



## **JCC Payment Gateway for Prestashop Installation Guide**

Version 1.0

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**Documentation**

## Document History

| Version | Date       | Author              | Reason for change |
|---------|------------|---------------------|-------------------|
| 1.0     | 03/09/2021 | JCC Payment Systems | Initial Document  |
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## A. About This Guide

The purpose of this document is to describe the installation of JCC Payment gateway Prestashop Plugin in Prestashop platform. JCC Gateway Prestashop plugin is offered for free and makes it easy to integrate with the JCC Gateway payment method in the default Prestashop checkout. This guide is a technical document addressed to programmers and developers engaged in integrating the systems they develop (e.g. online shops) with JCC's payment gateway. It describes the available integration method in a way that will allow Merchants to quickly integrate their systems with JCC's payment gateway.

## B. Solution Overview

In today's challenging business environment, it is fundamental even for small businesses to reach globally and expand their potential. The Internet presents a unique opportunity for this but at the same time businesses need to find a secure, reliable and cost-effective way of accomplishing online transactions. JCC's payment gateway offers real-time payment processing. It uses all available security measures to prevent fraudulent transactions and ensure data safety yet it's easy to integrate with merchants' systems. In addition, it allows merchants to review and manage transactions, prepare reports, etc. through a user-friendly, intuitive administration interface.

## C. Requirements

- **Test Account:** An Application form needs to be filled and submitted by the web-developer to generate API Credentials, Test Merchant ID, and Test Password. JCC Gateway Backoffice Login credentials will be generated as well.

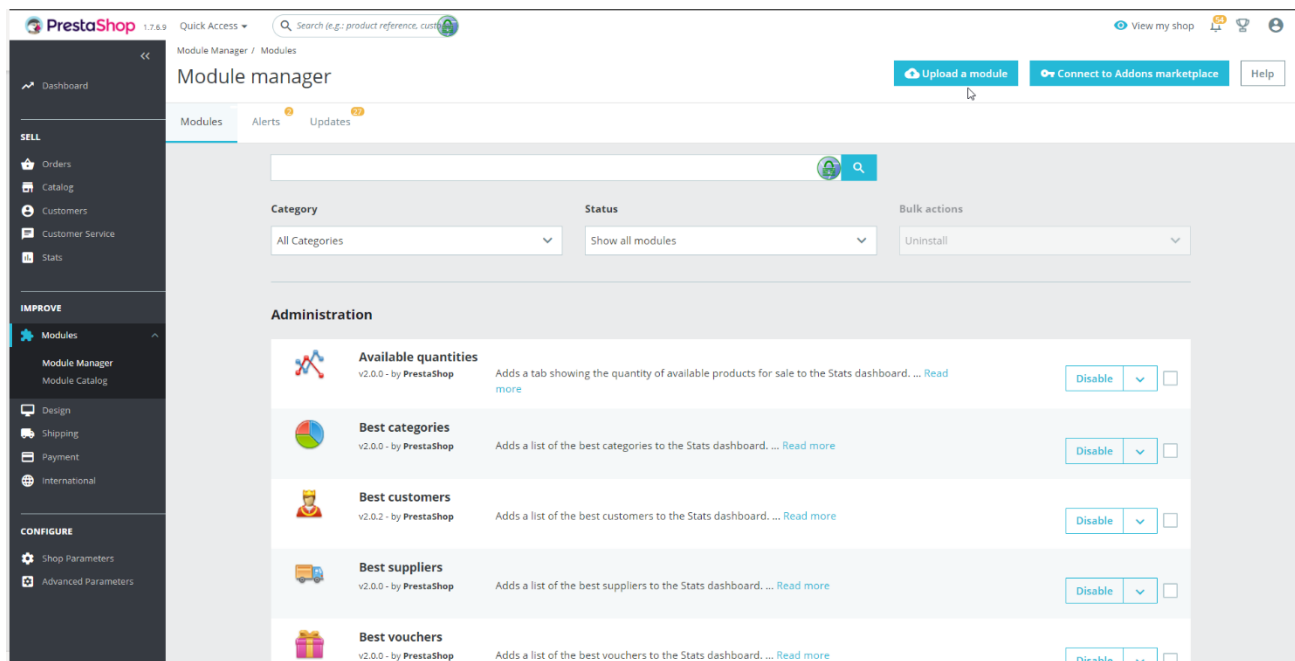
Test Account Application Form may be sent via email to [customerservice@jcc.com.cy](mailto:customerservice@jcc.com.cy).

- Install and configure JCC Gateway Prestashop Plugin in Prestashop. Instructions are shown below.

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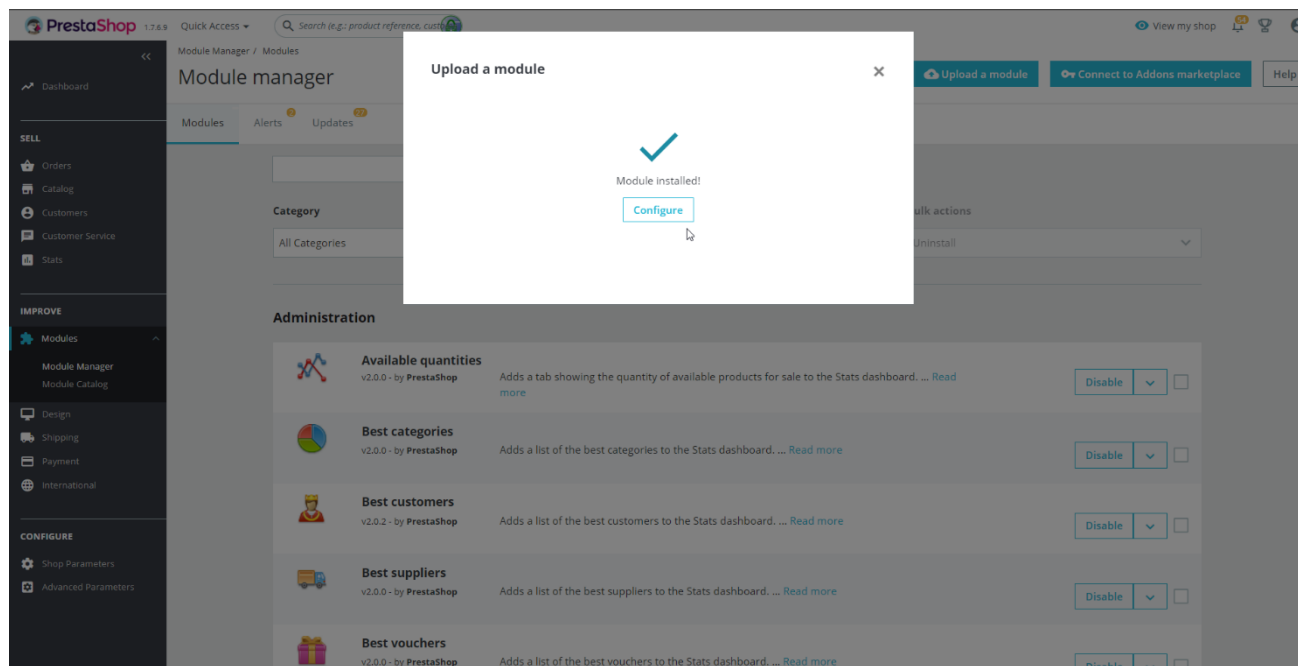
## D. Installation of plugin

1. Go to Prestashop Module Manager dashboard.



2. Upload the JCC Prestashop Plugin as a zip through **“Upload a module”** button.

3. When upload is successful you will receive the below message:



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- Press the button shown **“Configure”** which will prompt the configuration settings tab for Payment Gateway plugin.
- Configure the details of the plugin, please note that the information for the below will be provided by JCC through email, after the successful registration of a merchant. Press the bottom right button **“Save”** to save the settings

The screenshot shows the PrestaShop 1.7.6.9 interface. The left sidebar contains navigation menus for 'SELL' (Orders, Catalog, Customers, Customer Service, Stats), 'IMPROVE' (Modules, Design, Shipping, Payment, International), and 'CONFIGURE' (Shop Parameters, Advanced Parameters). The main content area is titled 'Configure JCC Payment Gateway for PrestaShop'. It features a 'SETTINGS' section with various configuration options:

- Live mode: YES (selected) / NO
- Acquirer Id: 402971
- Sandbox Merchant Id: < TEST MERCHANT ID >
- Sandbox Password: < TEST API PASSWORD >
- Production Merchant Id: < MERCHANT ID >
- Production Password: < MERCHANT PASSWORD >
- Merchant Order Id Prefix: optional
- Capture Type: Automatic
- Send Billing Info: YES (selected) / NO. Description: Allow the plugin to send billing info to the Issuing Bank in order to perform a real-time risk scoring of the transaction according to EMV 3DS (Billing Address 1, Billing Address 2, Billing City, Billing Country, Billing First Name, Billing Last Name, Billing Postal Code, Billing Email, Billing Mobile Phone, Billing State).
- Send Shipping Info: YES (selected) / NO. Description: Allow the plugin to send shipping info to the Issuing Bank in order to perform a real-time risk scoring of the transaction according to EMV 3DS (Shipping Address 1, Shipping Address 2, Shipping State, Shipping City, Shipping Country, Shipping Postal Code, Shipping Method Indicator, Shipping First Name, Shipping Last Name).
- Send General Info: YES (selected) / NO. Description: Allow the plugin to send general info to the Issuing Bank in order to perform a real-time risk scoring of the transaction according to EMV 3DS (Shipping And Billing Addresses Match, Order Description, Delivery Time Frame, Delivery Email).
- Sandbox Financial Service WSDL: https://jccpg.jccsecure.com/PgWebService/services/FinancialService?wsdl
- Financial Service WSDL: https://jccpg.jccsecure.com/PgWebService/services/FinancialService?wsdl
- Enable Merchant Callback Url: YES (selected) / NO
- Merchant Callback URL: https://dev.cloudtech.com.cylprestashop/en/module/jccpayment/confirmation (Contact JCC to whitelist the IPs of your server before enabling this option - May cause delay if IPs are not whitelisted).

A 'Save' button is located at the bottom right of the settings area.

- A successful message will appear on top.

This screenshot shows the same PrestaShop configuration page as the previous one, but with a green success message at the top: 'Settings have been updated successfully.' The configuration settings are now updated: Live mode is YES, Acquirer Id is 402971, Sandbox Merchant Id is 0017629015, and Sandbox Password is masked with asterisks. The 'Save' button is still visible at the bottom right.

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7. You are able now to see the option “JCC Gateway” in the checkout of your website.

The screenshot shows the checkout page of a store named "my store". The page is divided into several sections:

- Navigation:** A mouse cursor is at the top left. "Contact us" is at the top right.
- Progress Bar:**
  - ✓ PERSONAL INFORMATION (with an "edit" link)
  - ✓ ADDRESSES (with an "edit" link)
  - ✓ SHIPPING METHOD (with an "edit" link)
  - 4 PAYMENT**
- Payment Options:**
  - ☐ Pay by Check
  - ☐ Pay by bank wire
  - ☐ Pay with PayPal | It's simple, easy and more secure (with a PayPal logo)
  - ☒ JCC Gateway
- Terms and Conditions:**
  - ☒ I agree to the [terms of service](#) and will adhere to them unconditionally.
- Order Button:** A blue button labeled "ORDER WITH AN OBLIGATION TO PAY".
- Cart Summary (Right Side):**
  - 1 item
  - [show details](#) (with a dropdown arrow)
  - Subtotal: €34.18
  - Shipping: Free
  - Total (tax incl.): €34.18**
- Policies (Right Side):**
  - Security policy (edit with Customer reassurance module)
  - Delivery policy (edit with Customer reassurance module)
  - Return policy (edit with Customer reassurance module)



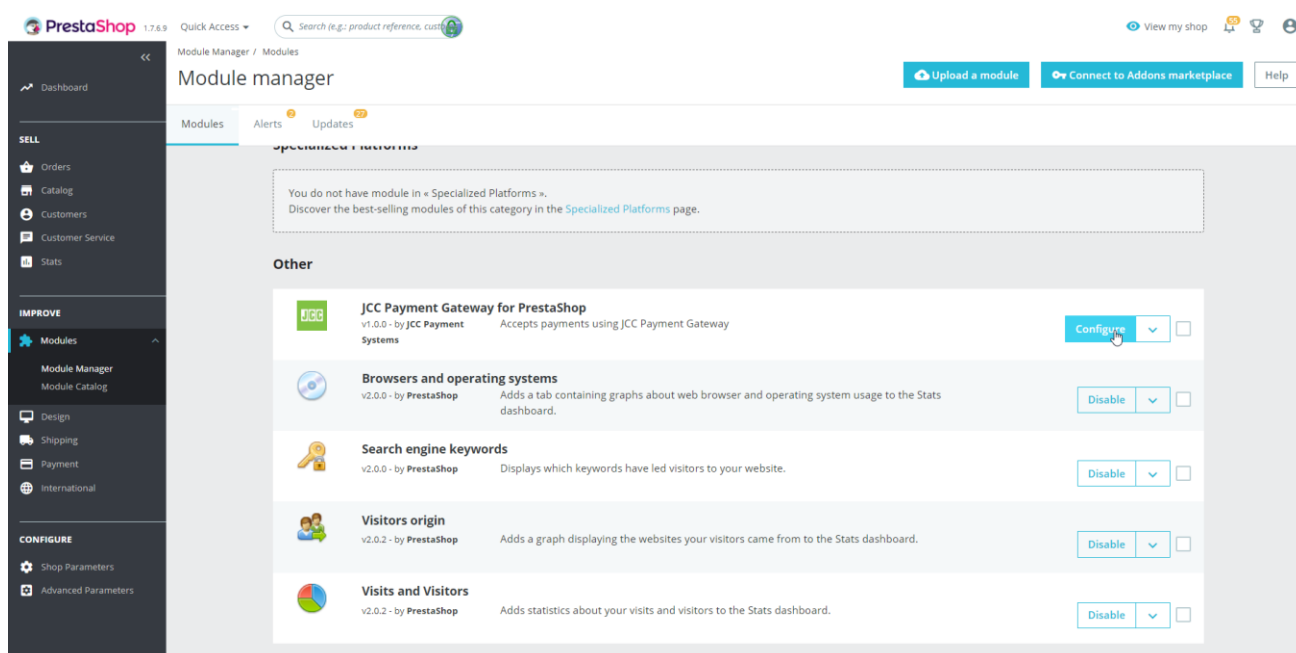
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## E. Switch to Production

Once the website has been tested by the Merchant, Developers must request a test from JCC to ensure that the implementation in the test environment is working as expected.

If the test is successful JCC will send the **Production API Credentials** to the customer, which are needed in order to send transactions in the production environment. The below procedure must be done to enable production environment in Prestashop – JCC Plugin.

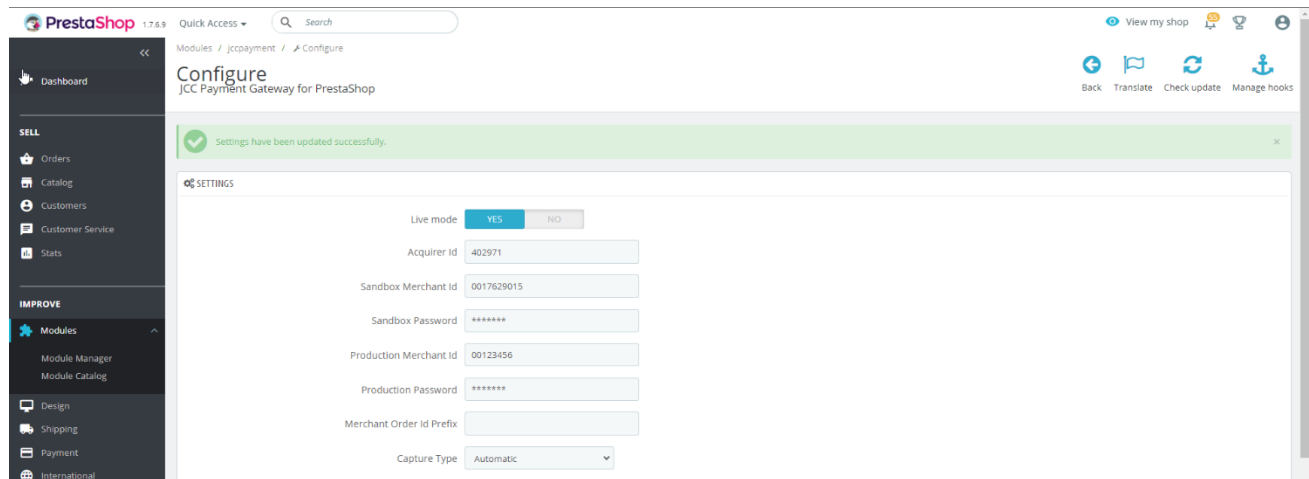
1. Go to Prestashop > **Improve** > **Modules** > **Module Manager**.  
Find JCC Payment Gateway. Click on **Configure**.



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- Switch Live mode to **“Yes”**. Complete the **Production Merchant ID** and **Production Password** and save the settings.

You will receive a confirmation message such as **“Settings have been updated successfully”**.



**Configure**  
JCC Payment Gateway for PrestaShop

Settings have been updated successfully.

**SETTINGS**

Live mode: ☒ YES ☐ NO

Acquirer Id: 402971

Sandbox Merchant Id: 0017629015

Sandbox Password: \*\*\*\*\*

Production Merchant Id: 00123456

Production Password: \*\*\*\*\*

Merchant Order Id Prefix:

Capture Type: Automatic

## F. Payment Preview

The payment method will now be shown on the website checkout page.

The screenshot shows a checkout page for 'my store'. The left sidebar contains a list of steps: PERSONAL INFORMATION, ADDRESSES, SHIPPING METHOD, and 4 PAYMENT. The '4 PAYMENT' section is active, showing three radio button options: 'Pay by Check', 'Pay by bank wire', and 'Pay with PayPal | It's simple, easy and more secure'. The 'JCC Gateway' option is selected with a blue circle. Below the options is a checkbox for 'I agree to the terms of service and will adhere to them unconditionally.' and a blue button labeled 'ORDER WITH AN OBLIGATION TO PAY'. The right sidebar shows a summary of the order: '2 items', 'show details', 'Subtotal €56.93', 'Shipping Free', and 'Total (tax incl.) €56.93'. Below the summary are three sections: 'Security policy (edit with Customer reassurance module)', 'Delivery policy (edit with Customer reassurance module)', and 'Return policy (edit with Customer reassurance module)'. The footer of the page reads '© 2021 - Ecommerce software by PrestaShop™'.

By Selecting JCC GATEWAY for payment the below screen displayed to update the card information. **Test Cards** and **Developer guide** may be downloaded from JCCgateway Backoffice using your login credentials.



If the transaction is approved, a purchase for  
the name

will appear in your bank statement under



Card Number :  0

Expiry Date (Month / Year) : 06 ▼ 20 ▼

CVV2/CSC :  ?

SUBMIT

[Cancel and return to Merchant's website](#)



Session Timeout

04:52



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## G. Technical Specifications

The below values are those shown in **Payments → JCC Payment Gateway** screen.

| FieldName                      | Description  | Type    | Length | Required |
|--------------------------------|--|---------|--------|----------|
| Live Mode                      | Enable Production or Test JCC Payment Gateway (Yes / No)                                   | Boolean |        | Yes      |
| Title                          | This is shown on the option to select JCC Payment Gateway description                      | String  |        | Yes      |
| Sandbox Financial Service WSDL | Prefixed value   |         |        | Yes      |
| Sandbox Merchant ID            | Merchant ID provided by JCC to use for accessing Test environment                          | Integer |        | Yes      |
| Sandbox Password               | API Password provided by JCC for accessing Test Environment                                | String  |        | Yes      |
| Financial Service WSDL         | Prefixed value   |         |        | Yes      |
| Production Merchant ID         | Merchant ID provided by JCC to use for accessing Production environment                    | Integer |        | No       |
| Production Password            | API Password provided by JCC for accessing Production Environment                          | String  |        | No       |
| Merchant Order ID Prefix       | When used it will be added in front of the Merchant Order ID                               | String  |        | No       |
| Acquirer ID                    | Prefixed value (402971)  | Integer |        | Yes      |
| Capture Type                   | Can be used to select to either authorize manually the transaction or Automatically        | String  |        | Yes      |
| Signature Method               | Must be only SHA1  | String  |        | Yes      |
| Enable Merchant Callback URL   | Enable Callback functionality – It will need to whitelist merchant IPs from JCC (Yes / No) | Boolean |        | Yes      |
| Merchant Callback URL          | URL to receive server side real-time communication update for transactions                 | String  |        | No       |