

# Installation Manual for PAYONE OpenCart

This manual describes the installation and usage of the PAYONE extension for OpenCart.

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# 1 Introduction

This manual describes how to install configure and use the payment module for OpenCart and PAYONE.

Before you get started, make sure to have all necessary data at hand.

- You received a user name and a password from PAYONE. Log in to the PAYONE Merchant Interface. (<https://pmi.pay1.de/>)
- OpenCart payment module from [sellxed.com/shop](https://sellxed.com/shop)
- Login data for your server and shop

## 2 PAYONE Channels

According to the functions of the module which you want to use, you have to request the different channels at PAYONE. With the numbers of channels come various costs on the part of the PAYONE. Here you'll find an overview of the different functions and their corresponding channels.

- **Channel Frontend:** Payment page
- **Channel Client-API:** Hidden, Alias Manager, Ajax, Moto
- **Server-API:** Refund, Capture, Cancel

**Note that you must use at least PHP version 5.6 for our plugins. PHP 8 or higher is currently not supported.**

### 2.1 Installation Process

This document contains all information necessary to install the module. Make sure to follow the described steps strictly in order to ensure the safe use of the module in compliance with all security regulations.

1. Configuration of the PAYONE test administration surface. The test platform can be found under <https://pmi.pay1.de/>
2. Configuration of the main settings
3. Configuration of the payment methods
4. Conducting a test order by means of the [Test Data](#) enclosed at the end of this document

## Installation Service

Our payment plugins should have per default the correct settings for most of our customers' preferences. That means once you have entered the required credentials in the plugin configuration to connect your account to your website, the plugin should be fully operational. Should you be willing to receive detailed information on a setting you do not know, you may contact our support team who will be able to assist you further.

Our support team is at your disposal during regular business hours at: <http://www.sellxed.com/support>. Furthermore, you have the option of ordering our installation service. We will make sure the plugin is installed correctly in your shop: <http://www.sellxed.com/shop/de/integration-und-installation.html>

## .htaccess Directory Protection

In order to test the module, any kind of directory protection or IP blocking on your server must be deactivated. This is crucial as otherwise the payment feedback of PAYONE might not get through to the shop.

## 2.2 System Requirements

In general, the plugin has the same system requirements as OpenCart. Below you can find the most important requirements of the plugin:

- PHP Version: 5.4.x or higher
- OpenSSL: Current version with support for TLS 1.2 or higher.
- fsockopen: The PHP function fsockopen must be enabled. The plugin must be able to connect to external systems over the Internet.
- PHP Functions: All common PHP functions must be enabled.

In case you are using OpenCart version 3.0.3.5 or 3.0.3.6, you must patch your store to fix the twig extension error in order for modified templates to be loaded. The following extension can be used to resolve the issue: [https://www.opencart.com/index.php?route=marketplace/extension/info&extension\\_id=40469](https://www.opencart.com/index.php?route=marketplace/extension/info&extension_id=40469).

## 3 PAYONE - Backend Configuration

First, log on to the PAYONE Merchant Interface (<https://pmi.pay1.de/>)

### 3.1 Payment Portal Setup

Under **Configuration > Payment Portals** you can set up the payment portal for your shop. Among other things you define the TransactionStatus URL. This is the URL that the parameters for further processing are sent to after payment has taken place.

#### 3.1.1 Shop Portal Administration: Tab General

General settings such as portal name, Shop URL and the sender e-mail can be defined in the tab 'General'. These settings can be defined independently.

Make sure that the Server API, Front-end and Client API are activated in the Channel settings as shown in the screenshot.

The screenshot displays the 'Shop portal administration' interface. At the top, there is a navigation bar with 'PAYONE WEBSITE' and a 'HELP' button. The main header includes the 'PAYONE MERCHANT INTERFACE' logo and a user login status: 'You are logged in as info.19405 (Account: customweb\_TEST [19405])' with 'LOGOUT' and 'deutsch' links. A breadcrumb trail shows 'Homepage > Payment portals'. A left-hand sidebar contains a menu with options like 'CUSTOMER ACCOUNTS', 'CHANNELS', 'CONFIGURATION', 'PAYMENT PORTALS', 'ACCOUNTS', 'TRANSACTION STATUS', 'REPORTING', 'EXPORT', 'DOWNLOADS', 'ACCOUNTING', and 'ADMINISTRATION'. The main content area is titled 'Shop portal administration' and shows 'Portal: Customweb / Woocommerce'. It features several tabs: 'General', 'Extended', 'Options', 'API-Parameter', and 'Riskcheck'. The 'General' tab is active and contains the following fields and options:

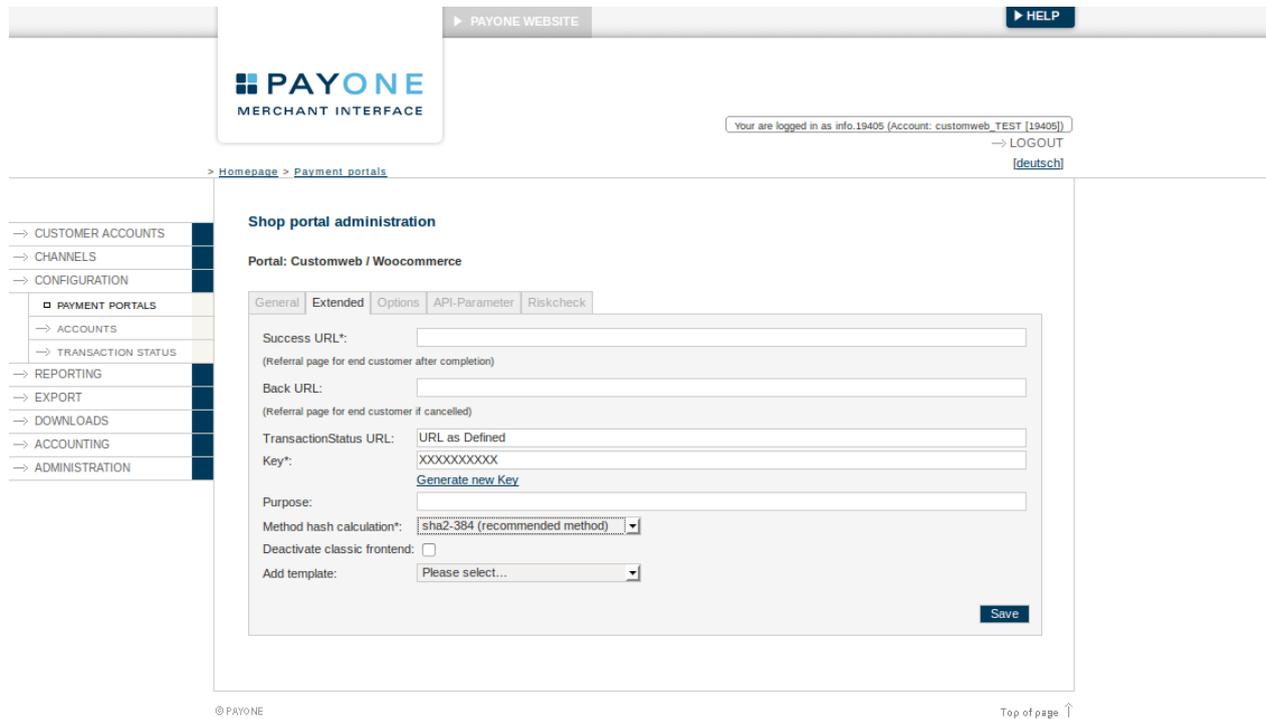
- Portal name\*:** Customweb / Woocommerce
- URL:** http://dev.customweb.com
- Sender email\*:** info@customweb.com (For emails to the end customer)
- Select channels:**
  - FinanceGate Server-API
  - FinanceGate Frontend
  - FinanceGate Client-API
- Additional response-data:**
  - Mode Live:** Switch on for additional values in API responses (Mode = Live).
    - Switched on:
    - Switched off:
  - Mode Test:** Switch on for additional values in API responses (Mode = Test).
    - Switched on:
    - Switched off:

At the bottom right of the form, there are 'Delete portal' and 'Save' buttons. The footer of the page includes '© PAYONE' and a 'Top of page' link with an upward arrow.

Figure 3.1: Tab 'General'

### 3.1.2 Shop Portal Administration: Tab Extended

In this tab you define the TransactionStatus URL. The URL you need to enter can be found directly on the general information site of the module in your shop. More information can be found in the section [Transaction-Feedback](#)). The remaining fields can be left empty. They will be filled by the module.



**Figure 3.1:** Extended configuration of the payment portal

### 3.1.3 Shop Portal Administration: API-Parameter

This tab contains all relevant information to enter in the [Main Module](#).

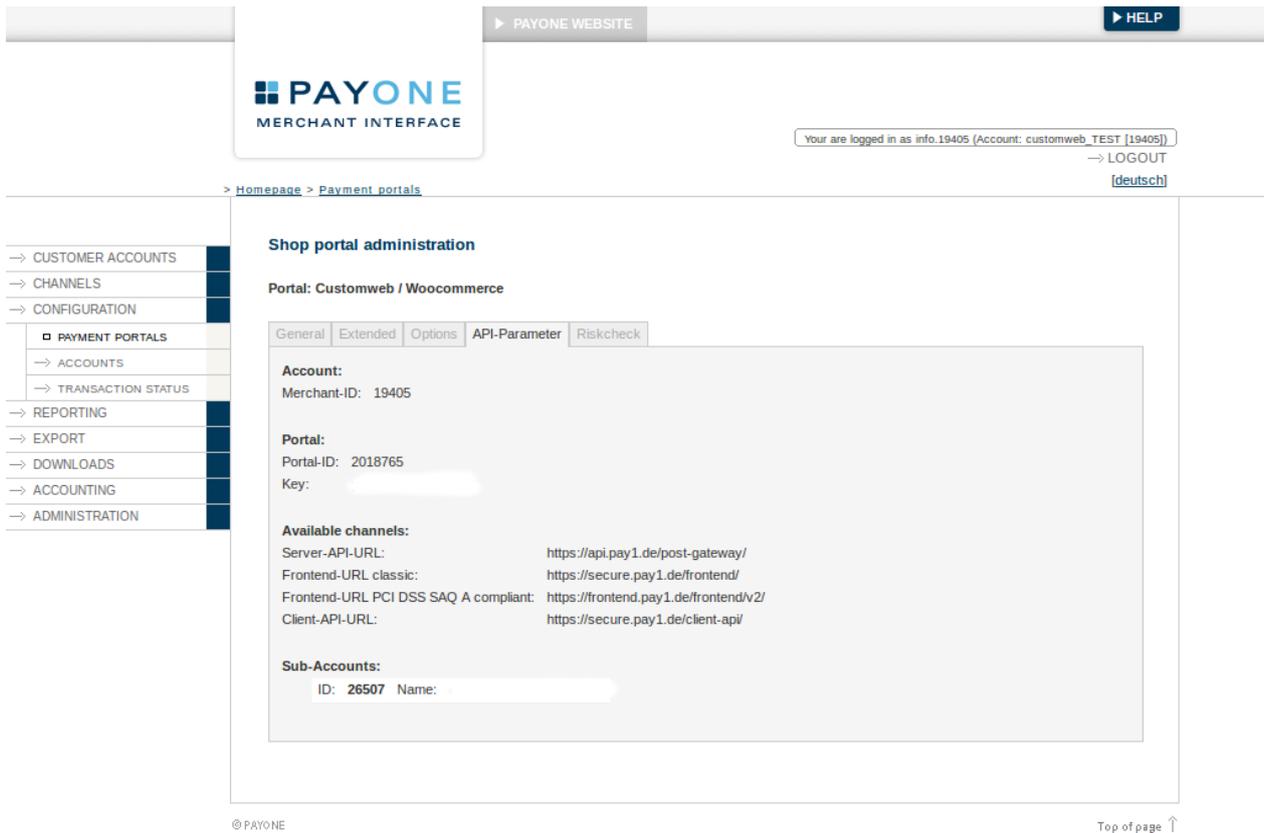


Figure 3.1: API-Parameter Configuration.

## 3.2 Authorization Methods

### PCI 3.1 - SAQ A-EP

Please note that with the changes in PCI new rules apply regarding the applicable self assessment questionnaire. If you host the forms to entering of the credit cards directly in your webshop (Hidden Authorization) or Ajax authroization new rules apply. If you want to continue to work with SAQ-A, you have to use Payment Page or the Widget Authorization.

In the configuration of the payment method you have the possibility to switch between various authorization methods. These regard primarily the depiction of the credit card forms in the shop. You'll find further information about that in chapter [authorization methods](#).

## 3.3 Account Activation

Further information on the payment method configuration and the implementations of the settings can be found [here](#). After the activation and configuration of the payment methods you can conduct a test by means of the [Test Data](#) provided in this manual. As soon as the tests As soon as the tests have been successful you can contact PAYONE to demand the activation of your account. You will be able to process payments immediately.

## 4 Module Installation and Update in the OpenCart Shop

### 4.1 Installation

At this time you should already be in possession of the module. Should this not be the case, you can download the necessary files in your customer account in the [sellxed shop](#) (Menu "My Downloads Downloads"). In order to install the module in your shop, please carry out the following steps:

1. Download the plugin. The download can be found in your sellxed.com account under "My Downloads".
2. Unzip the archive you have just downloaded.
3. In the unzipped folder navigate to the folder "files"
4. For some shops there are different versions of the plugin provided. If this is the case open the folder which corresponds to your shop version.
5. Using your preferred FTP client upload **entire content** of this folder into the root directory of your shop. For some shops there is a specific folder containing the plugins. If that is the case upload the plugin into this folder. Make sure that the folders aren't replaced but merely merged.
6. If you haven't yet done so, log back into your shop.

### 4.2 Updates and Upgrades

You have direct and unlimited access to updates and upgrades during the duration of your support contract. In order to receive constant information about available updates we ask you to subscribe to our RSS feed that we publish for your module.

More information regarding the subscription of this RSS feed can be found under: [http://www.sellxed.com/en/updates\\_upgrades](http://www.sellxed.com/en/updates_upgrades).

We only recommend an update if something doesn't work in your shop, if you want to use new feature or if there is a necessary security update.

#### 4.2.1 Update Checklist

We ask you to strictly comply with the checklist below when doing an update:

1. Always do a backup for your database and your files in your shop
2. Use always a test system to test the update process.
3. Wait until all the files are copied to the shop, clear the cache if there is one in your shop and then visit the configuration page of the main module so that the update process will be initialized.

### Do not do updates directly in the live environment

Please test the update procedure first in your test shop. Our support team is able and willing to help you if you experience problems with the update process. However, if you decide to perform the update directly in your live shop there is the possibility of a downtime of the shop of more than two days depending on the availability of our support if you do not want to book our [complementary support](#).

Depending on the version it could be that the database has to be migrated. We recommend you therefore, to perform the updates in times when the shop is not visited too frequently by your customers.

#### 4.2.2 Update Instructions

Please always read the update instruction. Those instructions can be found in the changelog. If there are no special remarks, you can proceed by just overwriting the files in your system.

## 5 Module Configuration in the OpenCart Shop

The configuration consists of two steps. The first step is the configuration of the main module with all the basic settings (cf. [Configuration of the Main Module](#)). During the second step you can then carry out individual configurations for each [payment method](#). This allows for full flexibility and perfect adaptation to your processes.

### Create backups!

Please create a backup of the main directory of your shop. In case of problems you will then always be able to return your shop to its original state.

We furthermore recommend testing the integration on a test system. Complications may arise with third party modules installed by you. In case of questions, our support is gladly at your disposal.

## 6 OpenCart 3.0 Installation - Additions

In order to guarantee smooth operations and the usage of all features please make sure that you follow the instructions below.

### 6.1 Configuration of the Main Module

You will find the settings for the main module under "**Extension > Modules > PAYONE Base Module**". Install the module by clicking **Install**.

By clicking **Edit** you can configure the main module. Enter all data in the corresponding fields. Each option is, furthermore, explained in short info texts in the shop.

### 6.2 Defining the URL for the Transaction Feedback

To ensure correct payment processing in your shop, at least one Feedback URL has to be provided in the PAYONE configuration. The URL to be entered can be found in your OpenCart Shop under: **\_\_\_setupForm\_\_\_ > Setup**

### 6.3 Configuration of the Payment Module

After having successfully configured the main module, you can find the settings for the individual payment methods in your shop under **Extensions > Payments**. Each payment method is listed individually. Install the payment methods you wish to offer to your customers. You can carry out individual settings for each payment method and thereby optimally adapt the payment methods to your existing processes. The most central options are described in more detail further below.

By clicking on **Install** the payment method is activated in your shop. Click **Edit** in order to modify the configuration of the payment method.

## 6.4 Direct Capturing of Transactions

The option "Capture" allows you to specify if you wish to debit payments directly or if you first wish to authorise them and then debit the payment at a later point.

Depending on your acquiring contract, a reservation is only guaranteed for a specific period of time. Should you fail to debit the payment within that period, the authorisation may therefore no longer be guaranteed. Further information on this process can be found below.

### Different settings between PAYONE and the module

It may be that settings saved in the payment modules overwrite settings saved in PAYONE.

## 6.5 Uncertain Status

You can specifically label orders for which the money is not guaranteed to be received. This allows you to manually control the order before shipment.

### 6.5.1 Setting the order state

For each payment method you may select in which state the order should be set to depending on the booking state. This is the initial state of the order.

## 6.6 Optional: Validation

Note: It can be that this option is not visible in your module. In this case just ignore this section.

With the option 'Validation' you can define the moment when the payment method should be made visible to the customer during the checkout process. This setting is relevant for modules where the usage depends on the customer's compliance with specific preconditions. For example, if a solvency check has to be carried out or if the payment method is only available in certain countries. In order for the credit check or address validation to also work with European characters, the charset of the "Blowfish mode" must be set to "UTF-8" for certain PSP settings.

You have the choice between these options:

- **Validation before the selection of the payment method:** A validation verification is carried out before the customer selects the payment method. If the customer does not fulfill the requirements, the payment method is not displayed
- **Validation after selection of the payment method:** The verification of the compliance occurs after the selection of the payment method and before the confirmation of the order
- **During the authorisation:** The validation verification is carried out by PAYONE during the authorisation process. The payment method is displayed in any case

## 7 Settings / Configuration of Payment Methods

### 7.1 General Information About the Payment Methods

The plugin contains the most common payment methods. In case a desired payment method is not included per default, please contact us directly.

In order to be able to use a payment method, it must be activated in your account with PAYONE as well as in your shop. Information about the configuration of the payment methods can be found further above.

Below you can find important information for specific payment methods that deviate from the standard process.

### 7.2 Information on Payment Status

For each payment method you can define an initial payment status (status for authorized payments etc.). You hereby define the payment status for each state depending on the processing type of the order (captured, authorized, etc.). It's the initial status which the order assumes. Depending on the mutation carried out by you, the status can change.

#### Important info regarding Order Status

Never set the status to **Pending PAYONE** or any similar pending status which is implemented by the module.

#### 7.2.1 Order status "pending" / imminent payment (or similar)

Orders with the status 'pending PAYONE' are pending orders. Orders are set to that status if a customer is redirected in order to pay but hasn't returned successfully or the feedback hasn't reached your shop yet (Customer closed window on the payment page and didn't complete payment). Depending on the payment method these orders will automatically be transformed into cancelled orders and the inventory will be cleared (so long as the Cronjob is activated). How long this takes depends on the characteristics of the payment method and cannot be configured.

If you have a lot of pending orders it usually means that the notifications from your webserver to PAYONE are being blocked. In this case check the settings of your firewall and ask the Hoster to activate the IPs and User Agents of PAYONE.

#### 7.2.2 Order status "cancelled"

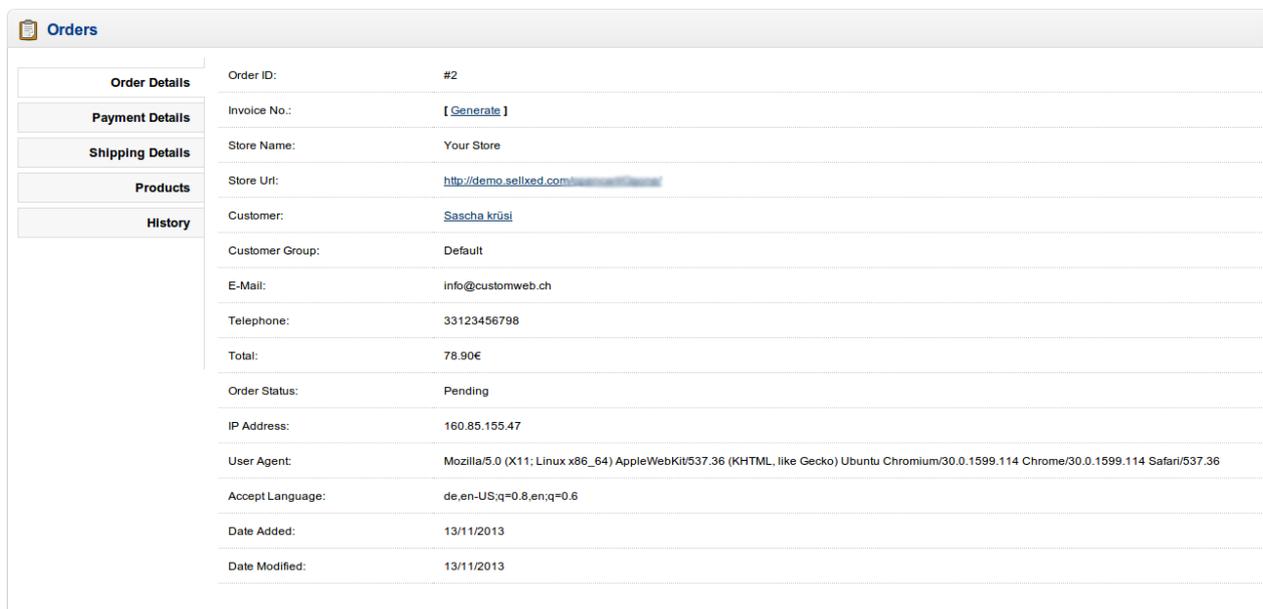
Orders with the status "cancelled" have either been set to that status automatically due to a timeout, as described above, or have been cancelled directly by the customer.

## 8 The Module in Action

Below you will find an overview of the most important features in the daily usage of the PAYONE module.

### 8.1 Useful Transaction Information on the Order

You can find an overview of the transaction information in within the order detail view. Among others, this information allows for the definite attribution of the orders to their corresponding transaction, seen in the backend of PAYONE.



Orders	
<b>Order Details</b>	Order ID: #2
<b>Payment Details</b>	Invoice No.: <a href="#">[ Generate ]</a>
<b>Shipping Details</b>	Store Name: Your Store
<b>Products</b>	Store Url: <a href="http://demo.sellxed.com/">http://demo.sellxed.com/</a>
<b>History</b>	Customer: <a href="#">Sascha Krüsi</a>
	Customer Group: Default
	E-Mail: info@customweb.ch
	Telephone: 33123456798
	Total: 78.90€
	Order Status: Pending
	IP Address: 160.85.155.47
	User Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Ubuntu Chromium/30.0.1599.114 Chrome/30.0.1599.114 Safari/537.36
	Accept Language: de,en-US;q=0.8,en;q=0.6
	Date Added: 13/11/2013
	Date Modified: 13/11/2013

Figure 8.1: Transaction Information in OpenCart.

### 8.2 Using Invoice Details of a Processor

In the following context you can view or embed the "payment details" of for example an "Open Invoice" transaction:

#### 8.2.1 OpenCart Order Confirmation (E-Mail)

The "payment information" will be visible in the default "order confirmation e-mail" of OpenCart.

#### 8.2.2 OpenCart Invoice (PDF)

This feature is not available by default in OpenCart that`s why it can not be supported by the payment gateway module.

### 8.2.3 OpenCart-Backend (Transaction details)

You can view the payment and transaction details in OpenCart under **Sales > PAYONE Transactions**. If you can not find this menu point you have to clear the OpenCart modifications under **Extensions > Modifications >**.

<b>Authorization Type</b>	PaymentPage	<a href="#">New Authorization</a>
<b>Order Status</b>	authorized	
<b>Recurring</b>	No	
<b>Created At</b>	2017-03-06 15:22:26	
<b>Updated At</b>	2017-03-06 15:22:45	
<b>Alias Active</b>	Yes	
<b>Authorisation Amount</b>	20.3	
<b>Currency</b>	EUR	
<b>Payment Method</b>	Open Invoice	
<b>Payment ID</b>	3571832	
<b>Test Transaction</b>	Yes	
<b>Transaction authorised</b>	Yes	
<b>Transaction uncertain</b>	No	
<b>Transaction paid</b>	Yes	

#### Transaction History

Date	Action	Message
2017-03-06 15:22:45	authorization	The amount of 20.30 is authorized.

#### Payment Information ⓘ

<b>HTML</b>	Bank: Customweb Test Bank Account Holder: Customweb GmbH IBAN: DE2501200000TEST000000000003 BIC: TESTBIC0003 Reference Number: BP3571832/2749
<b>TEXT</b>	Bank: Customweb Test Bank Account Holder: Customweb GmbH IBAN: DE2501200000TEST000000000003 BIC: TESTBIC0003 Reference Number: BP3571832/2749

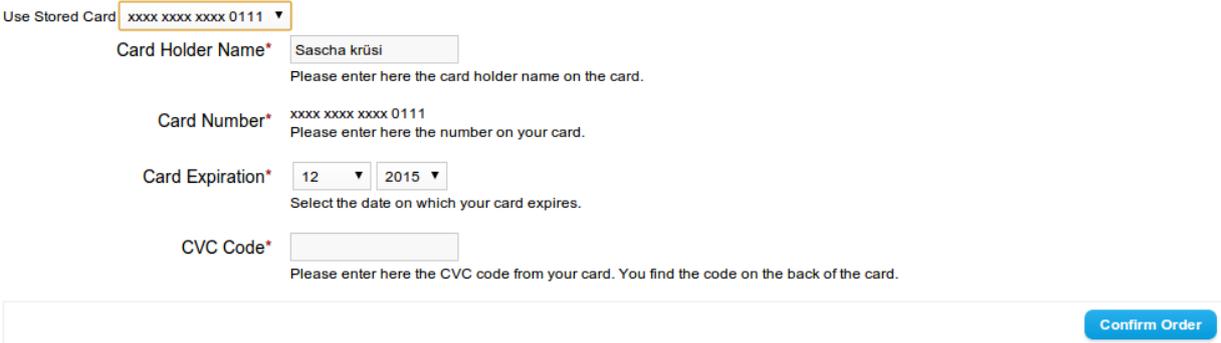
Figure 8.1: Transaction details within OpenCart.

### 8.2.4 OpenCart Success-Page

Due to technical limitations, it is currently not possible to display the "payment information" here.

## 8.3 Usage of the Alias Managers / Token Solution

With the Alias Manager, your customers can securely save their credit cards with PAYONE for later purchases. You can enable this by activating the option "Alias Manager" in the configuration of the [Payment Method](#). The customer can then choose from his or her saved credit cards without having to re-enter all the details.



**Figure 8.1:** Alias Manager

## Alias Manager Options

The usage of the Alias Managers requires the activation of the correct option with PAYONE. To do so, please contact the support directly.

## 8.4 Capturing / Cancelling of Orders

### 8.4.1 Capturing Orders

In order to capture orders, open the transaction manager under Sales > PAYONE Transactions. Here you will find an overview of all transactions. Search for the order in the field with the order numbers. By clicking "view" you will open the transaction of the order.

#### 8.4.1.1 Capturing Complete Orders or Partial Capturing

By clicking the button "Capture Transaction" a new window opens up. You can now capture every item individually in case you do not wish to send all items at once. The amount of possible partial captures depends on your contract. Please contact PAYONE directly in order to clarify questions.

## Capturing of Orders in the backend of PAYONE

The transaction management between your shop and PAYONE is not synchronised. If you capture payments with PAYONE, the status in the shop will not be updated and a second capturing in the shop is not possible.

In case you do not wish to capture all items of an order, you can close the transaction by clicking the box.

**PARTIAL CAPTURE**

With the following form you can perform a partial capture.

Name	SKU	Type	Tax Rate	Quantity	Total Amount (excl. Tax)	Total Amount (incl. Tax)
iPhone	product 11	product	0 %	<input type="text" value="1"/>	<input type="text" value="74.24"/>	<input type="text" value="74.24"/>
Flat Shipping Rate	shipping	shipping	0 %	<input type="text" value="1"/>	<input type="text" value="3.68"/>	<input type="text" value="3.68"/>
Total Capture Amount:						77.91 EUR

Close transaction for further captures

[Capture](#)

Figure 8.1: Capturing of Orders

**Partial Capturing**

Please find out if the capturing of partial amounts is supported by your PAYONE contract. If this is not the case, it might happen that the transaction is closed for further transactions after a partial capture.

### 8.4.2 Cancel Orders

By clicking "Cancel Transaction", the transaction is **cancelled** and the reserved amount on your customer's card is released automatically.



Figure 8.1: Capture or Cancel in OpenCart.

## 8.5 Refunding Orders

In order to refund orders, open the transaction information (cf. above).

You can refund individual items or any amount of your choice by modifying the total amount or the item quantity.

## PARTIAL REFUND

With the following form you can perform a partial refund.

Name	SKU	Type	Tax Rate	Quantity	Total Amount (excl. Tax)	Total Amount (incl. Tax)
iPhone	product 11	product	0 %	<input type="text" value="1"/>	<input type="text" value="74.24"/>	<input type="text" value="74.24"/>
Flat Shipping Rate	shipping	shipping	0 %	<input type="text" value="1"/>	<input type="text" value="3.68"/>	<input type="text" value="3.68"/>
Total Refund Amount:						77.91 EUR

Close transaction for further refunds

Refund

**Figure 8.1:** Refunds in OpenCart for PAYONE.

### Maximal Refund

With our module it is not possible to refund more than 100% of the originally authorised amount.

Executing a refund will not change the status of the order.

## 8.6 Setup a Cron Job to Activate the Timed Operations

To activate the timed operations of the plugin (e.g. update service, deleting pending orders, etc.) make sure that you set up the OpenCart Cron engine. Especially the update function allows you to automatically retrieve additional information or changes of your order directly via the API of PAYONE. Please note it could be that in order to use the update feature it may be necessary that PAYONE activates additional options in your account.

In order to use the timed operations, please schedule a cron job in your server to the following controller:

<https://www.your-shop.com/index.php?route=payonecw/cron/cron>

Here we suggest you use a Cron Engine like for example [EasyCron](#). That way you can This allows you to open the file ( URL ) with an external service.

## 9 Testing

Before switching from test to live mode it is important that you test the module extensively.

### Testing

Do not forget to switch the operating mode from test to live after having successfully tested the module.

### 9.1 Test Data

In the following section you can find the test data for the various payment methods:

#### SOFORT

Sofort	
IBAN	DE85123456782599100003
BIC	TESTTEST
Bank account	2599100003
Bank code	12345678

#### giropay

Sofort	
IBAN	DE46940594210000012345
BIC	TESTDETT421
ID / PIN	sepatest1 / 12345
NR / TAN	MAS_Test / 123456

#### Direct Debits

Hidden Mandate	Accept
IBAN	DE00123456782599100004
BIC	TESTTEST
Hidden Mandate	Denied - Invalid BIC
IBAN	DE00123456782599100004
BIC	TESTTESX

#### Credit / Debit Card

VISA	Verified by Visa	Visa 3D
Card number	4012 0010 3714 1112	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
3-D Secure Password	12345	
VISA	CH	Visa CH
Card number	4111 1111 1111 1111	
Expiry Date:	12/2020	

Name	Hans Muster	
CVC:	123	
VISA	DE	Visa DE
Card number	4111 1310 1011 1111	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
VISA	AT	Visa AT
Card number	4111 1210 1111 1111	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
MasterCard	MasterCard SecureCode	Mastercard 3D
Card number	5453 0100 0008 0200	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
3-D Secure Password	12345	
Mastercard		Mastercard
Card number	5500 0000 0000 0004	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
American Express		American Express
Card number	340 0000 0000 0009	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	1234	
JCB	JCB J/Secure	JCB 3D
Card number	3528 4501 3100 3315	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
3-D Secure Password	12345	
JCB		JCB
Card number	3088 0000 0000 0009	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
Maestro		Maestro
Card number	5000 0000 0000 0009	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	

Carte Bleue		Carte Bleue
Card number	4973 0100 0000 0004	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
Diners Club		Diners Club
Card number	30 0000 0000 0004	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
Discover		Discover Card
Card number	6011 1111 1111 1117	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
<b>MasterCard</b>		
Mastercard		Mastercard
Card number	5500 0000 0000 0004	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
MasterCard	MasterCard SecureCode	Mastercard 3D
Card number	5453 0100 0008 0200	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
3-D Secure Password	12345	
<b>Visa</b>		
VISA	CH	Visa CH
Card number	4111 1111 1111 1111	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
VISA	DE	Visa DE
Card number	4111 1310 1011 1111	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
VISA	AT	Visa AT
Card number	4111 1210 1111 1111	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	

VISA	Verified by Visa	Visa 3D
Card number	4012 0010 3714 1112	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
3-D Secure Password	12345	
<b>American Express</b>		
American Express		American Express
Card number	340 0000 0000 0009	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	1234	
<b>Diners Club</b>		
Diners Club		Diners Club
Card number	30 0000 0000 0004	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
<b>Discover Card</b>		
Discover		Discover Card
Card number	6011 1111 1111 1117	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
<b>Carte Bleue</b>		
Carte Bleue		Carte Bleue
Card number	4973 0100 0000 0004	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
<b>JCB</b>		
JCB		JCB
Card number	3088 0000 0000 0009	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
JCB	JCB J/Secure	JCB 3D
Card number	3528 4501 3100 3315	
Expiry Date:	12/2020	
Name	Hans Muster	
CVC:	123	
3-D Secure Password	12345	

**Maestro**

Maestro

Maestro

Card number

5000 0000 0000 0009

Expiry Date:

12/2020

Name

Hans Muster

CVC:

123

## 10 Errors and their Solutions

You can find detailed information under <http://www.sellxed.com/en/faq>. Should you not be able to solve your problem with the provided information, please contact us directly under: <http://www.sellxed.com/en/support>

### 10.1 The Referrer URL appears in my Analytics Tool

When a customer and the notification are redirected via Header Redirection, the PAYONE Referrer URL might appear in your Analytics Tool thus hiding the original traffic source. However, most Analytic Tools are able to minimize this problem.

In case you are using Google Analytics as reporting tool, this step by step guide may help you to exclude the URLs: [under bullet point 4](#).

# 11 Compatibility with Third-Party Plugins

The plugins listed below are compatible with our payment modules and allow you to handle certain tasks in an easier way.

## 11.1 Birthday and gender in OpenCart

For certain payment service providers it is necessary to check the birthday and the gender of a customer. OpenCart does not check this by default.

### How to enable gender and birthday checks in your shops checkout

1. Add two new custom fields to your checkout via your shops backend under "Customers > Custom Fields"
2. Modify the order context getters to return the value of your custom checkout field from the order / session (or wherever the previous step saves the data).

#### Order Context Getters

- AbstractOrderContext
- getBillingDateOfBirth()
- getBillingGender()

These functions can be found in "system/library/cw/Payone/AbstractOrderContext.php".

## 12 Error Logging

The module will log different unexpected errors or information depending on the configured level. If there is any issue with the module, this log can help identify the cause.

### 12.1 Log Levels

You can configure the log level in the PAYONE settings.

- Error: Logs unexpected errors only. (Default)
- Info: Logs extended information.
- Debug: Logs information helpful for debugging.

### 12.2 Log Location

The log file is stored in the default log folder of OpenCart. The path is configured in the config.php of your shop system. (Default Path: {shopRootDirectory}/system/logs or {shopRootDirectory}/system/storage/logs)

## 13 Advanced Information

This section of the manual is for advanced usage of the module. The content is for advanced users with special requirements. Everything in this section is optional and not required for the daily usage of the module.

### 13.1 Transaction Object

This section describes how to extract information from a transaction, if you need it for further processing. E.g. you require more information of the transaction for further processing an order in your ERP system.

The code snippets in this section assume your script resides in the root folder of the shop with the default shop folder structure.

In your script initialize the base of OpenCart.

#### Opencart 3.x

```
require_once('config.php');
require_once(DIR_SYSTEM . 'startup.php');
// Registry
$registry = new Registry();

// Config
$config = new Config();
$config->load('default');
$config->load('catalog');
$registry->set('config', $config);
$loader = new Loader($registry);
$registry->set('load', $loader);
$registry->set('db', new DB($config->get('db_type'), $config->get(
('db_hostname'), $config->get('db_username'), $config->get(
('db_password'), $config->get('db_database'), $config->get('db_port')));
```

Include the module specific files and set registry.

```
require_once DIR_SYSTEM.'library/cw/init.php';
require_once DIR_SYSTEM.'library/cw/PayoneCw/Util.php';
require_once DIR_SYSTEM.'library/cw/PayoneCw/Entity/Transaction.php';
PayoneCw_Util::setRegistry($registry);
```

Now you can load the transaction and then extract the transactionObject.

Load the transaction by Id:

```
$transactionById = PayoneCw_Entity_Transaction::loadById($transactionId);
$transactionObject = $transactionById->getTransactionObject();
```

Load transactions by Order ID:

```
$transactionsByOrderId = PayoneCw_Entity_Transaction::
getTransactionsByOrderId($orderId);
foreach($transactionsByOrderId as $transaction){
    $transactionObject = $transaction->getTransactionObject();
    //Do something with each object
}
```