Lyra

Payment module integration for Gambio

Contents

1. RELEASE NOTES

Version	Date	Comments
2.0	06/05/2020	Initial version

2. MODULE FEATURES

The payment module offers the following features:

- single payment,
- compatibility with Gambio version 3.x,
- multi-language compatibility,
- multi-currency compatibility,
- selective 3D-Secure depending on the order amount,
- automatic redirection to the shop once the payment has been made,
- definition of a minimum/maximum amount for each payment method,
- systematic registration of orders at the end of payment via a silent URL (Instant Payment Notification URL).
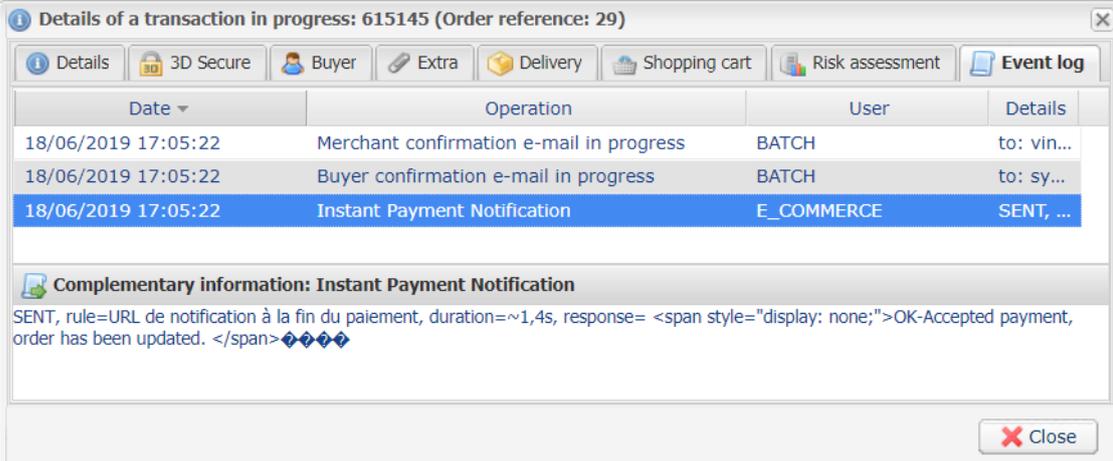
3. READ CAREFULLY BEFORE GOING ANY FURTHER

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

Frequent errors:

• **If your Gambio shop is in maintenance mode**

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

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

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

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

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

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4. INSTALLMENT PAYMENT FEATURES

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

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

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

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

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

Additional feature implemented into this module.

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

Example :

For an amount of 100 EUR in 3 installments, you can set the percentage of the first payment at 50% of the amount. This means that the amount of the first installment will be 50 EUR and that the two others will be of 25 EUR.

Payment method view

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

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

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

5. PREREQUISITES

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

- **Payment module file**: Lyra_Gambio_3.x_v2.0.x.zip
- **Your shop ID**
- **Test or production key**

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

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

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

Click "Other actions" and sign into your Merchant Back Office.

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

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

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

6. INSTALLING THE PAYMENT MODULE

6.1. Updating the module

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

WARNING : Make sure you save the parameters of your module before you uninstall it and save the production key that is no longer visible in the Lyra Back Office.

1. Sign into your Gambio Back Office.

2. Go to **Modules** > **Payment Systems**.

3. Click on the **Miscellaneous** tab.

4. In the list of modules, click on **added modules** at the bottom of the page.

5. Click Lyra - Standard payment, then click the **Uninstall** button to uninstall standard payment.

6. Click Lyra - Payment in installments, then click the **Uninstall** button to uninstall payment in installments.

6.2. Adding the module

The Lyra payment module is added from your FTP server:

1. Unzip the **Lyra_Gambio_3.x_v2.0.x.zip** payment module.

2. Connect to your FTP server.

3. Copy all the files and directories present to the root of your website.

6.3. Installing the module

The payment module is installed from the Gambio Back Office:

1. Sign into your Gambio Back Office.

2. Go to **Modules** > **Payment Systems**.

3. Click on the **Miscellaneous** tab.

4. In the list of modules, click on **added modules** at the bottom of the page.

5. Click Lyra - Standard payment to install standard payment, then click the **Install** button.

6. Click Lyra - Payment in installments to install payment in installments, then click the **Install** button.

7. Once the installation is complete, go to the **Toolbox** > **Cache** menu.

8. Search for **Empty modules cache**, then click **Execute** to clear the cache.

7. CONFIGURING THE PAYMENT MODULE

7.1. Standard payment

To set up standard payment:

1. Sign into your Gambio Back Office.

2. Go to **Modules** > **Payment Systems**.

3. Click on the **Miscellaneous** tab.

4. In the list of modules, click on **added modules** at the bottom of the page.

5. Click **Lyra - Standard payment**.

6. Click **Edit**.

Order token overview	
Order token overview	Enter the label that you wish to display for this payment module. This label will also appear in the **Payment** column when you view your orders.

Access to the payment gateway	
Instant Payment Notification URL	URL to copy in your Merchant Back Office (**Settings** > **Notification rules** > **Instant Payment Notification URL at the end of the payment** > **Instant Payment Notification URL of the API form V1, V2** menu).
Activation	In order to enable the payment method, select **Enabled**. This mode est set to **Enabled** by default.
Order	If you offer several payment methods, enter a number in the **Sort order** field to determine the position of this payment method. The payment methods appear in ascending order according to the **Sort order** value.
Authorized areas	Define the payment area to which this payment method will apply. The codes of different areas are available via **Shop Settings** > **Zone / Tax** > **Zones** tab of the Gambio Back Office. If no value is specified, all zones will be authorized.
Payment area	Select the country for which you wish to enable the payment module. If no value is selected, the payment module will be available for all countries.
Shop ID	Specify the 8-digit shop ID available in your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Test key	Specify the test key available via your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Production key	Specify the production key available in your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Mode	Allows to indicate the operating mode of the module (**TEST** or **PRODUCTION**). The PRODUCTION mode becomes available only after the test phase has been completed. The TEST mode is always available.
Signature algorithm	Algorithm used to compute the signature of the payment form. The algorithm must be the same as the one configured in the Merchant Back Office (**Settings** > **Shop** > **Keys**). If the algorithm is different, the parameter will have to be modified via the Merchant Back Office.
Payment page URL	This field is pre-populated by default: *https://secure.lyra.com/vads-payment/*

Payment page	
Default language	This option allows to choose the default language of the payment page in case the language of Gambio is not supported by Lyra Collect.

Payment page	
	If the language(s) used by the Gambio is (are) implemented into Lyra Collect, the payment page will be displayed in the language of Gambio when the buyer clicks on "Pay".
Available languages	Allows to customize the language displayed on the payment page.
	Buyer will be able to select a language when he or she is redirected to the payment page.
	If you do not select any language, all languages will be displayed on the payment page.
	Available languages:
	German, English, Chinese, Spanish, French, Italian, Japanese, Dutch, Polish, Portuguese, Russian, Swedish, Turkish.
Capture delay	Indicates the delay (in days) before the capture.
	By default, this parameter can be configured in your Merchant Back Office. (Menu: **Settings** > **Shop** > **Configuration** - section: Capture delay)
	It is recommended to not populate this parameter.
Validation mode	*Back Office Configuration:* Recommended value.
	Allows to use the configuration defined in the Merchant Back Office. (Menu: Settings > Shop > Configuration – section: validation mode)
	Automatic:
	This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part.
	Manual:
	This value indicates that the transactions will require manual validation by the merchant via the Merchant Back Office.
	Warning: if the transaction is not validated by the merchant before the expiration date, it will not be captured in the bank.
	Remember to configure the **Instant Payment Notification rule on an operation coming from the Back Office** to update the order status in Gambio.
Card types	This field allows to select the cards logo to be displayed on the payment page.
	Warning :
	The payment types offered to the buyer on the payment page depend on the contracts and options associated with your Lyra Collect offer.
	It is recommended to leave this parameter empty.

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

Restrictions	
Minimum amount	This field defines the minimum amount for which you wish to offer this payment method.
Maximum amount	This field defines the maximum amount beyond which you do not wish to offer this payment method.

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

Return to shop	
	The default message is: "Redirection to the shop in a moment".
Time before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a failed payment.
Message before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway following a failed payment before your buyer is redirected to the shop. The default message is: "Redirection to the shop in a moment".
Return mode	During the redirection to the shop, these parameters are returned to the shop in **GET** or **POST** modes. The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.
Orders status (payment accepted)	Select the Registered orders status. It is recommended to leave the **default** value.

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

7.2. Payment in installments

To set up payment in installments:

1. Sign into your Gambio Back Office.

2. Go to **Modules** > **Payment Systems**.

3. Click on the **Miscellaneous** tab.

4. In the list of modules, click on **added modules** at the bottom of the page.

5. Click **Lyra - Payment in installments**.

6. Click **Edit**.

Order token overview	
Order token overview	Enter the label that you wish to display for this payment module. This label will also appear in the **Payment** column when you view your orders.

Access to the payment gateway	
Instant Payment Notification URL	URL to copy in your Merchant Back Office (**Settings** > **Notification rules** > **Instant Payment Notification URL at the end of the payment** > **Instant Payment Notification URL of the API form V1, V2** menu).
Activation	In order to enable the payment method, select **Enabled**. This mode est set to **Enabled** by default.
Order	If you offer several payment methods, enter a number in the **Sort order** field to determine the position of this payment method. The payment methods appear in ascending order according to the **Sort order** value.
Authorized areas	Define the payment area to which this payment method will apply. The codes of different areas are available via **Shop Settings** > **Zone / Tax** > **Zones** tab of the Gambio Back Office. If no value is specified, all zones will be authorized.
Payment area	Select the country for which you wish to enable the payment module. If no value is selected, the payment module will be available for all countries.
Shop ID	Specify the 8-digit shop ID available in your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Test key	Specify the test key available via your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Production key	Specify the production key available in your Merchant Back Office (Menu: **Settings** > **Shop** > **Keys**).
Mode	Allows to indicate the operating mode of the module (**TEST** or **PRODUCTION**). The PRODUCTION mode becomes available only after the test phase has been completed. The TEST mode is always available.
Signature algorithm	Algorithm used to compute the signature of the payment form. The algorithm must be the same as the one configured in the Merchant Back Office (**Settings** > **Shop** > **Keys**). If the algorithm is different, the parameter will have to be modified via the Merchant Back Office.
Payment page URL	This field is pre-populated by default: *https://secure.lyra.com/vads-payment/*

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

Payment page	
	If you do not select any language, all languages will be displayed on the payment page. <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 Merchant Back Office. (Menu: **Settings** > **Shop** > **Configuration** - section: Capture delay) It is recommended to not populate this parameter.
Validation mode	***Back Office Configuration:*** Recommended value. Allows to use the configuration defined in the Merchant Back Office. (Menu: Settings > Shop > Configuration – section: validation mode) ***Automatic:*** This value indicates that the payment will be captured in the bank automatically without any action on the merchant's part. ***Manual:*** This value indicates that the transactions will require manual validation by the merchant via the Merchant Back Office. <u>Warning</u>: 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 Gambio.
Card types	This field allows to select the cards logo to be displayed on the payment page. Warning : The payment types offered to the buyer on the payment page depend on the contracts and options associated with your Lyra Collect offer. It is recommended to leave this parameter empty.

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

Restrictions	
Minimum amount	This field defines the minimum amount for which you wish to offer this payment method.
Maximum amount	This field defines the maximum amount beyond which you do not wish to offer this payment method.

Payment options	
Payment option	This module allows you to create as many credit card installment payment options as you like. Each payment option will have a different code that will be displayed in the order table. To add a payment option, click on **Add**. Once you have completed the configuration, do not forget to click **Save** in order to save your changes.
Label	Text describing the installment payment option as it will be offered to the buyer. Example : Pay in 3 installments with no fees
Minimum amount	Allows to define the minimum amount required to make the payment option available.
Maximum amount	Allows to define the maximum amount required to make the payment option available.

Payment options	
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 100 EUR in 3 installments, you can set the percentage of the first payment at 50% of the amount. This means that the amount of the first installment will amount to 50 EUR an that the two others will be of 25 EUR. For 50% enter **50**. If you wish to set identical amounts for all installments, leave the field empty.

| Return to shop	
Automatic redirection	This option allows to automatically redirect the buyer to the merchant website. This option depends on the following settings. This option is disabled by default.
Time before redirection (success)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a successful payment.
Message before redirection (success)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway following a successful payment before your buyer is redirected to the shop. The default message is: "Redirection to the shop in a moment".
Time before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the delay in seconds before your buyer is redirected to your shop in case of a failed payment.
Message before redirection (failure)	In case the **automatic redirection** option is enabled, you can define the message that will appear on the gateway following a failed payment before your buyer is redirected to the shop. The default message is: "Redirection to the shop in a moment".
Return mode	During the redirection to the shop, these parameters are returned to the shop in **GET** or **POST** modes. The GET mode is more convenient for the buyer as it allows to prevent the browser from displaying a pop-up window that indicates that the buyer is leaving an https environment for an http environment which obliges the buyer to click on "Accept" to return to the shop.
Orders status (payment accepted)	Select the Registered orders status. It is recommended to leave the **default** value.

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

8. SETTING UP THE INSTANT PAYMENT NOTIFICATION URL

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

To access notification rule management:

1. Sign in to: *https://secure.lyra.com/portal/*.

2. Click Other actions and sign into your Merchant Back Office

3. Go to the following menu: **Settings** > **Notification rules**.
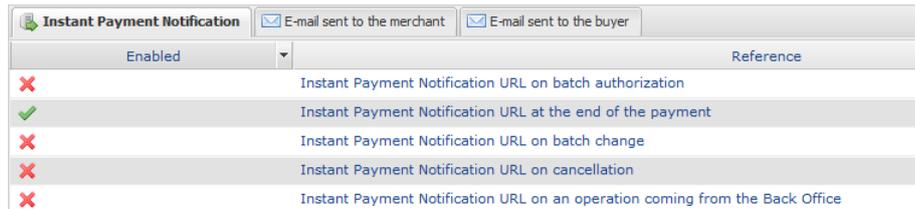
Instant Payment Notification	E-mail sent to the merchant	E-mail sent to the buyer
Enabled ▼		**Reference**
✖		Instant Payment Notification URL on batch authorization
✔		Instant Payment Notification URL at the end of the payment
✖		Instant Payment Notification URL on batch change
✖		Instant Payment Notification URL on cancellation
✖		Instant Payment Notification URL on an operation coming from the Back Office

Figure 1: Notification rules

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

• Instant Payment Notification URL at the end of payment

8.1. Setting up the Instant Payment Notification

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

In your Merchant Back Office, you must set up a URL that will be systematically called after a payment. It will inform the merchant website of the payment result even if your client has not clicked on return to the shop.

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

To set up this notification:

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

2. Select **Enable the rule**.

3. Right-click **Instant Payment Notification URL at the end of payment** once again.

4. Select **Manage the rule**.

5. Enter the following URL in the fields **URL to call in TEST mode** and **URL to call in PRODUCTION mode** (**Notification URL of the Hosted payment page V1, V2** section):

   http://www.your-domain.com/PaymentLyra/finalize

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

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

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

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

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

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

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

9. Save the changes.

8.2. Testing the Instant Payment Notification URL

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

1. Make sure that your URL is available online: your shop must neither be **in maintenance mode** nor be protected by an .htaccess file.

2. Make sure that your notification URL is available <u>without any redirection</u>.

   a. To do this, paste your notification URL to the address bar of your browser and launch the search.

   b. Make sure your URL did not change.

      If your URL has changed, for example from "*http*" to "*https*" or "*http://abc.net*" to "*http://**www**.abc.net*", it means a redirection is active on your website. Then, copy the URL from the address bar and modify the URL filled in the configuration of all notification rules.

3. Make sure that the "Automatic redirection" option is disabled in the payment module settings.

4. Check that the **Instant Payment Notification URL at the end of payment** is populated in the Merchant Back Office (see above).

5. Make an order on your website and proceed to payment.

6. **Do not click on** "Return to shop" at the end of payment and close the current tab of your browser.

7. Make sure that the status of your order is **Build** in the **Orders** > **Orders** menu.

If the order has not been created in the Gambio Back Office, this means that the call has failed.

If the payment gateway is unable to access the URL of your page, an e-mail will be sent to the shop administrator.

It contains:

• The HTTP code of the encountered error

• Parts of error analysis

• Its consequences

• Instructions to resend from the Merchant Back Office the notification to the URL already specified above.

9. SHIFTING THE SHOP TO PRODUCTION MODE

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

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

- In the module configuration parameters:

  - Replace the shopID.

  - Replace the **Production key** field.

  - Select the PRODUCTION mode.

  - Save the changes.

- Make sure that you have specified the Instant Payment Notification URL in production mode, as described in the chapter **Setting up the Instant Payment Notification URL**.

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

You will then be able to cancel the payment via the Merchant Back Office. This transaction will not be captured in the bank.

Note on the production key:

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

10. OBTAINING HELP

Looking for help? Check our FAQ on our website

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

If you have any technical questions or need assistance, our tech support is available

from Monday to Friday from 9 a.m. to 6 p.m.

by phone at:

0811900475 Service fee 0.06 € / min + call charge

by e-mail : *support-ecommerce@lyra-collect.com*

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

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