

Point payment module for Zen cart

Point payment module offers Zen cart 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

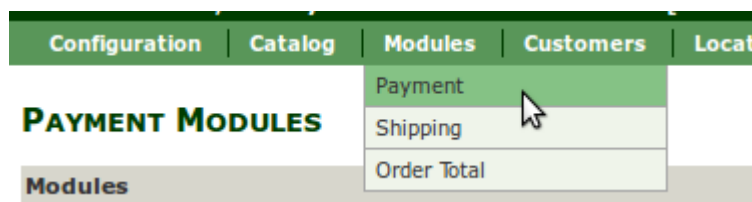
Individual files:

- pointpayment.php (located in Zen cart 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 Zen cart admin panel.
4. From the top menu select Modules | Payment



5. Select Point Payment in the list
6. Click 'Install'

PAYMENT MODULES

Modules		Sort Order	Orders Status	Action	Point Payment
Authorize.net (SIM)	authorizenet	●		ⓘ	+ install
Authorize.net (AIM)	authorizenet_aim	●		ⓘ	
Authorize.net - eCheck	authorizenet_echeck	●		ⓘ	Point Payment
Cash on Delivery	cod	●		ⓘ	
Free Order	freecharger	0 ●	default	ⓘ	
FirstData/Linkpoint/YourPay API	linkpoint_api	●		ⓘ	
Check/Money Order (not configured - needs pay-to)	moneyorder	0 ●	default	ⓘ	
PayPal Website Payments Standard - IPN	PayPal	●		ⓘ	
PayPal Website Payments Pro	PayPal	●		ⓘ	
PayPal Express Checkout	PayPal	●		ⓘ	
Point Payment	point	●		▶	

Module Directory: /var/www/zencart15/includes/modules/payment/

7. Enter configuration settings. Click update when done.

Modules		Sort Order	Orders Status	Action	Point Payment
Authorize.net (SIM)	authorizenet				Point Payment Status Is the payment method enabled? <input checked="" type="radio"/> True <input type="radio"/> False Payment Zone If zone is set, this payment method is available only for the selected zone. <input type="text" value="--none--"/> Sort order. Display order of the payment module. Lower value comes first. <input type="text" value="0"/> Payment status What is the status of the payment paid with using this payment module. <input type="text" value="default"/> Merchant ID Merchant id received from Point. <input type="text"/> Currency Payment Currency <input checked="" type="radio"/> EUR Availability check Make availability check for the payment system. <input checked="" type="radio"/> True <input type="radio"/> False Shop private key file Path and name to the private key file <input type="text"/> Point public key Path and name to the payment system public key file <input type="text"/> Payment URL1 Endpoint URL for the payment system <input type="text" value="https://epayment-1.point.fi"/> Payment URL2 Endpoint URL for the payment system <input type="text" value="https://epayment-2.point.fi"/> Payment URL3 Endpoint URL for the payment system <input type="text" value="https://epayment-3.point.fi"/> <input type="button" value="update"/> <input type="button" value="cancel"/>
Authorize.net (AIM)	authorizenet_aim				
Authorize.net - eCheck	authorizenet_echeck				
Cash on Delivery	cod				
Free Order	freecharger	0	default		
FirstData/Linkpoint/YourPay API	linkpoint_api				
Check/Money Order (not configured - needs pay-to)	moneyorder	0	default		
PayPal Website Payments Standard - IPN	PayPal				
PayPal Website Payments Pro	PayPal				
PayPal Express Checkout	PayPal				
Point Payment	point	0	default		

Module Directory: /var/www/zencart115/includes/modules/payment/

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
Merhant ID	Unique seller identification obtained from Point.
Currency	Payment currency. Currently only Euro supported.
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.

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.

Other configuration settings:

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

SESSIONS

Title	Value	Action	Force Cookie Use
Session Directory	/var/www/zencart15/cache	⬇	Please make any necessary changes
Cookie Domain	True	⬇	
Force Cookie Use	False	▶	Force Cookie Use
Check SSL Session ID	False	⬇	Force the use of sessions when cookies are only enabled.
Check User Agent	False	⬇	
Check IP Address	False	⬇	<input checked="" type="radio"/> True
Prevent Spider Sessions	True	⬇	<input type="radio"/> False
Recreate Session	True	⬇	
IP to Host Conversion Status	true	⬇	
Use root path for cookie path	False	⬇	
Add period prefix to cookie domain	True	⬇	

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

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.

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.