

Version 1.0

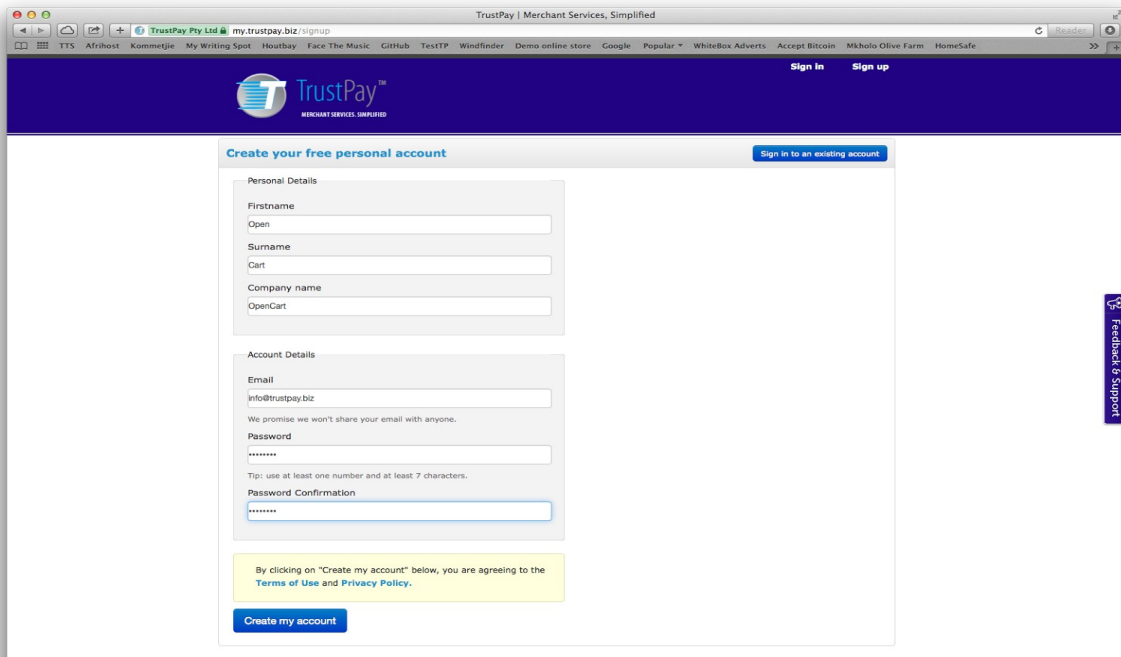
2014-05-28

Drupal (DrupalCommerce)- TrustPay Payments Implementation Guide

This document describes the steps to be taken to integrate TrustPay Payments into your Drupal (DrupalCommerce) e-commerce website.

1. Register for a TrustPay Vendor Key:

- Goto <https://my.trustpay.biz>
- Click on SignUp and create a new user account.



The screenshot shows a web browser window with the URL <https://my.trustpay.biz/signup>. The page title is "TrustPay | Merchant Services, Simplified". The TrustPay logo is in the top left, and "Sign in" and "Sign up" links are in the top right. The main heading is "Create your free personal account" with a "Sign in to an existing account" link. The form is divided into two sections: "Personal Details" and "Account Details".

Personal Details:

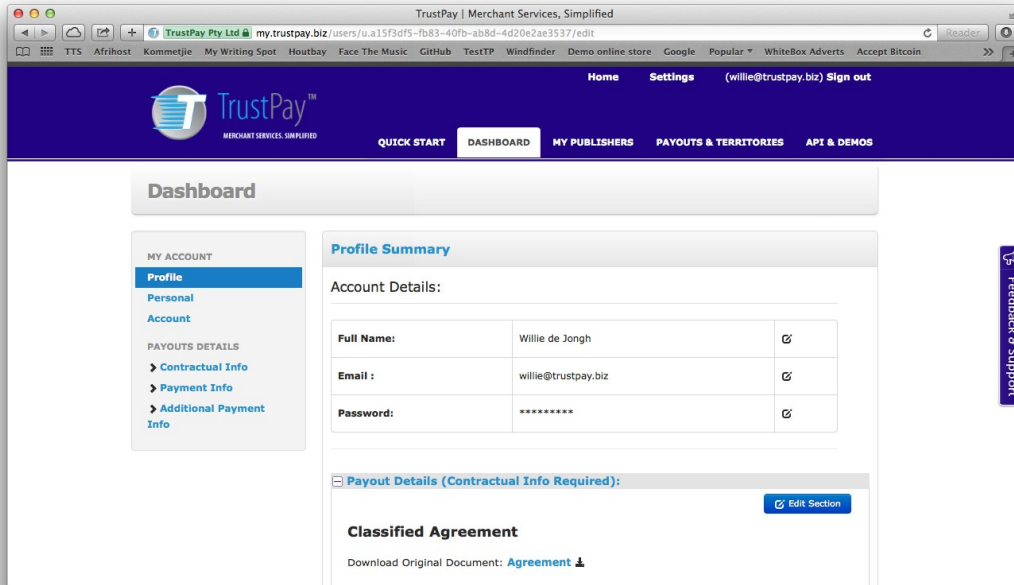
- Firstname:
- Surname:
- Cart:
- Company name:
- OpenCart:

Account Details:

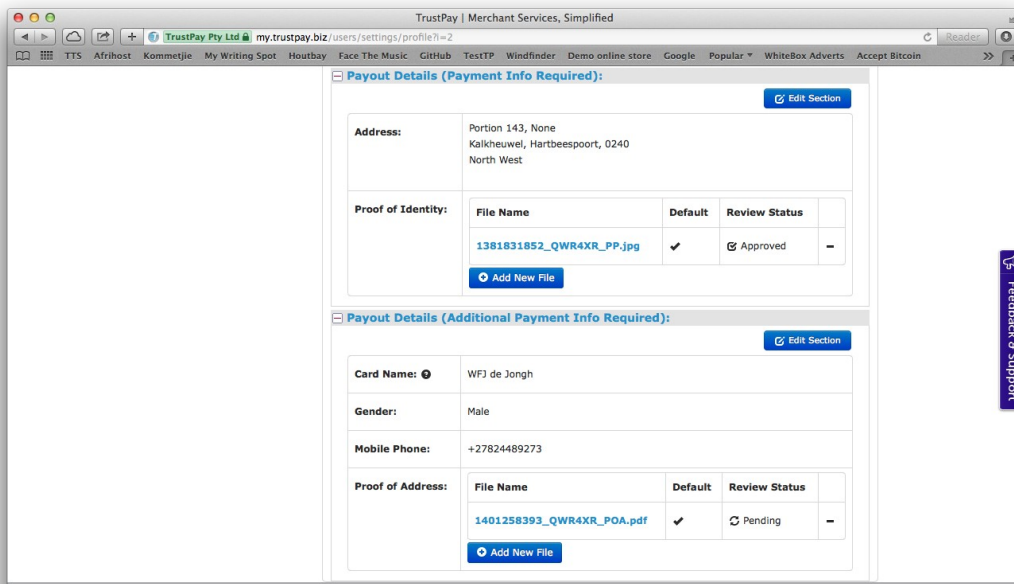
- Email:
- We promise we won't share your email with anyone.
- Password:
- Tip: use at least one number and at least 7 characters.
- Password Confirmation:

By clicking on "Create my account" below, you are agreeing to the [Terms of Use and Privacy Policy](#).

- You have to verify your email and then you can sign in to <https://my.trustpay.biz>
- Goto Settings > Profile to complete KYC information.



- You have to download the TrustPay agreement, print it, sign it, scan it and upload again.
- You have to upload a copy of your Identity document or passport and proof of residence. This will enable us to pay you up to USD 20,000 per month.



- Create a new Application for your Drupal e-Commerce website

Publishers

Sign up for a personal account → Setup your publisher → **Register your application** → Configure your payment methods

Register New Application

Publisher Details

Publisher Name: ECommerce

Application Details

Application Name: OpenCart Site

Notification URL: http://demo.opencart.com

Shared Secret: opencart.secret

Applications have their own context

The application you choose to create on the following screen will be assigned to the Publisher selected.

Notification URLs

When a transaction occurs, our server can notify yours via this URL. The message is signed with the shared secret to prevent spoofing.

Add Application **Cancel**

- The notification URL must be : http://your.drupal.url/?q=commerce_trustpay/tpn/
- Where “http://your.drupal.url” is the URL to your Drupal installation.
- Shared-Secret is any secure shared secret you choose.
- The Notification URL and shared-secret have to be configured on the Drupal side as well.
- Select the territories and payment methods that you want to support.

Publishers

Sign up for a personal account → Setup your publisher → Register your application → **Configure your payment methods**

Payment Methods/Territory Matrix

[Expand All] | [Collapse All]

AFRICA

NORTHERN AFRICA

SOUTHERN AFRICA

Payment Methods	LS	BW	NA	SZ	ZA
VOUCHER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CARRIER BILLING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CREDIT CARD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PAGA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CASHU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MPESA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FNB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
YO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

WESTERN AFRICA

EASTERN AFRICA

CENTRAL AFRICA

- Go to Application that you have created and take note of the

“Application ID”

2. Install TrustPay Module in your Drupal installation:

- For a Quickstart, it is advisable to use:
 - Drupal Commerce (<http://www.drupalcommerce.org/>)
 - Drupal KickStart (http://drupal.org/project/commerce_kickstart)
- Visit <http://www.drupal.org> and under Modules, search for “Commerce TrustPay” module.
- The “Commerce TrustPay” Drupal module has the following very dependency modules:
 - o commerce
 - o commerce_payment
 - o commerce_ui
 - o commerce_order
 - o commerce_payment_ui
 - o oauthconnector
 - o oauth2_common
 - o http_client_oauth
 - o oauth_common_providerui
- Install the module as with like any other Drupal module via Administration > Site Settings > Advanced Settings > Modules

3. Configure Drupal installation for TrustPay Module:

- Log into your Drupal Admin section
- Click on Administration > Store Settings > Advanced Store Settings > Payment Methods

Payment methods

[Home](#)
[Administration](#)
[Store settings](#)
[Advanced store settings](#)
[Payment methods](#)

Payment methods are enabled for use by the rule configurations listed below. An enabled payment rule can specify a payment method to enable using one of the available *Enable payment method* actions. The action's settings form will contain any necessary settings for the payment method that must be configured before it may be used.

[+ Add a payment method rule](#)

NEED MORE OPTIONS FOR PAYMENTS?
Commerce PayPal 2.0 now offers Express Checkout,
Payments Advanced & Payflow Link.

Enabled payment method rules

Name	Event	Status	Operations
Example payment Machine name: commerce_payment_commerce_payment_example, Weight: 0 Tags: Commerce Payment <ul style="list-style-type: none"> Available on the checkout form Available on the order payment terminal 	Select available payment methods for an order	Default	edit disable clone export
TrustPay Machine name: commerce_payment_commerce_trustpay, Weight: 0 Tags: Commerce Payment <ul style="list-style-type: none"> Available on the checkout form Available on the order payment terminal 	Select available payment methods for an order	Overridden	edit disable clone revert export

Disabled payment method rules

Name	Event	Status	Operations
American Express Machine name: commerce_payment_amex_hosted, Weight: 0 Tags: Commerce Payment <ul style="list-style-type: none"> Available on the checkout form Available on the order payment terminal 	Select available payment methods for an order	Default	edit enable clone export

- Click on the “Edit” (blue) link next to TrustPay.
- You will see the following page:

Editing reaction rule "TrustPay"

[Home](#)
[Administration](#)
[Store settings](#)
[Advanced store settings](#)
[Payment methods](#)
[Editing reaction rule "TrustPay"](#)

Events

Event	Operations
Select available payment methods for an order	delete
+ Add event	

Conditions

Elements	Weight	Operations
None		
+ Add condition + Add or + Add and		

Actions

Elements	Operations
<div> <div>+</div> <div>Enable payment method: TrustPay</div> <div>Parameter: Order [commerce-order]</div> </div>	edit delete
+ Add action + Add loop	

Settings

[Save changes](#)

- Under SubHeading Actions, click on the “Edit” (blue) link.
- You will see the following page:

Editing action "Enable payment method: TrustPay"

Home » Administration » Store settings » Advanced store settings » Payment methods » Editing reaction rule "TrustPay" » Editing action "Enable payment method: TrustPay"

Order

Data selector *

commerce-order

The data selector helps you drill down into the data available to Rules. To make entity fields appear in the data selector, you may have to use the condition 'entity has field' (or 'content is of type'). More useful tips about data selection is available in the [online documentation](#).

Data types: Select data of the type Commerce Order.

• Data selectors

[Switch to the direct input mode](#)

Payment settings

TrustPay Vendor ID *

ap.f2c7b2fd-cd35-4d4f-8997-1f85799512fb

The Vendor ID as given by the TrustPay system. Used to uniquely identify the receiving account.

Notification URL

http://demo.drupal.trustpay.biz/?q=commerce_trustpay/tpn

Notification URL configured at my.trustpay.biz.

Shared Secret

trustpay101

The Shared Secret configured at my.trustpay.biz.

Custom Success URL

The URL to which cancel payments should be directed.

Custom Cancel URL

The URL to which cancel payments should be directed.

Transaction Mode

☒ Testing Mode

☐ Live Mode

- Enter the TrustPay Vendor Id as the Application ID you got from my.trustpay.biz
- Enter the TrustPay Notification Url as the URL created on my.trustpay.biz
- Enter the Shared secret as the shared secret created on my.trustpay.biz
- Optionally enter the Success URL and Cancel URL, advisable to leave them as default.
- Check Transaction Mode whether as Test Mode or Live Mode
- Click on the "Save" button

Drupal Commerce Rules Configuration:

Administration > Site settings > Advanced settings > Configuration
Workflow Rules

Ensure that the rules for the checkout process, particularly the "Update the order status on checkout completion" are as desired.

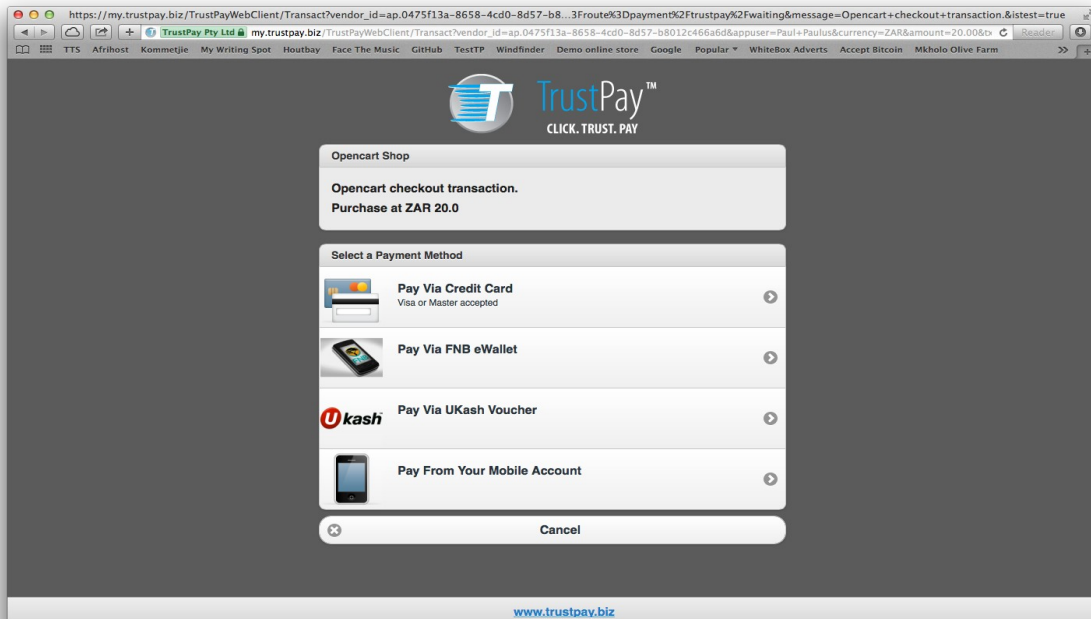
The available status are:

- Canceled
- Shopping Cart
- Completed
- Pending
- Checkout

Installation Testing

- Exit the Drupal Administration Area.

- Log onto your Drupal as a consumer
- Shop checkout and use TrustPay as Payment method



Changes

Date	Version	Changes
2014-07-09	1.0	Creation