

Point payment module for osCommerce

Point payment module offers osCommerce integration towards the Point payment service.

Installation and Configuration

1. Unzip the zip-file containing the payment module.
2. Copy the files to the server maining the directory structure in the zip-file

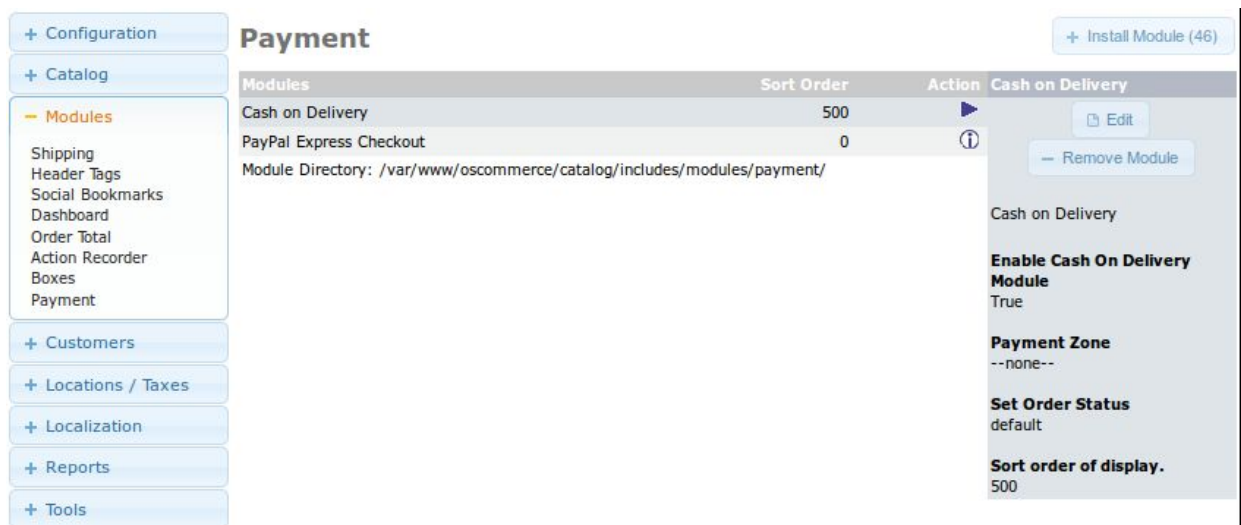
Individual files:

- pointpayment.php (located in Oscommerce root)
- includes/modules/payment/point.php
- includes/languages/english/modules/payment/point.php

New directories:

- includes/modules/payment/Crypt
- includes/modules/payment/Match

3. Login to osCommerce admin panel.
4. From the left side navigation bar, select Modules | Payment



The screenshot shows the osCommerce admin panel with the 'Payment' module configuration page. The left sidebar contains a navigation menu with options like Configuration, Catalog, Modules, Customers, Locations / Taxes, Localization, Reports, and Tools. The 'Modules' section is expanded, showing a list of modules including Shipping, Header Tags, Social Bookmarks, Dashboard, Order Total, Action Recorder, Boxes, and Payment. The 'Payment' module is selected, and its configuration page is displayed. The page title is 'Payment'. On the right side, there is a '+ Install Module (46)' button. Below this, there is a table with columns 'Modules', 'Sort Order', and 'Action'. The table lists 'Cash on Delivery' with a sort order of 500 and 'PayPal Express Checkout' with a sort order of 0. Below the table, there is a 'Module Directory' field showing the path '/var/www/oscommerce/catalog/includes/modules/payment/'. On the right side of the page, there are several configuration options: 'Cash on Delivery' (True), 'Enable Cash On Delivery Module' (True), 'Payment Zone' (--none--), 'Set Order Status' (default), and 'Sort order of display.' (500). There are also buttons for 'Edit' and 'Remove Module'.

5. Click install module button on the right side.
6. Click Point Payment on the list
7. Click 'Install module'

Modules	Sort Order	Action	Point Payment
Cash on Delivery	500		Point Payment Status Is the payment method enabled?
PayPal Express Checkout	0		<input type="radio"/> True <input type="radio"/> False
Point Payment	0		Payment Zone If zone is set, this payment method is available only for the selected zone. <input type="text" value="--none--"/>

Module Directory: /var/www/oscommerce/catalog/includes/modules/payment/

Sort order.
Display order of the payment module. Lower value comes first.

Payment status
What is the status of the payment paid with using this payment module.

Merchant ID
Merchant id received from Point.

Currency
Payment Currency
☒ EUR

Availability check
Make availability check for the payment system.
☒ True
☐ False

Shop private key file
Path and name to the private key file

Point public key
Path and name to the payment system public key file

Payment URL1
Endpoint URL for the payment system

Payment URL2
Endpoint URL for the payment system

Payment URL3
Endpoint URL for the payment system

8. Click 'Edit' and enter configuration settings. Save when done.

Configuration setting	Description
Point Payment Status	The payment method can be enabled/disabled with this selection.
Payment Zone	They method can be made available for all Zones (select – none--) or for only a particular Zone.
Sort order	Display order of the payment in customer's payment selection.
Payment status	Status of the order after payment
Point Payment merchant agreement code	Unique seller identification obtained from Point.
Currency	Payment currency. Currently only Euro supported.
Shop private key filename	Path and file name for the shop key file.

	Important: Do not place keys in a folder accessible by the WWW-server.
Point public key filename	Path and file name for the payment system key file.
Pay page URL 1,2,3	Payment system endpoint address (payment node). For redundancy it is possible to have up to three separate endpoints. The payment module will choose the endpoint used in random.
Availability check	Before payment node is used the payment node is contacted to check it's availability. In case a certain payment node is not another one is checked. In case no payment node is available an error is raised. The availability check can be bypassed with this configuration setting.

Other configuration settings:

Point Payment system and also the payment module require the use of cookies.



1. Click Configuration | Sessions
2. Set Force Cookie Use to True
3. Click Save

Example key file handling:

- Create shop key pair using Point key pair generator with command

```
java -jar point-key-pair-generator.jar
```

The command creates files:

- your-merchant-agreement-code-private.pem
- your-mechant-agreement-code-public.pem

Where 'your-mechant-agreement-code' is your Point username. The private key is needed for the configuration. You will also need a payment system key file from Point.

The generated public key must be delivered to Point following Point instructions on secure file delivery.

- In the server, create a new folder in your home directory named 'keys'.
- Copy your private key file and key file from Point to the newly created 'keys' -directory using FTP.
- Set Shop private key file in configuration as

```
/home/<username>/keys/your-merchant-agreement-code-private.pem
```

- Set Point public key file in configuration as
/home/<username>/keys/<filename>.pem

Server configuration

Required configuration for the http-server:

- SSL-support installed and enabled (e.g. OpenSSL for Apache web server)
- `allow_url_fopen` in PHP configuration must be set on.

Late shop payment success page URL

The late shop payment success page URL is:

```
https://<yourdomain>/<shop_catalog>/pointpayment.php
```

or

```
http://<yourdomain>/<shop_catalog>/pointpayment.php
```

depending on whether SSL is used or not.

Point may request this information for production use web shops.

Troubleshooting

Problem	Resolution
Error message: Error with Point Payment Payment gateway unavailable.	The payment system availability check has failed. Check Pay Page URL parameters.
Error: Key file could not be read.	The payment module has not been able to read the key file. Possible causes are: <ul style="list-style-type: none">• Key file is not stored to server• Key file path or filename is wrong• Key file does not have reading rights. Check that the key file exists in the server, check that the path and file name is correct and check file permissions.
Error: Payment verification failed	The payment verification has failed. Check that the key file is correct. Errors in key files are logged to http-server log.
Payment error in Point system	Check that the key file is correct. Errors in key files are logged to http-server log.

Payment notification

In some situations it is possible that the customer completes payment with the Point Payment system, but fails to return to the shop. In this case the order processing can not be completed.

In such cases it is possible that the Point Payment system notifies the payment module of the payment. However, as the osCommerce software does not save the order information before payment is processed, it is not possible to create the order afterwards. Instead, the payment module notifies the shop owner with the following email:

Subject: Payment notification

Payment notification has been received from Point Payment system.
It is possible that the customer has completed the payment but the corresponding order has not been processed by your web shop.

Customer id: 2.
Order amount: 89.99

Upon receiving this message the shop owner should check the order status and contact the customer in order to process the paid order.

Commercial support

Commercial support for Payment Module installation and troubleshooting is available from Gelo Oy, email contact@gelo.fi.