabled</b> by default. <b>WARNING:</b>

Advanced options	
	The 'payment by token' option must be enabled in your Lyra shop.

Languages	
<b>Name</b>	If you offer several payment methods, enter a number in the field. This number determines the position for this payment method. If you enter 0, the payment method will appear first.
<b>Description</b>	This description will appear to the buyer when he chooses his payment method.
<b>Instructions</b>	This message will be displayed to the buyer if the payment is accepted.

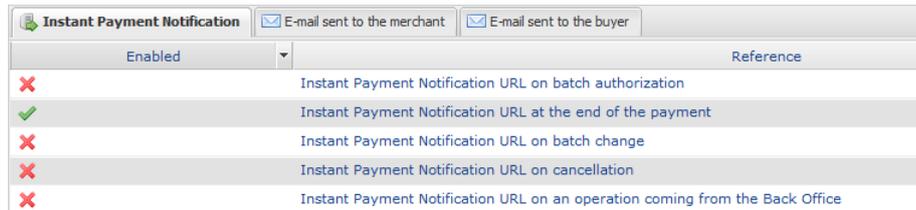
## 8.4. Instant Payment Notification URL

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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		<input checked="" type="checkbox"/> E-mail sent to the merchant	<input checked="" type="checkbox"/> E-mail sent to the buyer
Enabled			Reference
<input type="checkbox"/>	Instant Payment Notification URL on batch authorization		
<input checked="" type="checkbox"/>	Instant Payment Notification URL at the end of the payment		
<input type="checkbox"/>	Instant Payment Notification URL on batch change		
<input type="checkbox"/>	Instant Payment Notification URL on cancellation		
<input type="checkbox"/>	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 change

### 8.4.1. Notification URL definitions

#### **Instant Payment Notification URL at the end of the payment :**

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

In your 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 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.

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

## 8.4.2. Configuration of Instant Payment Notification URLs

In order to configure a notification URL:

1. Make sure that the notification URL is enabled (see chapter “Instant Payment Notification URL”).
2. **Double click** the notification URL that you would like to configure.
3. Enter the **E-mail address(es) to notify in case of failure**.  
To specify several e-mail addresses, separate them with a semi-colon.
4. Check the **Automatic retry in case of failure** box.  
This option allows to automatically send notifications to the merchant website in case of failure (up to 4 times).
5. Populate the fields **URL to call in TEST mode** and **URL to call in PRODUCTION mode (Notification URL of the Hosted payment page V1, V2 section)**. The URL to copy is specified in the module configuration (**Notification URL**).  
The URL must resemble the one below:  
**https://www.your-domain.com/lyra/rest/ipn**  
Replace **your-domain.com** with the domain name of your website.
6. If you have configured the embedded form as integration type, populate the fields **Target URL of the IPN to call in TEST mode** and **Target URL of the IPN to call in PRODUCTION mode (REST API Instant Payment Notification URL section)**. The URL to copy is present in the module configuration (**REST API notification URL**).  
The URL must resemble the one below:  
**https://www.your-domain.com/lyra/rest/ipn**  
Replace **your-domain.com** with the domain name of your website.
7. Click **Save**.

## 9. OBTAINING HELP

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Looking for help? See [our FAQ](#).

For any questions, contact [the tech 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 at the top of the menu.