

GPN DATA International

Prestashop GPN Plugin Guide





Table of Contents

| | |
|---|----|
| 1. Introduction | 3 |
| 1.1. How to contact GPN's TechSupport? | 3 |
| 2. Step by Step Installation of GPN Data Plugin | 4 |
| 2.1. Upload Plugin..... | 5 |
| 2.2. Configuration of Plugin..... | 6 |
| 3. Modifying Orders..... | 10 |
| 3.1. Capture Order | 11 |
| 3.2. Cancel Order | 12 |
| 3.3. Refund Order | 14 |
| 4. Glossary..... | 16 |



1. Introduction

This manual contains the necessary information for the user to install the Prestashop Plugin for Prestashop platform to connect to GPN Data. It includes a step by step tutorial for the installation of the Plugin. For any issue, not mentioned in this Manual, and to obtain the Plugin please contact our 24x7 Tech Support team or your GPN DATA Sales Account Manager.

1.1. How to contact GPN's TechSupport?

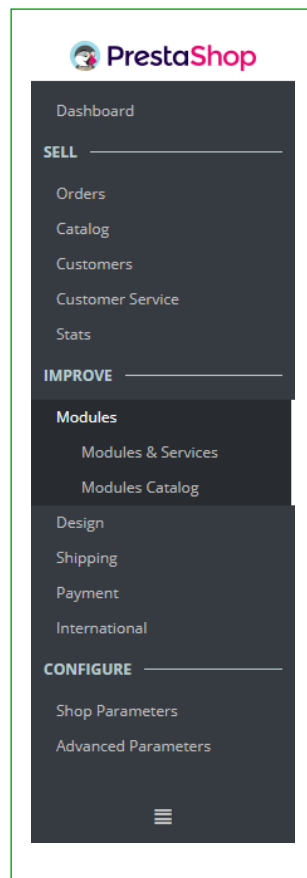
To obtain GPN Data Prestashop Plugin and for any Technical related question please contact our TechSupport Team available 24/7/365 via Merchant Back Office Chat and Skype.

Financial or commercial questions should be addressed to your GPN DATA Sales Account Manager.

2. Step by Step Installation of GPN Data Plugin

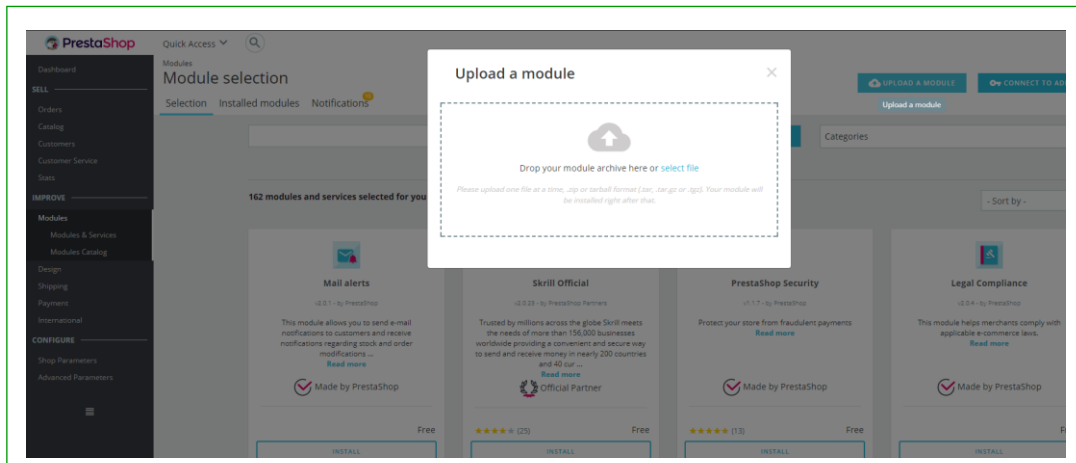
To install GPN DATA Prestashop plugin following procedure must be followed:

- Click on Modules -> Modules & Services

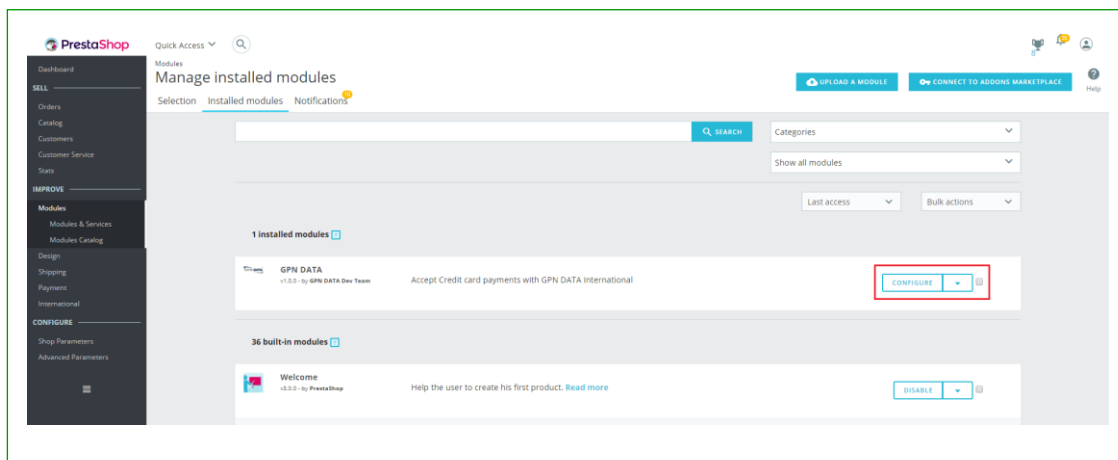


2.1. Upload Plugin

- Click to Upload a module, browse for module zip package and upload it.

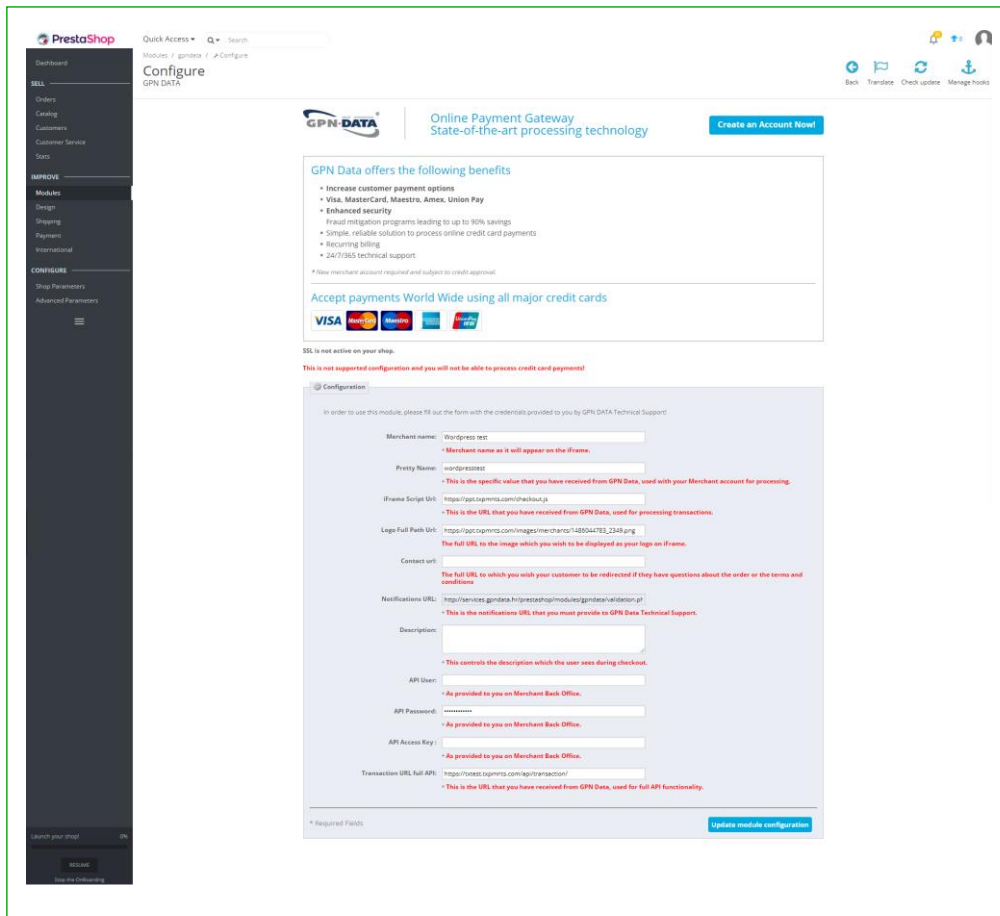


- Once you have installed the module, you can find it in Installed modules list and click *Configure*



2.2. Configuration of Plugin

Shown below is the GPN DATA Configuration Page where you can setup everything you need to start processing transactions.

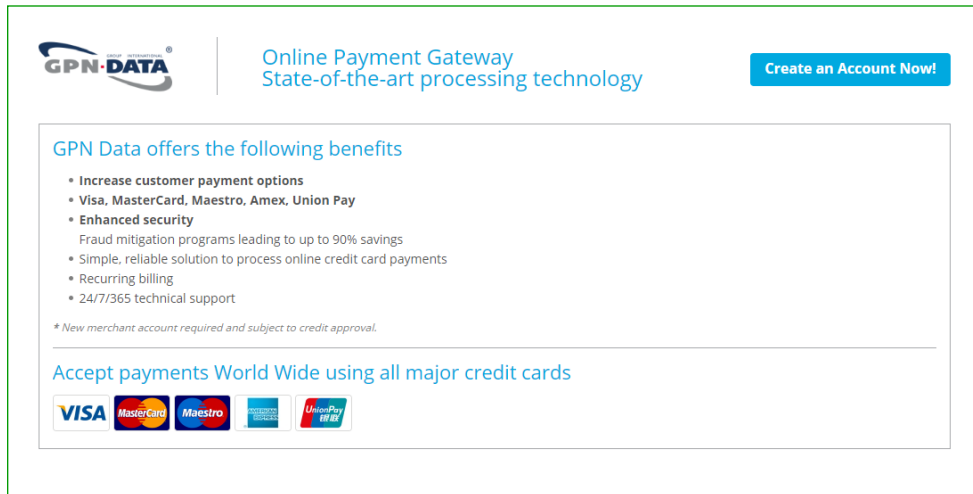


The screenshot shows the PrestaShop administration interface for configuring the GPN DATA plugin. The page includes a sidebar with navigation options like 'Dashboard', 'SELL', 'IMPROVE', and 'CONFIGURE'. The main content area features the GPN DATA logo and a 'Create an Account Now!' button. Below this, there is a section titled 'GPN Data offers the following benefits' with a list of advantages such as 'Increase customer payment options' and 'Enhanced security'. A warning message states 'SSL is not active on your shop. This is not supported configuration and you will not be able to process credit card payment!'. The 'Configuration' section contains a form with the following fields and instructions:

- Merchant name:** - Merchant name as it will appear on the iFrame.
- Pretty Name:** - This is the specific value that you have received from GPN Data, used with your Merchant account for processing.
- iFrame Script URL:** - This is the URL that you have received from GPN Data, used for processing transactions.
- Logo Full Path URL:** - The full URL to the image which you wish to be displayed as your logo on iFrame.
- Contact url:** - The full URL to which you wish your customer to be redirected if they have questions about the order or the terms and conditions.
- Notifications URL:** - This is the notifications URL that you must provide to GPN Data Technical Support.
- Description:** - This controls the description which the user sees during checkout.
- API User:** - As provided to you on Merchant Back Office.
- API Password:** - As provided to you on Merchant Back Office.
- API Access Key:** - As provided to you on Merchant Back Office.
- Transaction URL full API:** - This is the URL that you have received from GPN Data, used for full API functionality.

At the bottom of the configuration form, there is a 'Required Fields' label and an 'Update module configuration' button.

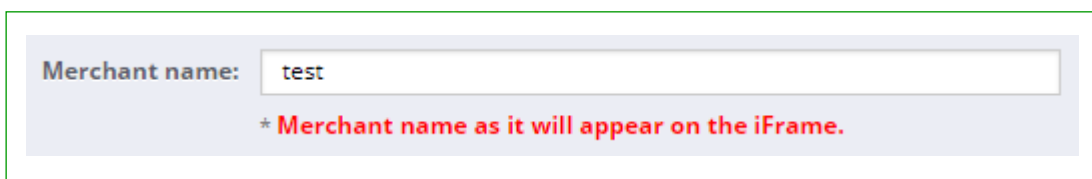
- In the first part of the page there is the short description and benefits you get by using the GPN DATA Payment Gateway



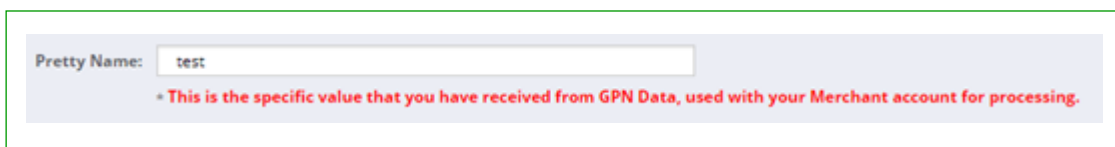
You can also create GPN DATA Merchant Account if you don't already have one by clicking on *Create an Account Now!* button, where you will be redirected on GPN DATA webpage of our locations with the possibility to send an application form.

The second part of the page shows the configuration pane where you need to input values given to you by technical support staff along with your own business information. It is required to input data in all fields marked with asterisk sign (*). Under every field is a **description** of data that should be entered. Required fields are:

- **Merchant Name** – your Merchant name that will appear to customers on the Payment Page



- **Pretty Name** – Specific valued provided by our technical support staff and used with your Merchant account for processing



- **iFrame Script URL** – URL provided by our technical support staff used for processing transactions

iFrame Script Url:

* This is the URL that you have received from GPN Data, used for processing transactions.

- **Logo Full Path Url** – URL for the logo which will be shown on the iFrame

Logo Full Path Url:

The full URL to the image which you wish to be displayed as your logo on iFrame.

- **Contact URL** – URL provided by our technical support staff for a page where you can redirect customer in case he has question(s) about the product or Terms and Conditions

Contact url:

The full URL to which you wish your customer to be redirected if they have questions about the order or the terms and conditions

- **Notifications URL** – URL that you provide to our technical support staff so that we know which URL to use for sending notifications about the state of transactions; given URL is then automatically entered in this field and set up so you can't modify it

Notifications URL:

* This is the notifications URL that you must provide to GPN Data Technical Support.

- **Description** – text that will be shown to customer during checkout phase and on every transaction after it is processed

Description:

* This controls the description which the user sees during checkout.



- **API User** – API Username for your Merchant Account provided by our technical support staff

API User:

* As provided to you on Merchant Back Office.

- **API Password** – API password for your Merchant Account provided by our technical support staff

API Password:

* As provided to you on Merchant Back Office.

- **API Access Key** – API Access Key for your Merchant Account provided by our technical support staff

API Access Key :


* As provided to you on Merchant Back Office.

When you are done with changes, click *Update module configuration*, and you are ready for processing transactions.

3. Modifying Orders

Once the customer has completed checkout phase, a new order will be created in Prestashop. Clicking on the Order you can see its details. To see the GPN Data for the selected Order you need to scroll down to the “GPN DATA – Payment information” section.

Payment information



| | |
|---------------------------|---------------------------------|
| Transaction number | 235-1523434888281 |
| Current transaction state | AUTHORIZED |
| Current state description | Test approved, 3DS not enrolled |
| Status date | 2018-04-11 10:21:51 |
| Total amount | 128.10 |
| Currency | HRK |
| Installment count | 0 |

| Transactions | Status date | Status | Amount | Description | Additional text | Error message |
|--------------|-------------|-------------------------|--------|-------------|-----------------|---------------|
| Captured? | No | CAPTURE | | | | |
| Voided? | No | VOID | | | | |

Here you can see the details of the transaction with the data provided by GPN Data Gateway.

Notice: In order to be able to fully use GPN Data Prestashop plugin you will need to enable SSL (HTTPS) on your server.


In case you don't, the plugin will serve only as a tool to process transactions done by customers with credit card selected as a payment option. All modifications of transaction will then have to be performed through GPN MBO (Merchant Back Office).

3.1. Capture Order

If you are using Preauthorization as a type of transaction processing, then the newly created Order, once the customer finishes with checkout, will initially be in status AUTHORIZED. In case you don't use Preauthorization, then the transaction will immediately be CAPTURED after the customer finishes checkout phase.

In order to finish payment, you will have to perform **Capture** transaction. The following can be done by clicking on *Capture* button shown in Order details under "GPN DATA - Payment information" section, as shown below.

Payment information



| | |
|---------------------------|---------------------------------|
| Transaction number | 235-1523434888281 |
| Current transaction state | AUTHORIZED |
| Current state description | Test approved, 3DS not enrolled |
| Status date | 2018-04-11 10:21:51 |
| Total amount | 128.10 |
| Currency | HRK |
| Installment count | 0 |

| Transactions | Status date | Status | Amount | Description | Additional text | Error message |
|--------------|-------------|--|--------|-------------|-----------------|---------------|
| Captured? | No | CAPTURE | | | | |
| Voided? | No | VOID | | | | |

The following pop-up will open asking you for the amount which you want to Capture. Depending on the Acquirer, you can either perform full or partial Capture. If the Acquirer supports partial Capture for the given transaction, you will be able to modify amount to be less than the originally authorized amount.

Capture transaction
×

Please enter capture amount


Amount:

Amount available: 128.10

Input the wanted amount to be captured and press *Capture payment*.

Once the payment has been Captured the *Current transaction state* will change and under the *Transactions* will show up a new record, showing the details of Captured transaction.

Payment information



| | |
|---------------------------|---------------------|
| Transaction number | 235-1523434888281 |
| Current transaction state | CAPTURED |
| Current state description | Test Captured |
| Status date | 2018-04-11 10:21:51 |
| Total amount | 128.10 |
| Currency | HRK |
| Installment count | 0 |


| Transactions | Status date | Status | Amount | Description | Additional text | Error message |
|--------------|---------------------|----------|--------|---------------|-----------------|---------------|
| | 2018-04-11 10:26:45 | SUCCESS | 128.10 | Test Captured | Captured | |
| | 2018-04-11 10:26:48 | CAPTURED | 128.10 | Test Captured | | |

| | | |
|-----------|-----|------------------------|
| Refunded? | No | REFUND |
| Captured? | Yes | |

3.2. Cancel Order

The same principle is used for Canceling the Order (Void), except in this case, there isn't amount shown since you're cancelling the order and not capturing.

Payment information



| | |
|---------------------------|---------------------------------|
| Transaction number | 236-1523435355283 |
| Current transaction state | AUTHORIZED |
| Current state description | Test approved, 3DS not enrolled |
| Status date | 2018-04-11 10:29:37 |
| Total amount | 128.10 |
| Currency | HRK |
| Installment count | 0 |

| Transactions | Status date | Status | Amount | Description | Additional text | Error message |
|--------------|-------------|--------|--------|-------------|-----------------|---------------|
| | | | | | | |

| | | |
|-----------|----|-------------------------|
| Captured? | No | CAPTURE |
| Voided? | No | VOID |

Clicking on *Void*, pop-up will show up asking you for confirmation of Cancel order.

Void transaction ×

This process is not reversible.

Once you confirm it, a Cancel request will be sent towards GPN Gateway for the given transaction which will mark the Order voided.

| GPN DATA - Payment information | | | | | | |
|-----------------------------------|-----------------------|----------|---------|-------------|-----------------|---------------|
| Transaction number: | 267-1518792915217 | | | | | |
| Current transaction state: | CANCELED | | | | | |
| Current state description: | Transaction cancelled | | | | | |
| Installment count | 4 | | | | | |
| Date added: | 2018-02-16 15:55:34 | | | | | |
| Date modified: | 2018-02-16 15:58:28 | | | | | |
| Total amount: | 1005.00 | | | | | |
| Currency: | HRK | | | | | |
| Transactions: | Date added: | Status | Amount | Description | Additional text | Error message |
| | 2018-02-16 15:58:28 | CANCELED | 1005.00 | | | |


Cancel transaction is available only if you're using Preauthorization type of transaction processing.

Notice: Depending on the Acquirer, some transactions can't be cancelled. This is especially the case with transactions processed using **Installments**.

3.3. Refund Order

In order to Refund an Order, the same must be previously Captured.

Payment information



| | |
|---------------------------|---------------------|
| Transaction number | 235-1523434888281 |
| Current transaction state | CAPTURED |
| Current state description | Test Captured |
| Status date | 2018-04-11 10:21:51 |
| Total amount | 128.10 |
| Currency | HRK |
| Installment count | 0 |

| Status date | Status | Amount | Description | Additional text | Error message |
|---------------------|----------|--------|---------------|-----------------|---------------|
| 2018-04-11 10:26:45 | SUCCESS | 128.10 | Test Captured | Captured | |
| 2018-04-11 10:26:48 | CAPTURED | 128.10 | Test Captured | | |

| | |
|-----------|------------------|
| Refunded? | No REFUND |
| Captured? | Yes |

To Refund it, click *Refund*, which will open pop-up window requesting of you to specify the reason for refund, and amount which you want to refund.

Refund transaction

Please enter the refund reason and amount.

Reason:

Please enter valid refund reason!

Amount:

Amount available: 128.10



Depending on the setup of your Merchant Account, your refund request can be immediately processed and refund, or the GPN Data personnel will review your Refund request and depending on the result of that, will the request for Refund be REFUNDED or DECLINED.

| Payment information | | | | | | |
|---------------------------|---------------------|---------------|---------------|--------------------|------------------------|----------------------|
| | | | | | | |
| Transaction number | 235-1523434088281 | | | | | |
| Current transaction state | REFUNDED | | | | | |
| Current state description | Test Captured | | | | | |
| Status date | 2018-04-11 10:21:51 | | | | | |
| Total amount | 0.00 | | | | | |
| Currency | HRK | | | | | |
| Installment count | 0 | | | | | |
| | Status date | Status | Amount | Description | Additional text | Error message |
| Transactions | 2018-04-11 10:26:45 | SUCCESS | 128.10 | Test Captured | Captured | |
| | 2018-04-11 10:26:48 | CAPTURED | 128.10 | Test Captured | | |
| | 2018-04-11 10:40:54 | SUCCESS | 128.10 | | Refunded | |

Some Acquirers allow for multiple refunds as long as the amount refunded is less or equal to the amount which was Captured.

4. Glossary

- **Gateway** – The web server, database server and programs associated with Credit Card processing between Merchant’s System and Acquiring Bank
- **API** – The Application program Interface is the code and the specification for transmitting transaction data to the Gateway.
- **Transaction** – Any exchange of date between the Gateway and the Merchant.
- **Authorize** (AUTH, Auth) – An Authorized transaction “reserves” a specified amount for a limited time from the Cardholder’s account at the Issuing Bank. The Cardholder’s account is NOT charged at this time.
- **Capture** – A Captured transaction charges to a Cardholders account the amount specified in an Authorized transaction. Under certain rules, the amount may vary slightly with the Authorized amount, otherwise the amount Captured must be identical to the amount Authorized.
- **Refund** – Refunds are requested by the Merchant for the purpose of crediting the Cardholder’s credit card for all or a portion of the original charge.
- **3DS** – 3DS (3D Secure) is a generic name for programs from several of the card companies. The formal names are: Verified by Visa, Secure Code by Mastercard and JSecure from JCB.

Transactions processed under 3DS involve the Cardholder being redirected to the Issuing Bank for transaction Authorization. Transactions processed as 3DS provide some levels of protection for the Merchant against Chargebacks resulting from fraudulent charges.