

# Moip for Magento2

Welcome to our Wiki. To make it easier to understand, we separate our content into specific pages.

## Installation

[By Composer](#)

By Magento Marketplace (soon)

## Configuration

[Authorize APP](#)

[Attribute Relationship](#)

[Set-up Installment](#)

[Set-up Boleto](#)

## Important

[Requirements](#)

[Payment Testing](#)

## Installation BY composer

### ***Installation***

In the project folder run:

```
composer require moip/magento2  
php bin/magento setup:upgrade
```

### ***Recommendation***

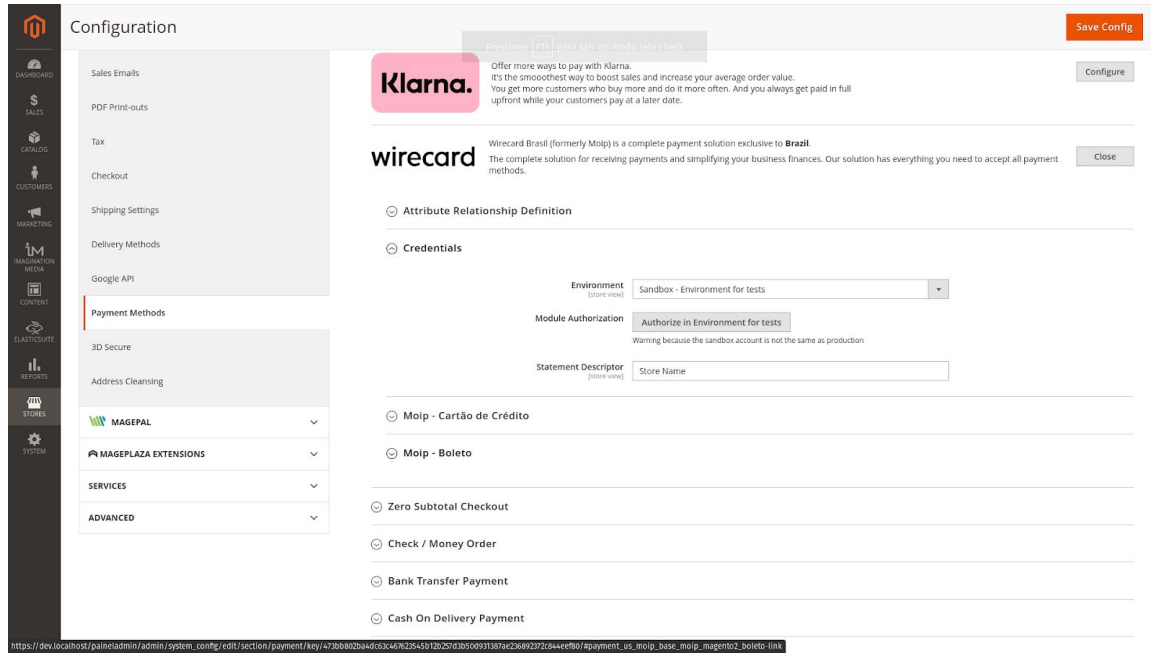
the command:

```
composer clearcache
```

can be used to clear composer cache. In case of installation errors, please run the command and try again.

## Authorize APP

After installing the module, you must authorize the creation of transactions in the APP. To do this, go to Stores -> Settings -> Payment Methods -> Wirecard -> Credentials. In this process you can still choose the Environment



Sandbox - Environment for tests, where there will be no debit with the card operator. For this Environment you must have a specific credential for access, it is different from the production Environment.

Production - Environment for real order processing.

After choosing the Environment, you can click on “Authorize in Production” account:

Enter your login and password for the moip account (if it is not already logged in to Moip) and you will see a screen for requesting permission to use the app. Click "Allow".



After this you will be redirected to the admin page. This process generates an oAuth key for your store, plus set account preferences.

## Attribute Relationship

You can customize via admin page the field relationship between your application and our API. By default the expected values are set in the module installation as

Moip	Magento	Validation Required	Expected data type
CPF/CNPJ	vat_id	Required and validated	Int
Logradouro	street_1	Required	string
Número	street_2	Required	int
Bairro	street_3	Required	string
Complemento	street_4	Optional	string

On the admin page you can change this attribute relationship by going to Shops -> Settings -> Payment Methods -> Moip Base. Open the Advanced Settings session and change the relationship.

The screenshot shows the Magento Configuration interface. On the left is a vertical sidebar with navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Integration Media, Content, Elasticsearch, Reports, Stores, and System. The main content area is titled 'Configuration' and features a 'Save Config' button in the top right. Below the title, there are sections for 'Klarna' and 'wirecard'. The 'wirecard' section is expanded to show 'Attribute Relationship Definition'. This section lists attributes and their sources:

- The CPF attribute is obtained from the [store view] by address form (checkout) [Use system value]
- The CPF attribute is [store view] var\_id [Use system value]
- The Street attribute is [store view] 1st line of the street [Use system value]
- The address number is [store view] 2nd line of the street [Use system value]
- The address district is [store view] 3rd line of the street [Use system value]
- The address complement is [store view] 4th line of the street [Use system value]

Below this list are several collapsed sections: Credentials, Moip - Cartão de Crédito, Moip - Boletto, Zero Subtotal Checkout, and Check / Money Order.

in this process you can define where you get the attributes of VAR, company name, and these can be obtained from the account creation form (customer) or the checkout form (address shipping and billing).

This process only allows changing the relationship, not the validation that we expect to receive from the attributes.

## Set-up Installment

You can customize the interest settings that your store will practice. This personalization will not affect the fees that Moip will charge in your account, however you can obtain it by taking part of the interest or even assuming all the installment interest for each installment.

The first step is to understand the interest model that is practiced, whether it is a compound interest or simple interest, here you can consult your Moip account manager. Usually the interest charges on Moip accounts are simple interest.

After that choose the maximum number of plots:

Maximum number of installments

In Moip the maximum possible installment is 12 plots. But you can choose to reduce number of installments according to your business rule.

Set the minimum value per plot.

Minimum value of installment

In Moip the minimum value per installment can not be less than 5 reais, but if you want you can change this value for your rule of example a minimum value of 20 reais.

Then define the interest rate for each plot:

Interest on the 2nd tranche	<input type="text" value="4.50"/>
Interest on the 3rd tranche	<input type="text" value="5.00"/>
Interest on the 4nd tranche	<input type="text" value="5.50"/>
Interest on the 5nd tranche	<input type="text" value="6.50"/>
Interest on the 6nd tranche	<input type="text" value="7.50"/>
Interest on the 7nd tranche	<input type="text" value="8.50"/>
Interest on the 8nd tranche	<input type="text" value="9.50"/>
Interest on the 9nd tranche	<input type="text" value="10.50"/>
Interest on the 10nd tranche	<input type="text" value="11.50"/>
Interest on the 11nd tranche	<input type="text" value="12.00"/>
Interest on the 12nd tranche	<input type="text" value="12.50"/>

At the first installation we will apply the default values of our module. You can change these values according to your individual contract with us or even suit your business rule.

### ***Business rule's exemple***

Your store parcels the orders in 4x without interest with the minimum value of 20 reais per parcel. In this case, change the "Minimum plot value" to 20

Maximum number of installments

and the interest rate applied in installments 2, 3 and 4 to 0.

Interest on the 2nd tranche	<input type="text" value="0"/>
Interest on the 3nd tranche	<input type="text" value="0"/>
Interest on the 4nd tranche	<input type="text" value="0"/>
Interest on the 5nd tranche	<input type="text" value="6.50"/>
Interest on the 6nd tranche	<input type="text" value="7.50"/>



## Set-up Boleto

In the configuration section of the boleto bancário you can define:

Expiration Time

Days due

Consecutive days.

Instructions printed on the ticket

Instruction - 1st line

Information will be printed on the boleto.

Instruction - 2st line

Information will be printed on the boleto.

Instruction - 3st line

Information will be printed on the boleto.

Instructions displayed on checkout

Customer orientation at checkout

Information displayed on checkout.

## Requirements

### Module Compatibility

Our module is compatible with version 2.4+ of Magento

Requires php7 minimum of 7.0.2

## Payment Testing

We recommend that all tests be done only in sandbox environment(ver palavra ambiente no termo técnico) and after the basic configuration processes, start with the payment by bank ticket.

If you do not have a test account yet, you will need to create a test account here.

For the testing process you must have authorized the module in Sandbox. Our Sandbox (test environment(ver palavra ambiente no termo técnico) follows the same production authorization flow, however the access credentials are different as well as the test monitoring interface.

You can follow your test requests through our sandbox account panel

### ***Testing payment with ticket***

If everything goes well, on the success page you can view information about your ticket. Analyze the information received in the Moip account for the client address, if necessary adjust the attribute parameterization that you performed in the Attribute Relationship configuration

### ***Testing an approved credit card payment***

You can place order with your personal credit card, sandbox does not occur the order processing with the operator, still if you prefer you can use the following cards for testing:

Flag	Number of Test Card	CVV	Expiration
Visa	4747474747474747	123	10/20
Mastercard	5453010000066167	123	10/20
Elo	6362970000457013	123	10/20
Dinners	36490102462661	123	10/20
AmericanExpress	376449047333005	1234	10/20

Hiper	6370950000000005	123	10/20
Hipercard	6062825624254001	123	10/20

### ***Testing a canceled payment by credit card***

You can follow the same steps as an authorized purchase, however in the field "printed name" use the term CANCELLED. This will cancel the transaction as an "undefined" reason.