Payvision Payment module for Magento® 2

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1 Installation Guide

1.1 Requirements

The following Magento® versions are supported:

- Community Edition 2.2.7 and upward.

The system requirements for this module are the same as for the Magento® installation you're installing this module for. For more details, visit the official Magento® documentation.

1.2 Installation instructions

Installing this module can be done in 2 ways:

- Installation using the ZIP package
- Installation using composer

1.2.1 Installation using the ZIP package

If you received this module as a ZIP package, and it contains a file called composer.json you can install it as an composer artifact:

- Put the file in a folder that is accessible by Composer (don't unzip the file).
- On the command line, navigate to the root folder of your Magento® installation, and execute:

```bash
composer config repositories.payvision artifact /path/to/folder/with/zip
composer require payvision/payment-magento2
```

1.2.2 Installation using Composer

If you got the module from the Magento® Marketplace you can download it from the public repository during the installation. See the official Magento® documentation for more details.

1.3 Enabling the module

To enable this module, execute:

```bash
bin/magento module:enable Payvision_Payment
bin/magento setup:upgrade
```

You can disable the module by executing:

```bash
bin/magento module:disable Payvision_Payment
```
2 Configuration Guide

The module can be configured in the system configuration located in your Magento® admin at Stores > Configuration > Sales > Payment Methods > Payvision:

2.1 A note about scopes

Since Magento® has the option to facilitate multiple stores, the configuration is scope-based. This means that certain settings can apply to all stores, while exceptions can be done for certain stores or views. The following scopes are available:

- Global scope
- Website scope
- Store scope
- Store view

Some configuration settings can be changed for different websites or store views, while others will always remain on the global scope.

For more information about scopes, see the official Magento® documentation.
3 Settings overview

The following settings are available:

- **Active**
  - Type: Select
  - Possible values: Yes, No
  - Scope: Website
  Allows you to enable or disable the module.

- **Mode**
  - Type: Select
  - Possible values: Test, Live
  - Scope: Global
  Select the mode in which the module should run. The module can run in either test or live mode. For both modes credentials can be stored in the admin area.

- **Webhook URL**
  - Type: Text
  - Scope: Global
  You need to share this URL with Payvision.
You need to share this URL with Payvision.

3.4 Credentials

3.4.1 Test Environment

3.4.1.1 Test Username

- Type: Text
- Scope: Website

This information will be provided to you by Payvision.
3.4.1.2 Test Password

- Type: Obscure
- Scope: Website

This information will be provided to you by Payvision.

3.4.1.3 Test Business ID

- Type: Text
- Scope: Website

This information will be provided to you by Payvision.

3.4.1.4 Test Store ID

- Type: Text
- Scope: Website

This information will be provided to you by Payvision.

3.4.1.5 Webhook Secret

- Type: Obscure
- Scope: Website

This information will be provided to you by Payvision.

3.4.2 Live Environment

3.4.2.1 Live Username

- Type: Text
• Scope: Website

This information will be provided to you by Payvision.

3.4.2.2 Live Password

• Type: Obscure
• Scope: Website

This information will be provided to you by Payvision.

3.4.2.3 Live Business ID

• Type: Text
• Scope: Website

This information will be provided to you by Payvision.

3.4.2.4 Live Store ID

• Type: Text
• Scope: Website

This information will be provided to you by Payvision.

3.4.2.5 Webhook Secret

• Type: Obscure
• Scope: Website

This information will be provided to you by Payvision.

3.5 Configuration

The following areas can be configured for this module:
3.5.1 General

This area contains the general kind of things that apply to the whole module, or are shared by some of the brands. Most of the settings are store-scoped, so they can act different for different stores / views.

3.5.1.1 Error Page

- **Type**: Select
- **Possible values**: (This will be a list of all the available pages in your Magento installation)
- **Scope**: Store

A default error page will automatically be created and assigned to this parameter when the module is installed. This is the page to redirect the customer to if something went wrong.

3.5.1.2 Gender mapping: Male

- **Type**: Select
- **Possible values**: (This will be a list of all the available genders in your Magento installation. This is fetched from the customer EAV attribute 'gender'. A default Magento installation has 'Male' and 'Female' pre-installed)
- **Scope**: Global

Some payment methods require the gender of the customer. Please select the 'Male' gender in Magento.
3.5.1.3 Gender mapping: Female

- Type: Select
- Possible values:
  - (This will be a list of all the available genders in your Magento installation. This is fetched from the customer EAV attribute ‘gender’. A default Magento installation has ‘Male’ and ‘Female’ pre-installed)
- Scope: Global

Some payment methods require the gender of the customer. Please select the ‘Female’ gender in Magento.

3.5.2 Brands

This area contains the brand-specific configurations. Each brand can have its own specific configuration set. Most of the settings are store-scoped, so they can act different for different stores / views.

3.5.2.1 Cards
Cards

Cards make use of the Payvision hosted checkout. The interval to check the status of the hosted checkout is 5 minutes.

- Common Cards
- BCMC

3.5.2.1.1 Common Cards
Choose which cards are allowed to choose from. Hold down the Ctrl/Cmd-key to select multiple cards.

Determine what kind of transaction will be done. In case of "payment" the amount is captured directly. In case of "authorize" you need to capture the amount manually. This is done when creating the invoice for your order.
3.5.2.1.1.1 Active

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Allows you to enable or disable this payment method.

3.5.2.1.1.2 Title

- Type: Text
- Scope: Store

3.5.2.1.1.3 Allowed Cards

- Type: Multiselect
- Possible values:
  - (This will be a list of all the available card brands provided by the Payvision SDK)
- Scope: Store

Choose which cards are allowed to choose from. Hold down the Ctrl/Cmd-key to select multiple cards.

3.5.2.1.1.4 Action

- Type: Select
- Possible values:
  - Payment
  - Authorize
- Scope: Website

Determines what kind of transaction will be done. In case of "payment" the amount is captured directly. In case of "authorize" you need to capture the amount manually. This is done when creating the invoice for your order.

3.5.2.1.1.5 Enable 3D Secure

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Store

3.5.2.1.1.6 Style

- Type: Textarea
- Scope: Store

See the online documentation for more details on what properties are available.
3.5.2.1.7 Use external testing simulator

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Store

Some payment methods have an external simulator for testing purposes. Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.1.2 BCMC

```
BCMC

Active
[website] Yes

Title
[store view] BCMC

Use external testing simulator
[website] No

Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.
```

3.5.2.1.2.1 Active

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Allows you to enable or disable this payment method.

3.5.2.1.2.2 Title

- Type: Text
- Scope: Store
3.5.2.1.2.3 Use external testing simulator

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Some payment methods have an external simulator for testing purposes. Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.2 Direct Banking

- Direct Banking
  - iDeal
  - Sofort
  - Giropay
  - EPS

3.5.2.2.1 iDeal
### iDeal

#### Active
[website]

- **Type:** Select
- **Possible values:**
  - Yes
  - No
- **Scope:** Website

Please note that this payment is only available when the order is placed in EUR and billed in the Netherlands.

#### Title
[store view]

- **Type:** Text
- **Scope:** Store

#### Use external testing simulator
[website]

- **Type:** Select
- **Possible values:**
  - Yes
  - No
- **Scope:** Website

Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

---

#### 3.5.2.2.1.1 Active

- **Type:** Select
- **Possible values:**
  - Yes
  - No
- **Scope:** Website

Allows you to enable or disable this payment method. Please note that this payment is only available when the order is placed in EUR and billed in the Netherlands.

#### 3.5.2.2.1.2 Title

- **Type:** Text
- **Scope:** Store

#### 3.5.2.2.1.3 Use external testing simulator

- **Type:** Select
- **Possible values:**
  - Yes
  - No
- **Scope:** Website
Some payment methods have an external simulator for testing purposes. Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.2.2 Sofort

- **Active**
  - [website]
  - Possible values:
    - Yes
    - No
  - Scope: Website
  - Please note that this payment is only available when the order is placed in: EUR, GBP, HUF, PLN or CHF and billed in one of the following countries: ES, UK, PO, FR, BE, IT, SK, NL, DE, HU or AT.

- **Title**
  - [store view]
  - Scope: Store
  - Sofort

- **Use external testing simulator**
  - [website]
  - Possible values:
    - Yes
    - No
  - Scope: Website
  - Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.2.1 Active

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Allows you to enable or disable this payment method. Please note that this payment is only available when the order is placed in: EUR, GBP, HUF, PLN or CHF and billed in one of the following countries: ES, UK, PO, FR, BE, IT, SK, NL, DE, HU or AT.

3.5.2.2.2 Title

- Type: Text
- Scope: Store
3.5.2.2.3 Use external testing simulator

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Some payment methods have an external simulator for testing purposes. Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.2.3 Giropay

![Giropay Configuration](image)

3.5.2.2.3.1 Active

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Allows you to enable or disable this payment method. Please note that this payment is only available when the order is placed in: EUR and billed in country: DE.
3.5.2.2.3.2 Title

- Type: Text
- Scope: Store

3.5.2.2.3.3 Use external testing simulator

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Some payment methods have an external simulator for testing purposes. Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.2.4 EPS

![EPS Configuration]

3.5.2.2.4.1 Active

- Type: Select
- Possible values:
  - Yes
  - No

Please note that this payment is only available when the order is placed in: EUR and billed in the following country: AT.

Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.
• Scope: Website

Allows you to enable or disable this payment method. Please note that this payment is only available when the order is placed in: EUR and billed in the following country: AT.

3.5.2.2.4.2 Title

• Type: Text
• Scope: Store

3.5.2.2.4.3 Use external testing simulator

• Type: Select
• Possible values:
  ○ Yes
  ○ No
• Scope: Website

Some payment methods have an external simulator for testing purposes. Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.3 Wallet

- Wallet
  - PayPal

3.5.2.3.1 PayPal
3.5.2.3.1.1 Active

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Allows you to enable or disable this payment method.

3.5.2.3.1.2 Action

- Type: Select
- Possible values:
  - Payment
  - Authorize
- Scope: Website

Determines what kind of transaction will be done. In case of “payment” the amount is captured directly. In case of "authorize" you need to capture the amount manually. This is done when creating the invoice for your order.

3.5.2.3.1.3 Title

- Type: Text
- Scope: Store
3.5.2.4 Invoice/Post payment

- Invoice/Post payment
  - Afterpay

3.5.2.4.1 Afterpay
3.5.2.4.1.1 Active

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Allows you to enable or disable this payment method. Please note that this payment is only available when the order is placed in EUR and billed in the Netherlands or Belgium and if you have your shop configured to have at least 2 address lines. Street and house number must be collected separately in the standard address line 1 and 2, with the optional suffix in address line 3.
address line 1 and 2, with the optional suffix in address line 3.

3.5.2.4.1.2 Action

- Type: Select
- Possible values:
  - Payment
  - Authorize
- Scope: Website

Determines what kind of transaction will be done. In case of "payment" the amount is captured directly. In case of "authorize" you need to capture the amount manually. This is done when creating the invoice for your order.

3.5.2.4.1.3 Title

- Type: Text
- Scope: Store

3.5.2.4.1.4 Use external testing simulator

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Some payment methods have an external simulator for testing purposes. Some payment methods have an external simulator for testing purposes. This setting will only be used in "test" mode.

3.5.2.5 Paymentlink
Paymentlink

Paymentlink is a payment method that can be used by the merchant when an order is created from the admin. It generates a link that the merchant can send to a customer to initiate the payment. The interval to check the payment status of the paymentlink is 15 minutes.

- **Active**
  - Type: Select
  - Possible values:
    - Yes
    - No
  - Scope: Website

- **Action**
  - Type: Select
  - Possible values:
    - Payment
    - Authorize
  - Scope: Website

Determines what kind of transaction will be done. In case of "payment" the amount is captured directly. In case of "authorize" you need to capture the amount manually. This is done when creating the invoice for your order.

- **Title**
  - [store view]
  - Paymentlink

3.5.2.5.1 Active

- Type: Select
- Possible values:
  - Yes
  - No
- Scope: Website

Allows you to enable or disable this payment method.

3.5.2.5.2 Action

- Type: Select
- Possible values:
  - Payment
  - Authorize
- Scope: Website

Determines what kind of transaction will be done. In case of "payment" the amount is captured directly. In case of "authorize" you need to capture the amount manually. This is done when creating the invoice for your order.
3.5.2.5.3 Title

- Type: Text
- Scope: Store

3.5.3 Developer options

## Developer options

### Webhook Process Limit

Type: Text  
Scope: Global

Each minute, webhooks in the queue are processed. This setting determines the limit to process each time. A lower value means less impact on the server, but longer times before webhooks are processed.

### Debug Level Threshold

Type: Select  
Possible values: Debug, Info, Notice, Warning, Error, Critical, Alert, Emergency, Disable Logging  
Scope: Global

Logs will be written to var/log/payvision.log. Please note that sensitive data might be written to the log, so it's best to remove them when you're done. For more information about log levels, visit this link.

3.5.3.1 Webhook Process Limit

- Type: Text
- Scope: Global

Each minute, webhooks in the queue are processed. This setting determines the limit to process each time. A lower value means less impact on the server, but longer times before webhooks are processed.

3.5.3.2 Debug Level Threshold

- Type: Select
- Possible values:
  - Debug
  - Info
  - Notice
  - Warning
  - Error
  - Critical
  - Alert
  - Emergency
  - Disable Logging
- Scope: Global

Logs will be written to var/log/payvision.log. Please note that sensitive data might be written to the log, so
it's best to remove them when you're done. For more information about log levels, visit this link.
4 General usage

The module is pretty straight-forward: configure the module and the payment methods will be made available in the frontend and/or the admin.

4.1 Order Statuses

The order statuses are kept as close as possible to the default statuses defined by Magento®. Typically, the statuses that an order goes through are:

- **Pending Payment**: This is the status for a new order where an action from the customer is required. In most cases, this means that the customer has been redirected to a payment page and is finishing his payment. It can also be the state when a bank does not immediately confirm a payment (like SEPA).
- **Processing**: This means that the payment is received and that the order can be processed.
- **Payment Review**: This status is assigned when fraudulent behavior is suspected.
- **Holded**: This status is assigned if an action from the merchant is required at Payvision.
- **Canceled**: This status is assigned if the payment at Payvision results in one of the following:
  - Timeout
  - Failed
  - Declined
  - Security Error
  - Business Rule Error
  - Customer Processing Error
  - Referrals

4.1.1 Edge cases

In some cases, it can happen that a transaction has a subsequent transition due to certain unforeseen events. For example, a transaction that had been approved earlier, is declined after all. In those scenarios the module does the following:

- **Canceled** order receives **Successful payment**: the order is set to **Processing**.

- **Processing** order receives **Declined / Failed payment**: the order is set to **Canceled**.

- **Complete** order receives **Declined / Failed payment**: the order is set to **Closed**.

- **Note 1**: In in the above scenario's the merchant also receives an e-mail from Payvision with more details.

- **Note 2**: In case of canceled/closed orders, invoices that were already marked as "paid" are set to "canceled" and order totals (paid/due) are adjusted to ensure that reports are correct.
5 Troubleshooting

No issues are known at the moment.