



# Ccbill Payment Module for Prestashop 8

**Version:** 1.1.7

**Date:** 2023-09-20 13:38:13

Thank you for choosing the Ccbill Module for Prestashop 8 by Payfro. This documentation will guide you through the installation, configuration, and usage of the payment plugin. With this plugin, you can seamlessly integrate secure payment functionality into your Prestashop 8 ecommerce platform.

Please note that this documentation assumes you have a working knowledge of Prestashop 8 and its administration interface. If you encounter any difficulties or have questions during the installation or integration process, please don't hesitate to contact our support team for assistance.

## Table of Contents

1. Introduction
2. Installation
  - Prerequisites
  - Plugin Installation Steps
3. Configuration
  - Ccbill Credentials
  - API Credentials Setup
  - Ccbill Payment Method Configuration
  - Transaction Feedback & Webhooks Configuration
    - Instructions:
4. Integration
  - Checkout Process Integration
  - Order Management Integration
  - Transaction State Diagram
  - Transaction State Table
5. Testing and Debugging
  - Sandbox Environment Setup
  - Test Cases and Scenarios
  - Troubleshooting Guide
6. Security and Compliance

- Compliance Measures
- 

# 1. Introduction

The Ccbill Module for Prestashop 8 by Payfro enables you to accept secure payments on your Prestashop 8 store. With this plugin, you can offer seamless and secure payment options to your customers, enhancing their shopping experience.

## 2. Installation

### Prerequisites

Before proceeding with the installation, please ensure that you have met the following prerequisites:

- Prestashop 8.1 or greater is installed and running on your server.
- You have administrative access to the Prestashop 8 backend.
- You have Ccbill sandbox and production credentials at hand.

### Plugin Installation Steps

To install the Ccbill Module for Prestashop 8 Payment Plugin, follow these steps:

1. Download the plugin package from the Payfro website or Prestashop 8 store.
2. Access your Prestashop 8 backend administration panel.
3. Navigate to "Modules" and select "Module Manager".
4. Click on the "Upload a module" button and select the module zip file.  
**Make sure the zip file is renamed to pyfrccbill.zip**
5. After installation, configure the plugin and clear the cache.

## 3. Configuration

### Ccbill Credentials

You will require the subsequent data from your CCBill account:

- Client Account Number
- Client Sub Account
- Flexform ID
- Salt Key
- Datalink Username
- Datalink Password

### API Credentials Setup

To establish a connection with Ccbill's API, you need to set up API credentials. Follow these steps:

1. Log in to your Prestashop 8 backend.
2. Go to "Payment" and select "Payment Methods".
3. Locate the Ccbill Module for Prestashop 8 plugin and select it for configuration.
4. Enter your API credentials provided by Ccbill (API key, secret key, etc.).
5. Save the configuration settings.

## Ccbill Payment Method Configuration

Customize the payment methods of the Ccbill Module for Prestashop 8 plugin. Follow these steps:

1. Log in to your Prestashop 8 backend.
2. Locate the Ccbill Module for Prestashop 8 plugin and select it.
3. On the Ccbill configuration page click on "Configure Payment Methods".
4. Select the payment method you would like to customize.
5. Customize any additional settings or restrictions for each payment method.
6. Save the configuration settings.

## Transaction Feedback & Webhooks Configuration

When dealing with payment service provider (PSP) integrations that necessitate the use of webhooks or transaction feedback, it's important to correctly configure these components to ensure smooth communication between systems. Below, you'll find the URL for configuring your webhooks or transaction feedback within your chosen PSP's environment:

### Instructions:

Webhooks and transaction feedback are crucial for maintaining accurate and timely information exchange between your system and the payment service provider. Follow these steps to configure the webhook listener URL:

1. **Access Configuration:** Log in to your PSP's administrative dashboard or control panel. Navigate to the settings or integration section where you can manage webhooks or transaction feedback.
2. **Enter Webhook URL:** In the provided field for webhook or transaction feedback URL, input the following URL:  
`https://{YOUR_DOMAIN}/module/pyfrccbill/webhook`  
Replace `{YOUR_DOMAIN}` with the appropriate shop domain name.
3. **Save Changes:** After entering the URL, save your changes to ensure the configuration is applied.
4. **Test the Configuration:** To ensure the webhook setup is successful, perform a test transaction or trigger a webhook event as specified by your PSP's documentation. Monitor the the transaction status to confirm that data is being successfully transmitted between your system and the PSP.

By setting up your webhook or transaction feedback configuration using the provided URL, you'll establish a reliable communication channel that enables real-time updates between your system and

the payment service provider. This will help ensure that you're always up-to-date with transaction status, order changes, and other critical data related to your payment processes.

## 4. Integration

### Checkout Process Integration

To integrate the Ccbill Module for Prestashop 8 payment plugin into the checkout process, follow these steps:

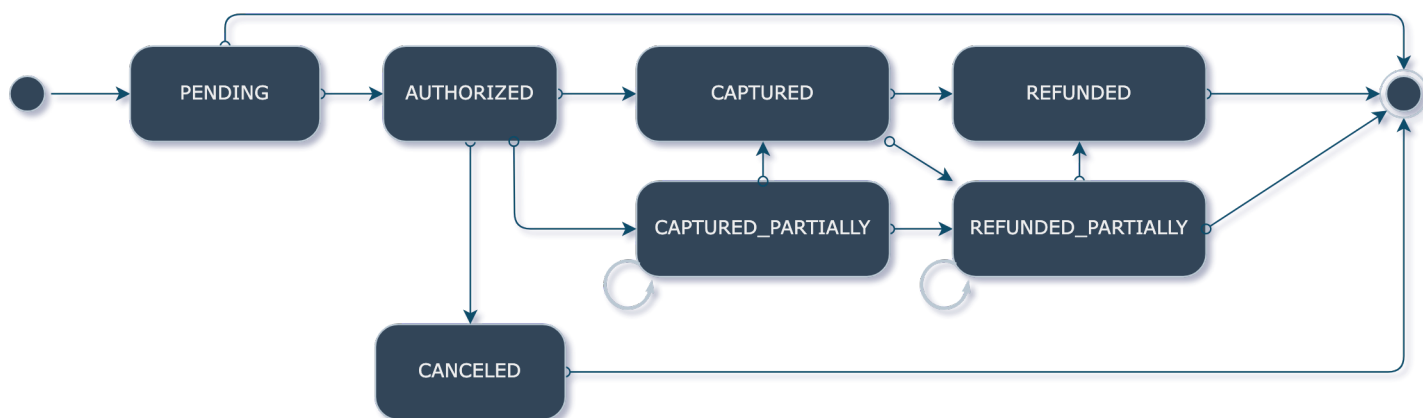
1. Access your Prestashop 8 backend.
2. Nagivate to "Payment" and select "Preferences".
3. Configure the restrictions that apply to the payment module.
4. Save the configuration settings.

### Order Management Integration

To handle captures, refunds and cancellations using the Ccbill Module for Prestashop 8 payment plugin, follow these steps:

1. Access the Prestashop 8 backend.
2. Go to "Orders" and select "Order".
3. Select the order to modify.
4. Over the "Update status" select element you can Capture, Refund or Cancel payment. \* Please take note that these requests are sent to your PSP.
5. Navigate to the Transaction State Table section in this documentation to understand what state the module handles.

### Transaction State Diagram



The transaction state diagram maps out the state flow on transactions.

### Transaction State Table

This translates to in Prestashop order states:

#	PrestaShop Order Status	Ccbill Description	Payfro Transaction Status
1	Processing in progress	Transaction amount sent to the PSP.	PENDING
2	Authorized	Transaction amount was authorised by the customer. The merchant can trigger a capture or cancel the transaction.	AUTHORIZED
3	Payment accepted	Transaction amount was captured. The merchant can trigger a refund.	CAPTURED
4	Refunded	Transaction amount was refunded.	REFUNDED
5	Canceled	Transaction amount was cancelled.	CANCELED

## 5. Testing and Debugging

### Sandbox Environment Setup

For testing purposes, set up a sandbox environment. Follow these steps:

1. Contact Ccbill to obtain sandbox API credentials.
2. Access the Prestashop 8 backend.
3. Go to "Payment" and select "Payment Methods".
4. Locate the Ccbill Module for Prestashop 8 plugin and click on it.
5. Switch to the sandbox environment and enter the sandbox API credentials.
6. Save the configuration settings.

### Test Cases and Scenarios

Perform various test cases and scenarios to ensure proper functionality. Consider the following scenarios:

- Successful payments
- Failed payments
- Captures, Refunds and Cancellations
- Handling error cases
- Verifying order and payment status updates

### Troubleshooting Guide

If you encounter any issues during the integration or testing process, refer to the troubleshooting guide provided by Payfro. The guide will assist you in resolving common issues and errors.

## 6. Security and Compliance

### Compliance Measures

Payfro's Ccbill Module for Prestashop 8 payment plugin adheres to industry compliance standards such as PCI-DSS (Payment Card Industry Data Security Standard) to maintain the highest level of security for payment transactions. The plugin ensures that your platform meets the necessary security requirements.

---

Congratulations! You have successfully installed, configured, and integrated the Ccbill Module for Prestashop 8 Payment Plugin developed by Payfro. Should you encounter any issues or require further assistance, please contact our support team at [info@payfro.com](mailto:info@payfro.com). We wish you a seamless and secure payment experience for your customers.

Best regards,

Payfro Team