

# NOVALNET PAYMENT PLUGIN INSTALLATION GUIDE FOR VIRTUEMART

## Version 11.3.0

Latest compatibility check on : 24.11.2020

Version	Date	Remark
11.3.0	20.11.2019	<p><b>[New]</b> Customized the payment logo</p> <p><b>[New]</b> Notify end customer for storing Card / Account information</p> <p><b>[Enhanced]</b> Adjusted the payment module for IPV6 condition</p> <p><b>[Enhanced]</b> On-hold transaction configuration has been implemented for Credit Card, Direct Debit SEPA, Direct Debit SEPA with payment guarantee, Invoice, Invoice with payment guarantee and PayPal</p> <p><b>[Enhanced]</b> Novalnet bank details will be displayed in invoice for on-hold transactions in Invoice, Invoice with payment guarantee and Prepayment</p> <p><b>[Enhanced]</b> Novalnet Merchant Administration portal link has been updated in shop admin</p> <p><b>[Enhanced]</b> Callback has been optimized as per the new testcase</p> <p><b>[Enhanced]</b> Implemented new encryption method for redirect payments</p> <p><b>[Enhanced]</b> Auto configuration call perform via cURL method</p> <p><b>[Enhanced]</b> Adjusted Credit Card CSS configuration</p> <p><b>[Removed]</b> Autofill and Payment refill for payment data</p> <p><b>[Removed]</b> Payment reference configuration for Invoice / Prepayment</p> <p><b>[Removed]</b> Dynamic subscription management</p> <p><b>[Removed]</b> Transaction reference in payments</p>
11.2.2	21.11.2018	<p><b>[Compatible]</b> Compatibility has been checked up to PHP 7.2 version</p> <p><b>[Enhanced]</b> Guaranteed payment minimum amount reduced to 9.99 EUR</p> <p><b>[Removed]</b> BIC field removed in Direct Debit SEPA payment form</p>
11.2.1	08.10.2018	<p><b>[Enhanced]</b> Guaranteed payment pending status has been implemented</p> <p><b>[Enhanced]</b> Callback has been optimized as per the new testcase</p>

 For previous version changelog, go to <https://www.novalnet.de/modul/virtuemart-payment-module>

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## FREWARE LICENSE AGREEMENT

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### License:

For the payment module provided by Novalnet for each individual version, Novalnet grants a limited, non-exclusive, right of use for a service agreement concluded between the parties. The license agreement authorizes you to install and use the software on one or more computers. The Partner undertakes to use the Payment Modules and / or parts of the Modules exclusively for the use of the services provided by Novalnet in accordance with the Agreement. The Partner is not entitled to technical support of any kind whatsoever. In particular, Novalnet is not obliged to ensure the maintenance, repair or revision of the Software.

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#### Legal claims and severability clause:

The laws of the Federal Republic of Germany will be applicable. The place for court of law or going to court will be Munich. Should any present or future provision of the Agreement, in whole or in part, become invalid, for reasons other than the § § 305-310 of the Civil Code (BGB), the validity of the remaining provisions of the agreement will not be affected. The parties shall replace the ineffective, invalid or unenforceable provision by a valid one that will be void in its legal and economic substance, of the ineffective or not feasible provision, and also in compliance with the overall purpose of the agreement. The same applies, if after the conclusion of the agreement, there are gaps or loopholes found in the agreement. The provision of § 139 BGB (severability) is totally excluded.

## 1 MANAGING PLUGIN & CONTACT DETAILS

👉 This document contains detailed information on setting up and using Novalnet as a payment processor on your web shop.

👉 If you face any issue or problems on installing or testing our payment plugin please contact our [technical team](#).

👉 If you have made any core changes in your shop system, our payment plugin may not function properly.

👉 To accept and process payments on your web shop you need to have a merchant account with Novalnet. Please contact our [sales department](#).




👉 Please do not change or modify the payment plugin without having any experience or understanding.

### 1.1 Supported versions

 Joomla!®	 VirtueMart <small>free online shop solution</small>	 N
3.4.0 - 3.9.22	3.4.0 - 3.8.6	11.3.0

👉 If your version is not listed here please contact our [technical team](#).

### 1.2 Release category archive

 Joomla!®	[Released on] 06.10.2020
 VirtueMart <small>free online shop solution</small>	[Released on] 06.11.2020
 N	[Latest compatibility check on] 24.11.2020

### 1.3 Contact details

If you have any inquiries, please contact one of the following departments:

**Technical support** (for existing merchants / clients of Novalnet)

[technic@novalnet.de](mailto:technic@novalnet.de)

+49 89 9230683-19

**Sales team** (for new merchants / clients)

[sales@novalnet.de](mailto:sales@novalnet.de)

+49 89 9230683-20

## 2 TECHNICAL SPECIFICATION

### 2.1 Supported payment methods

Novalnet supports the following payment schemes

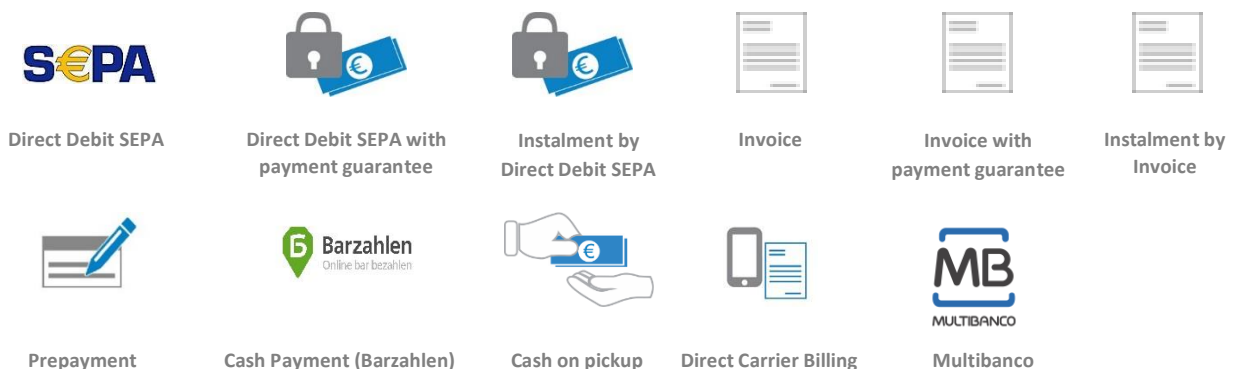
#### 2.1.1 Credit Cards



#### 2.1.2 Online Bank Transfer



#### 2.1.3 Bank account related payment options



#### 2.1.4 Wallet system



### 3 INSTALLATION OF THE PLUGIN

#### 3.1 Installation procedures

To install the Novalnet payment plugin, kindly go to **Extensions** → **Manage** → **Install**.

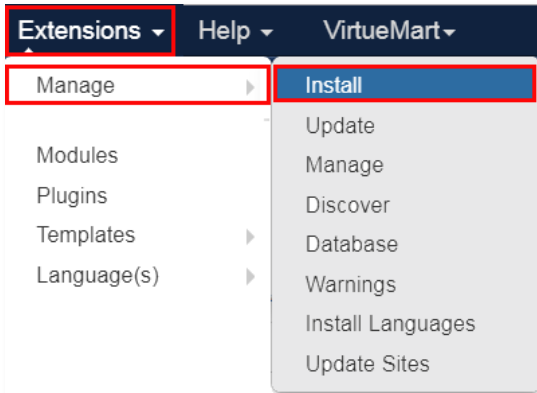


Figure 1

Now, click **upload package file** and then upload the **NovalnetPayments.zip**.

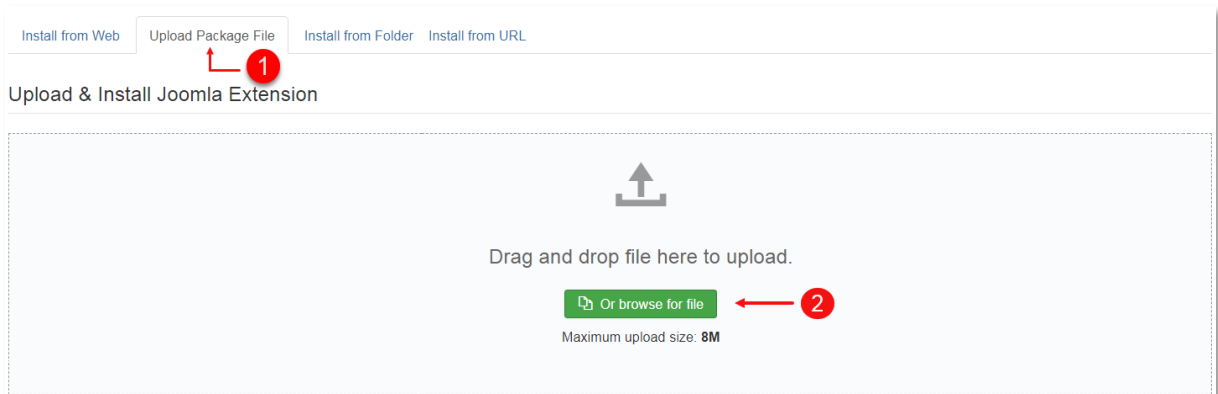


Figure 2

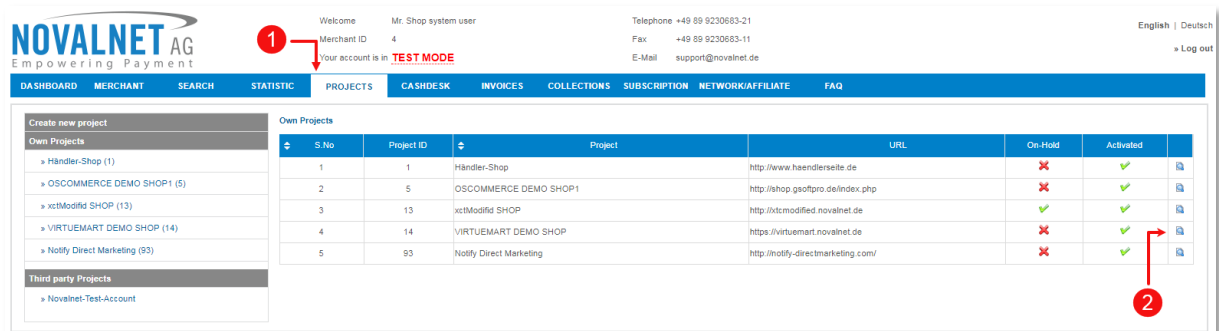
## 4 CONFIGURATION

### 4.1 Novalnet Merchant Administration Portal configuration

#### IP Address Configuration

For all API access (Auto configuration with Product Activation Key, loading Credit Card iframe, Transaction API access, Transaction status enquiry, and update), it is mandatory to configure your server IP address in [Novalnet Merchant Administration portal](#).

To configure the IP address, go to [Novalnet Merchant Administration portal](#) under **PROJECTS** → **Select project** → **Project Overview** → **Payment Request IP's** → **Update Payment Request IP**.



NOVALNET AG Empowering Payment

Welcome Mr. Shop system user  
Merchant ID 4  
Your account is in **TEST MODE**

Telephone +49 89 9230683-21  
Fax +49 89 9230683-11  
E-Mail support@novalnet.de

English | Deutsch  
Log out

DASHBOARD MERCHANT SEARCH STATISTIC **PROJECTS** CASHDESK INVOICES COLLECTIONS SUBSCRIPTION NETWORK/AFFILIATE FAQ

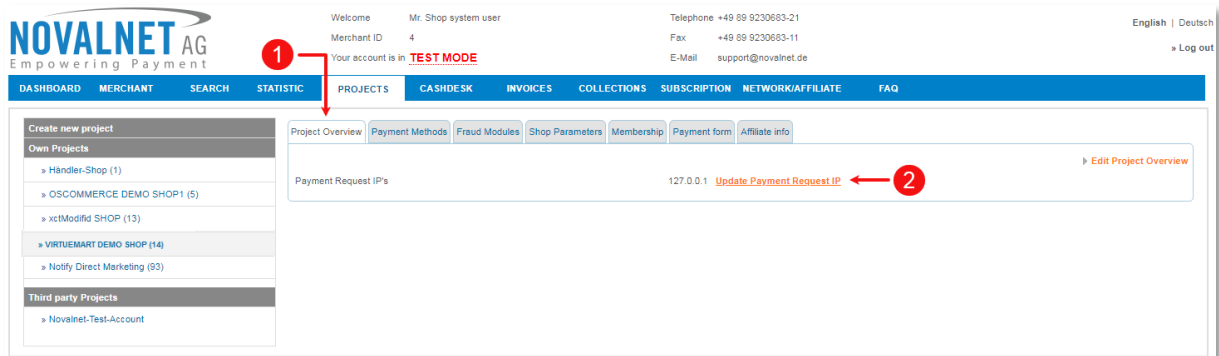
Create new project

Own Projects

S.No	Project ID	Project	URL	On-Hold	Activated
1	1	Händler-Shop	http://www.haendlerseite.de	✗	✓
2	5	OSCOMMERCE DEMO SHOP1	http://shop.gsoftpro.de/index.php	✗	✓
3	13	xtcModifd SHOP	http://xtcmodified.novalnet.de	✓	✓
4	14	VIRTUEMART DEMO SHOP	https://virtuemart.novalnet.de	✗	✓
5	93	Notify Direct Marketing	http://notify-directmarketing.com/	✗	✓

Third party Projects  
Novalnet-Test-Account

Figure 3



NOVALNET AG Empowering Payment

Welcome Mr. Shop system user  
Merchant ID 4  
Your account is in **TEST MODE**

Telephone +49 89 9230683-21  
Fax +49 89 9230683-11  
E-Mail support@novalnet.de

English | Deutsch  
Log out

DASHBOARD MERCHANT SEARCH STATISTIC **PROJECTS** CASHDESK INVOICES COLLECTIONS SUBSCRIPTION NETWORK/AFFILIATE FAQ

Create new project

Own Projects

Project Overview | Payment Methods | Fraud Modules | Shop Parameters | Membership | Payment form | Affiliate info

Payment Request IP's 127.0.0.1 [Update Payment Request IP](#)

Third party Projects  
Novalnet-Test-Account

Figure 4

## Vendor script URL Configuration

### Payment / Transaction status notification - Asynchronous callback script (vendor script)

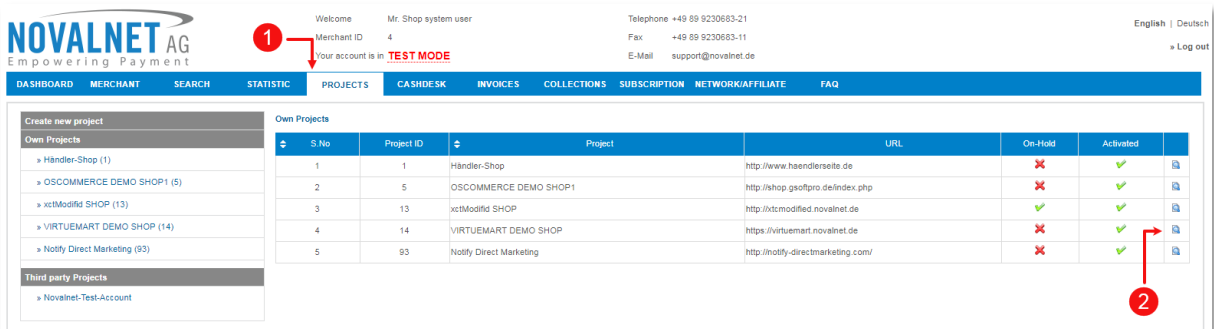
Vendor script URL is required to keep the merchant's database/ system up-to-date and synchronized with Novalnet transaction status. It is mandatory to configure the Vendor script URL in [Novalnet Merchant Administration portal](#).

Novalnet system (via asynchronous) will transmit the information on each transaction and its status to the merchant's system.

To configure Vendor script URL, go to [Novalnet Merchant Administration portal](#) under **PROJECTS** → **Select project** → **Project Overview** → **Edit Project Overview** – paste the Vendor script URL under the field → **Vendor script URL**.

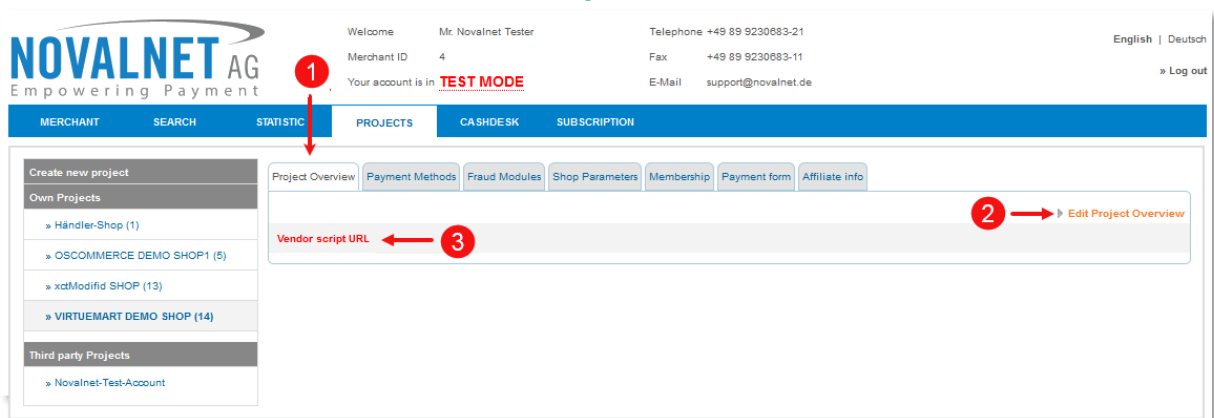
For example,

[https://virtuemart.novalnet.de/index.php?option=com\\_virtuemart&view=pluginresponse&task=pluginnotification&form\\_type=vendor\\_script](https://virtuemart.novalnet.de/index.php?option=com_virtuemart&view=pluginresponse&task=pluginnotification&form_type=vendor_script)



S.No	Project ID	Project	URL	On-Hold	Activated
1	1	Händler-Shop	http://www.haendlerseite.de	✗	✓
2	5	OSCOMMERCE DEMO SHOP1	http://shop.gsoftpro.de/index.php	✗	✓
3	13	xtcModified SHOP	http://xtcmodified.novalnet.de	✓	✓
4	14	VIRTUEMART DEMO SHOP	https://virtuemart.novalnet.de	✗	✓
5	93	Notify Direct Marketing	http://notify-directmarketing.com/	✗	✓

Figure 5



Project Overview | Payment Methods | Fraud Modules | Shop Parameters | Membership | Payment form | Affiliate info

Vendor script URL

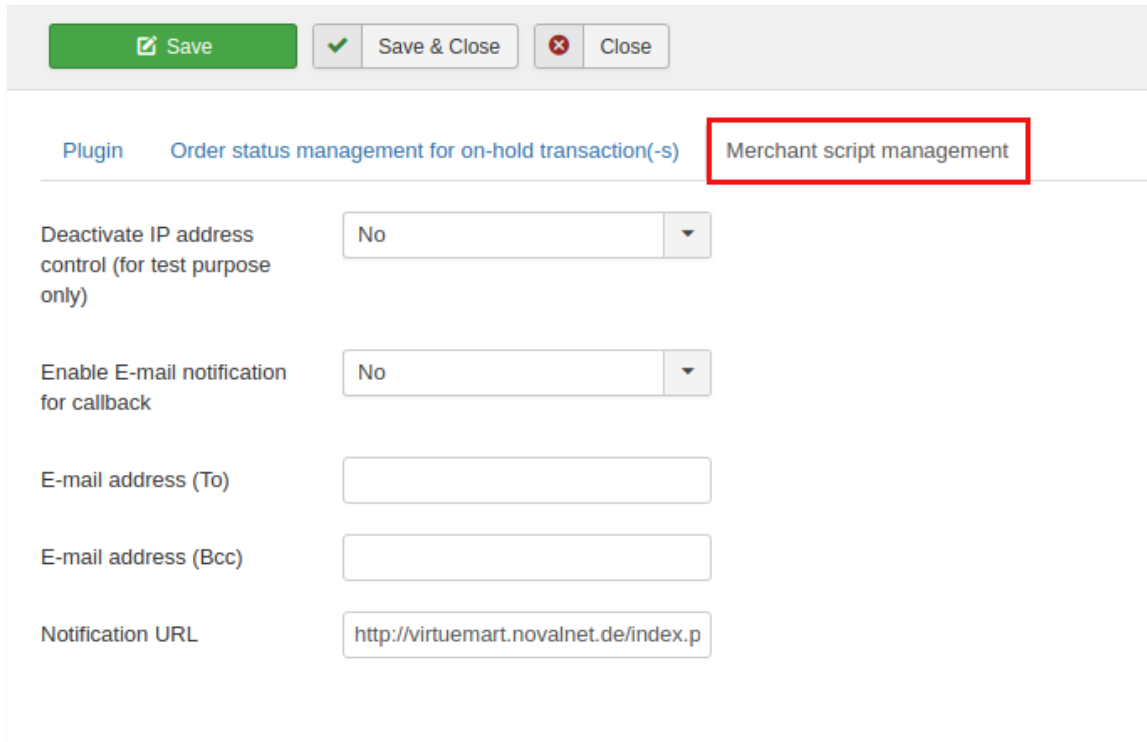
Edit Project Overview

Figure 6

**i** **Configuring merchant script E-mail settings**

To receive email for every asynchronous call to synchronize between your shop and Novalnet, you need to configure the below mentioned parameters in the **Merchant script management**,

To find the **Merchant script management**, go to **Extensions** → **Plugins** and Search the **Novalnet** plugin under search option.



The screenshot shows a configuration window for the 'Merchant script management' plugin. At the top, there are three buttons: 'Save' (green), 'Save & Close' (with a checkmark), and 'Close' (with a red X). Below the buttons, the plugin name 'Merchant script management' is highlighted with a red box. The form contains the following fields:

- Deactivate IP address control (for test purpose only):** A dropdown menu set to 'No'.
- Enable E-mail notification for callback:** A dropdown menu set to 'No'.
- E-mail address (To):** An empty text input field.
- E-mail address (Bcc):** An empty text input field.
- Notification URL:** A text input field containing the URL 'http://virtuemart.novalnet.de/index.p'.

Figure 7

Field	Description
Deactivate IP address control (for test purpose only)	This option will allow to performing a manual execution. Please disable this option before setting your shop to LIVE mode, to avoid unauthorized calls from external parties (excl. Novalnet).
Enable E-mail notification for callback	If <b>Yes</b> , notification mails will be sent to given email address through Novalnet callback script.
E-mail address (To)	E-mail address of the recipient for To
E-mail address (Bcc)	Email address of the recipient for Bcc
Notification URL	Notification URL is used to keep your database / system actual and synchronizes with the Novalnet transaction status.

**i** Vendor script testing procedure

Types of payment values delivered in the “payment\_type” parameter

Payment type	Explanation
DIRECT_DEBIT_SEPA	Direct Debit SEPA
CREDITCARD	Credit Card
EPS	eps
GIROPAY	GIROPAY
IDEAL	iDeal
GUARANTEED_INVOICE	Payment via guaranteed invoice
GUARANTEED_INVOICE_BOOKBACK	Guaranteed Invoice bookback
GUARANTEED_DIRECT_DEBIT_SEPA	Payment via guaranteed direct debit SEPA
GUARANTEED_SEPA_BOOKBACK	Guaranteed SEPA bookback
CREDITCARD_BOOKBACK	Credit Card bookback
CREDITCARD_CHARGEBACK	Credit Card chargeback
CREDIT_ENTRY_CREDITCARD	Credit entry by end customer (Credit Card)
DEBT_COLLECTION_CREDITCARD	Debt Collection Credit Card
CREDIT_ENTRY_DE	Credit entry payment by end customer
DEBT_COLLECTION_DE	Payment to debt collection agency (invoice)
ONLINE_TRANSFER	Online instant transfer
ONLINE_TRANSFER_CREDIT	Credit entry through online transfer
PAYPAL	PayPal
PAYPAL_BOOKBACK	PayPal Refund
PRZELEWY24	Przelewy24
PRZELEWY24_REFUND	Przelewy24 Refund
REFUND_BY_BANK_TRANSFER_EU	Refund per money transfer
REVERSAL	Cancelled payment via online transfer / iDeal
RETURN_DEBIT_SEPA	Return Debit SEPA
DEBT_COLLECTION_SEPA	Debt Collection SEPA
CREDIT_ENTRY_SEPA	Customer SEPA Payment directly to Novalnet(Example: after the end customer has caused a return debit
INVOICE_CREDIT	Incoming money transfer for the open prepayment or invoice payment
INVOICE_START	Prepayment or Invoice (defined as per the value of the additional parameter “invoice_type”. The value can be either PREPAYMENT or INVOICE)
CASHPAYMENT	Payment via cashpayment (Barzahlen)
CASHPAYMENT_REFUND	Refund via cashpayment through merchant
CASHPAYMENT_CREDIT	Credit entry of a cashpayment transaction
POSTFINANCE	PostFinance E-Finance
POSTFINANCE_CARD	PostFinance Card
POSTFINANCE_REFUND	PostFinance Refund
INSTALMENT_DIRECT_DEBIT_SEPA	Instalment by Direct Debit SEPA
INSTALMENT_INVOICE_BOOKBACK	Instalment by Invoice bookback

INSTALMENT_INVOICE	Instalment by Invoice
INSTALMENT_SEPA_BOOKBACK	Instalment by SEPA bookback

### INVOICE\_CREDIT payment\_type

Formatted URL:

```
<SiteURL>/index.php/de/?option=com_virtuemart&view=pluginresponse&task=pluginnotification&form_type=vendor_script&?vendor_id=4&status=100&tid_status=100&payment_type=INVOICE_CREDIT&tid_payment=12675800001204435&amount=3778&tid=12675800001204435
```

### Other payment type

Formatted URL:

```
<SiteURL>/index.php/de/?option=com_virtuemart&view=pluginresponse&task=pluginnotification&form_type=vendor_script&?vendor_id=4&status=100&tid_status=100&payment_type=PAYPAL&amount=3778&tid=12675800001204435
```

### PayPal API configuration

To proceed transaction in PayPal payment, it is mandatory to configure PayPal API details in [Novalnet Merchant Administration portal](#).

To configure PayPal API details, go to [Novalnet Merchant Administration portal](#) under **PROJECTS** → **Select project** → **Payment Methods** → **PayPal - Configure**.

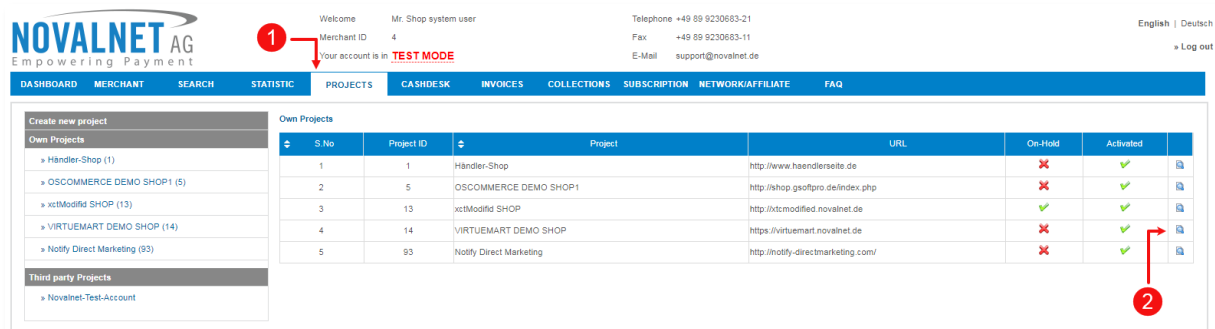


Figure 8

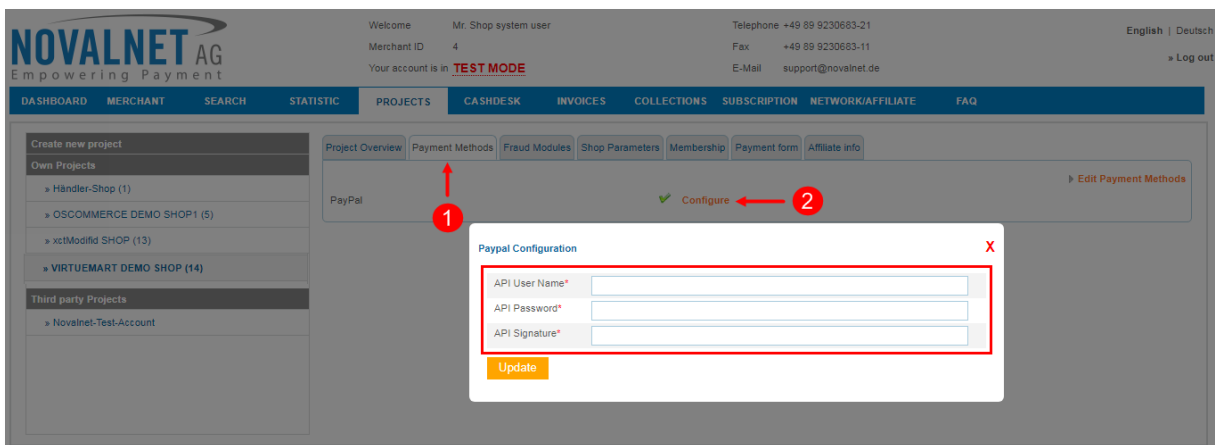


Figure 9

**i** Postfinance card configuration

To proceed transaction in Postfinance card payment, it is mandatory to configure **Ep2-Merchant ID** in [Novalnet Merchant Administration portal](#).

To configure Postfinance card details, go to [Novalnet Merchant Administration portal](#) under **PROJECTS** → **Select project** → **Payment Methods** → **Postfinance card** – **Configure**

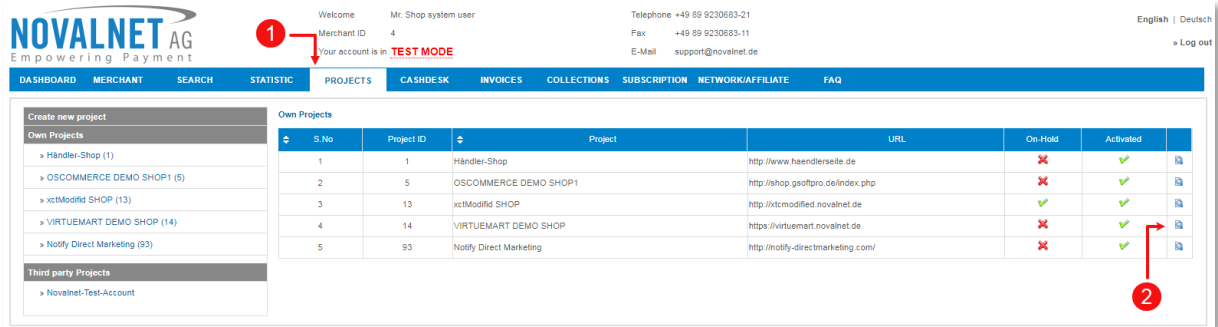


Figure 10

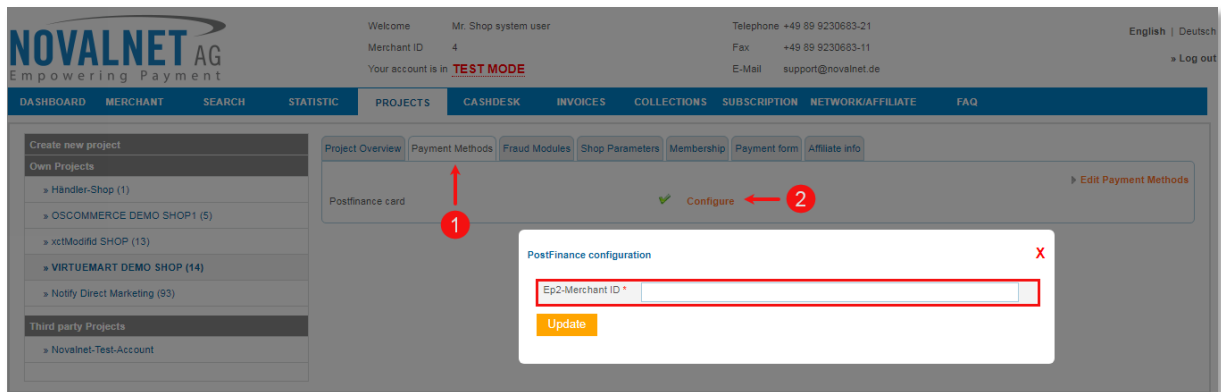


Figure 11

**i** PostFinance configuration

To proceed transaction in Postfinance payment, it is mandatory to configure **Ep2-Merchant ID** in [Novalnet Merchant Administration portal](#).

To configure Postfinance details, go to [Novalnet Merchant Administration portal](#) under **PROJECTS** → **Select project** → **Payment Methods** → **Postfinance** - **Configure**.

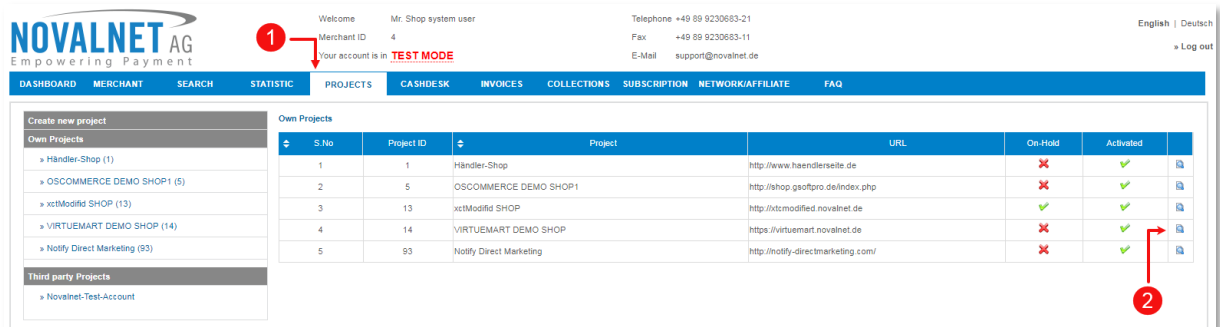


Figure 12

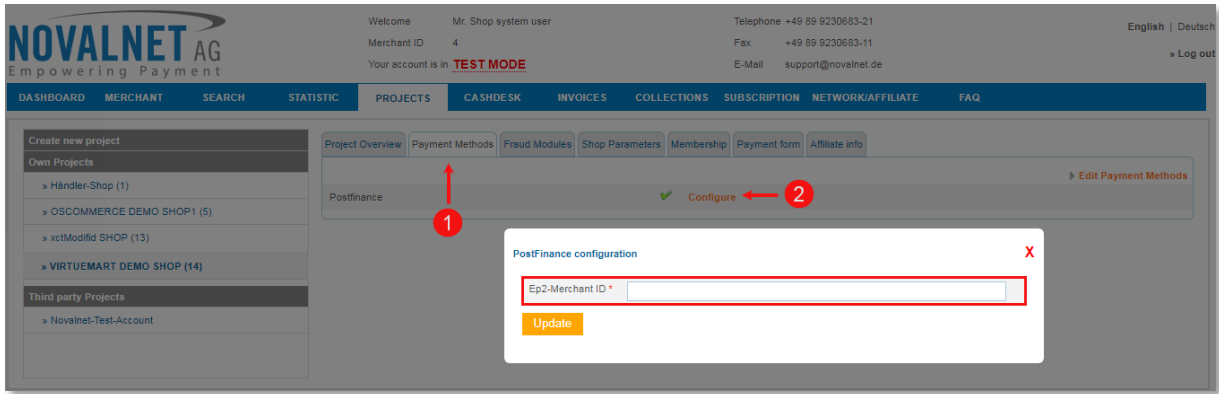


Figure 13

## 4.2 Product Activation Key

Novalnet introduces Product Activation Key to fill entire merchant credentials automatically on entering the key into **Novalnet Global Configuration**.

To get the Product Activation Key, go to [Novalnet Merchant Administration portal](#) under **PROJECTS** → **Select project** → **Shop Parameters** → **API Signature (Product activation key)**.

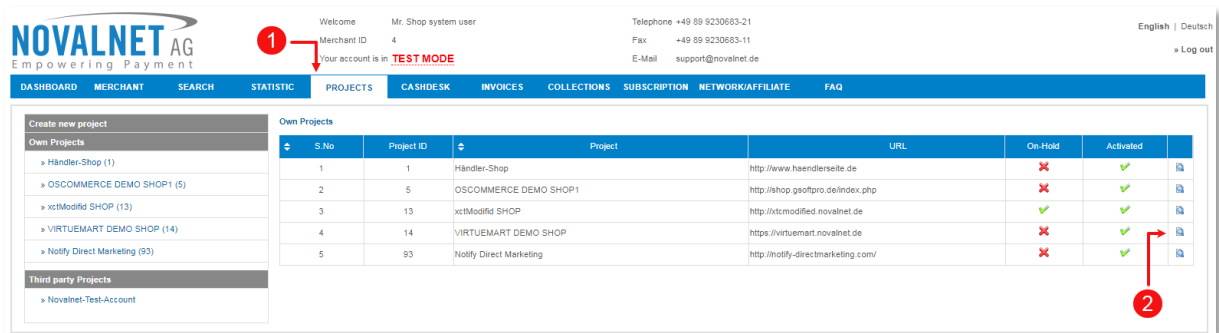


Figure 14

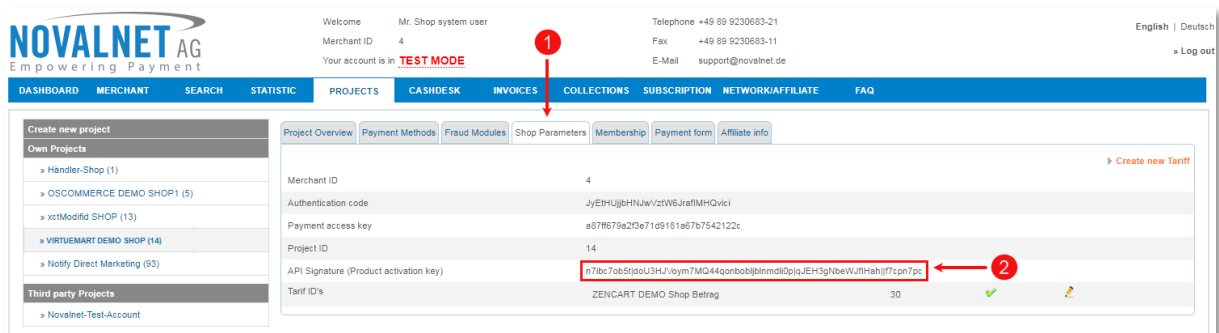


Figure 15

### 4.3 Settings in the shop backend


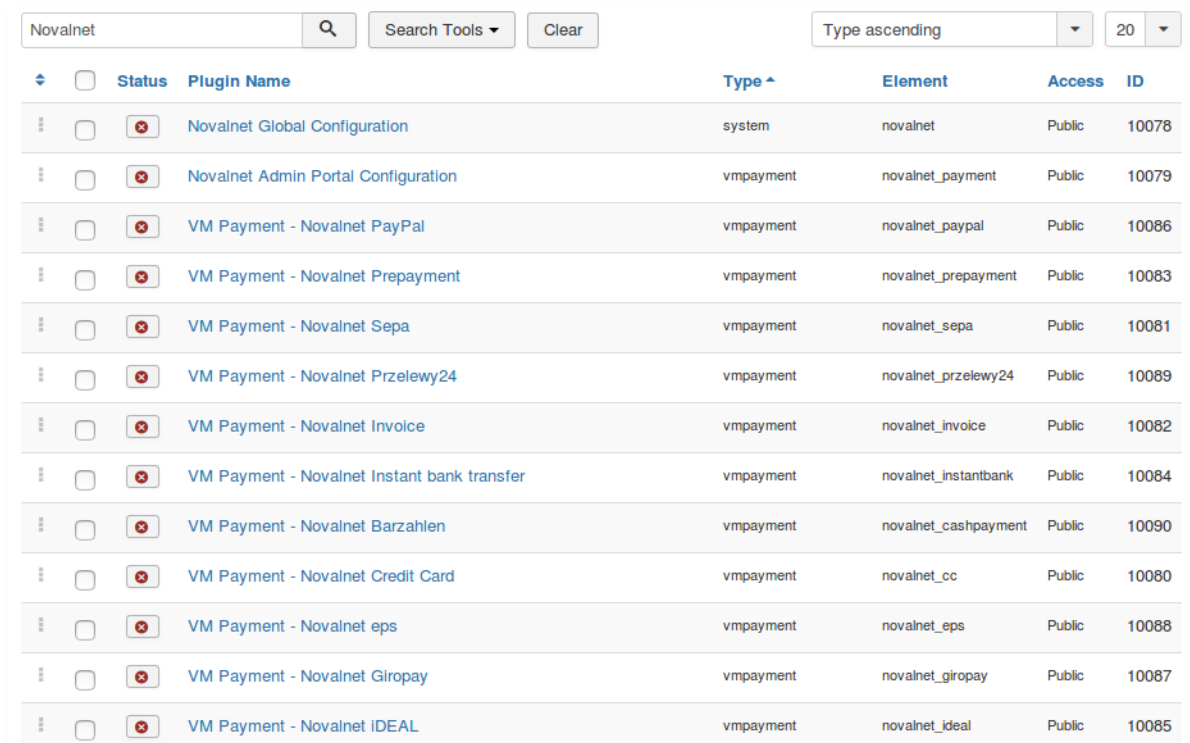
To enable the Novalnet payment plugins, kindly go to **Extensions** → **Plugins** in the shop back-end. Search the **Novalnet** plugin under search option and click on the  button to get the Novalnet payment plugin from your web shop.



Figure 16


Now, the installed payments will be listed as mentioned below.



The screenshot shows a table of installed plugins. The search bar at the top contains 'Novalnet'. The table has columns for 'Status', 'Plugin Name', 'Type', 'Element', 'Access', and 'ID'. Each row represents a different Novalnet payment plugin, all of which are currently disabled (indicated by a red 'X' icon).

Status	Plugin Name	Type	Element	Access	ID
<input type="checkbox"/>	Novalnet Global Configuration	system	novalnet	Public	10078
<input type="checkbox"/>	Novalnet Admin Portal Configuration	vmpayment	novalnet_payment	Public	10079
<input type="checkbox"/>	VM Payment - Novalnet PayPal	vmpayment	novalnet_paypal	Public	10086
<input type="checkbox"/>	VM Payment - Novalnet Prepayment	vmpayment	novalnet_prepayment	Public	10083
<input type="checkbox"/>	VM Payment - Novalnet Sepa	vmpayment	novalnet_sepa	Public	10081
<input type="checkbox"/>	VM Payment - Novalnet Przelewy24	vmpayment	novalnet_przelewy24	Public	10089
<input type="checkbox"/>	VM Payment - Novalnet Invoice	vmpayment	novalnet_invoice	Public	10082
<input type="checkbox"/>	VM Payment - Novalnet Instant bank transfer	vmpayment	novalnet_instantbank	Public	10084
<input type="checkbox"/>	VM Payment - Novalnet Barzahlen	vmpayment	novalnet_cashpayment	Public	10090
<input type="checkbox"/>	VM Payment - Novalnet Credit Card	vmpayment	novalnet_cc	Public	10080
<input type="checkbox"/>	VM Payment - Novalnet eps	vmpayment	novalnet_eps	Public	10088
<input type="checkbox"/>	VM Payment - Novalnet Giropay	vmpayment	novalnet_giropay	Public	10087
<input type="checkbox"/>	VM Payment - Novalnet IDEAL	vmpayment	novalnet_ideal	Public	10085

Figure 17

Now enable the following plugins, by clicking on their respective icon 

## 4.4 Global settings

### 4.4.1 Global setting configuration

Now click on **Novalnet Global Configuration** link to configure global settings.

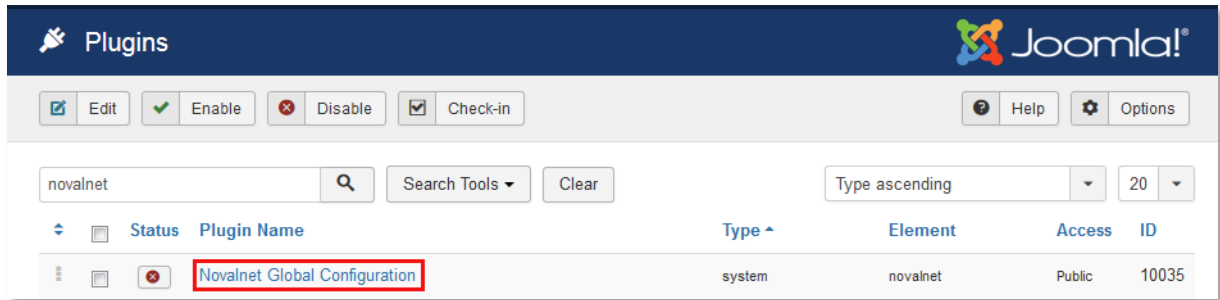



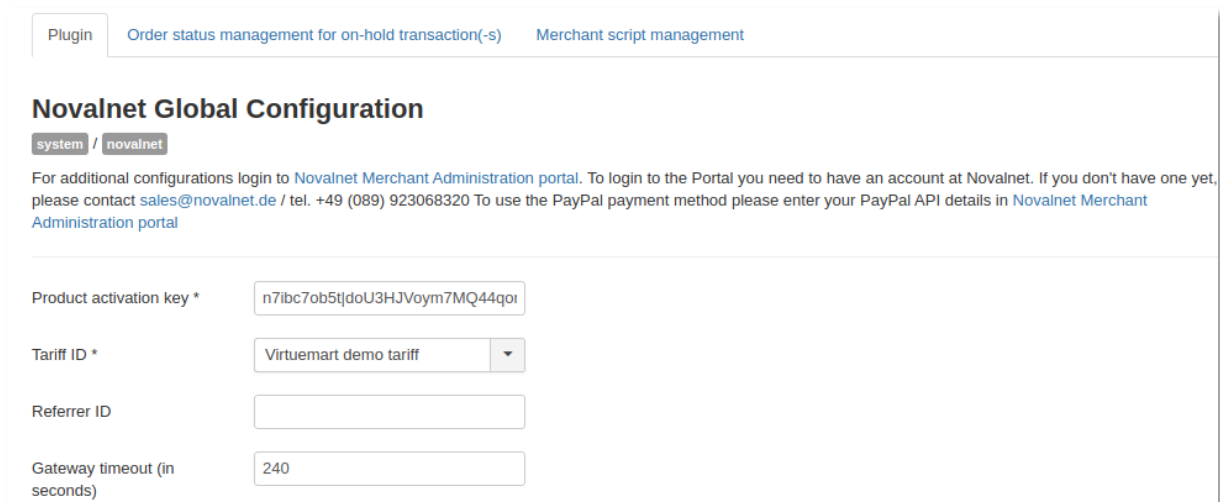
Figure 18

### Product activation key

Now paste the copied activation key from the [Novalnet Merchant Administration portal](#) in the **Product activation key** field.

Refer the link [4.2 Product Activation Key](#)

 Please make sure that you do not enter the data manually.



The screenshot shows the 'Novalnet Global Configuration' form. At the top, there are tabs for 'Plugin', 'Order status management for on-hold transaction(-s)', and 'Merchant script management'. The form title is 'Novalnet Global Configuration' with sub-tabs for 'system' and 'novalnet'. Below the title, there is a paragraph of instructions: 'For additional configurations login to Novalnet Merchant Administration portal. To login to the Portal you need to have an account at Novalnet. If you don't have one yet, please contact sales@novalnet.de / tel. +49 (089) 923068320 To use the PayPal payment method please enter your PayPal API details in Novalnet Merchant Administration portal'. The form contains the following fields:

- Product activation key \***: Input field containing 'n7ibc7ob5tjdoU3HJVoy7MQ44qor'
- Tariff ID \***: Dropdown menu with 'Virtuemart demo tariff' selected
- Referrer ID**: Empty input field
- Gateway timeout (in seconds)**: Input field containing '240'

Figure 19

## Tariff ID

Tariff id field can be configured based on the merchant's requirement from the drop down list.



The image shows a form field labeled "Tariff ID \*". A dropdown menu is open, displaying three options: "Virtuemart demo tariff" (highlighted in blue), "Virtuemart predefined subscription tariff", and "Virtuemart dynamic subscription tariff".

Figure 20

Click on **Save** button to update/save the changes made.



The image shows a horizontal bar with three buttons: a green "Save" button with a checkmark icon, a "Save & Close" button with a checkmark icon, and a "Close" button with a red 'X' icon.

Figure 21

Field	Description
Product activation key	Novalnet provides a activation key when a merchant opens an account at Novalnet.
Tariff ID	Tariff identification number is an unique ID for each merchant project. The merchant can create N number of tariffs through <a href="#">Novalnet Merchant Administration portal</a> .
Referrer ID	Referrer ID of the person/ company who recommended you Novalnet.
Gateway timeout (in seconds)	In case the order processing time exceeds the gateway timeout, the order will not be placed.

## 5 PAYMENT METHODS

### 5.1 Overview

Go to **Payment Methods** under **VirtueMart** tab.

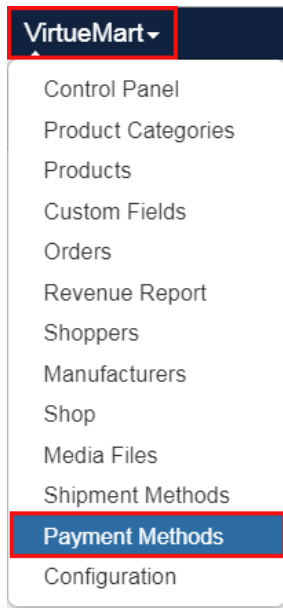


Figure 22

Click on the **New** link to add a Novalnet payment method.

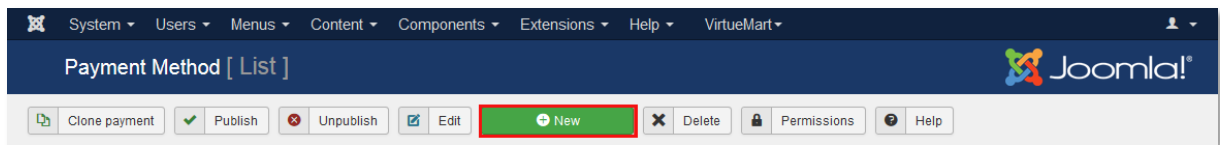


Figure 23

Under **Payment Method Information** tab, give the required payment method name in the **Payment Name** field, select **Yes** in **Published** field and select the required payment from the **Payment Method** Drop down list.

Click on **Save** button to update/save the changes made.

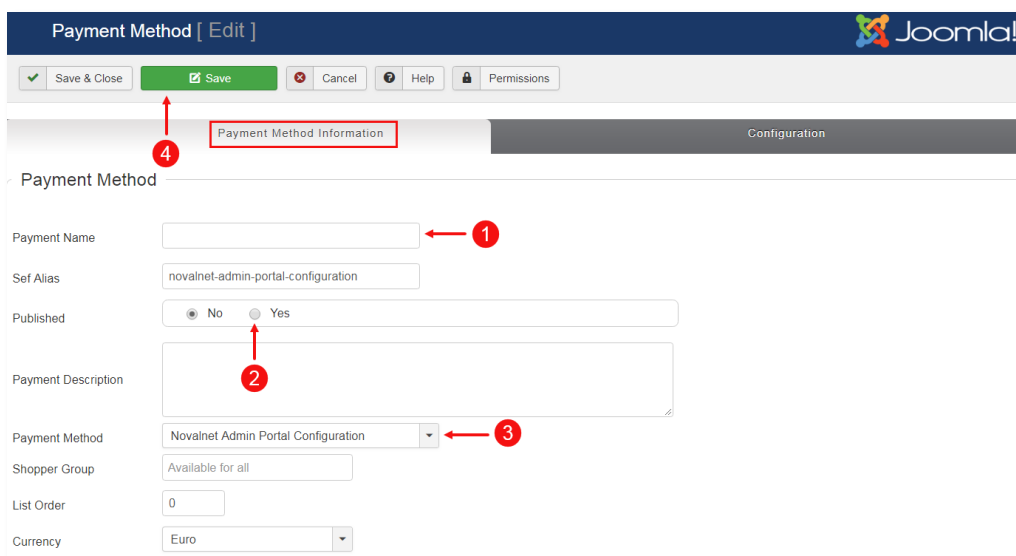


Figure 24

## 5.2 Configuring the payment method

Configure the payment method by clicking on the **Configuration** tab. Configure required fields and click on **Save & Close** button to update/save the changes made.

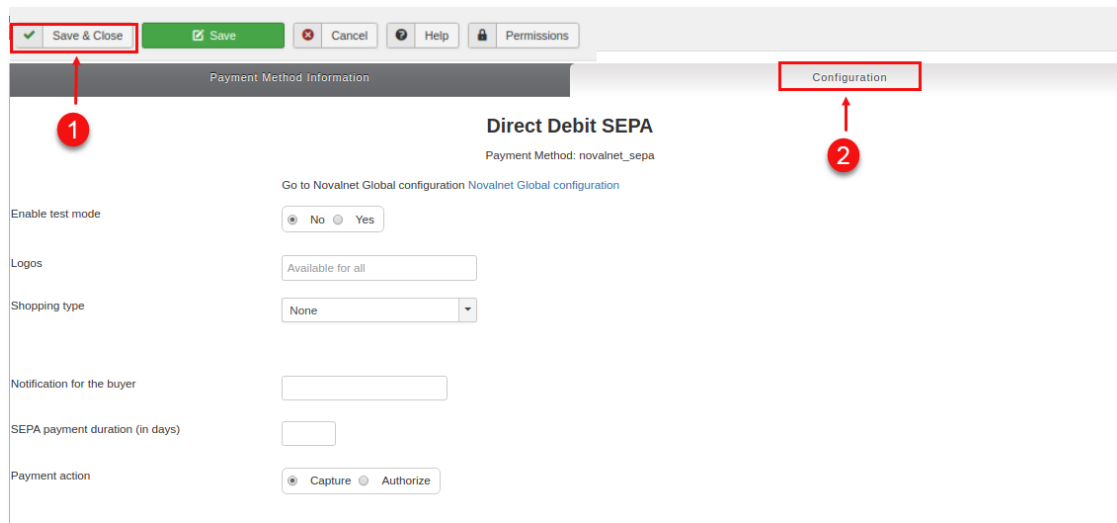


Figure 25

To add a payment logo, go to **VirtueMart** → **Payment Methods**, click on the **Configuration** tab of the required payment method and select the logo from the **Logos** dropdown list.

Click on the **Save & Close** button to update/save the changes made.

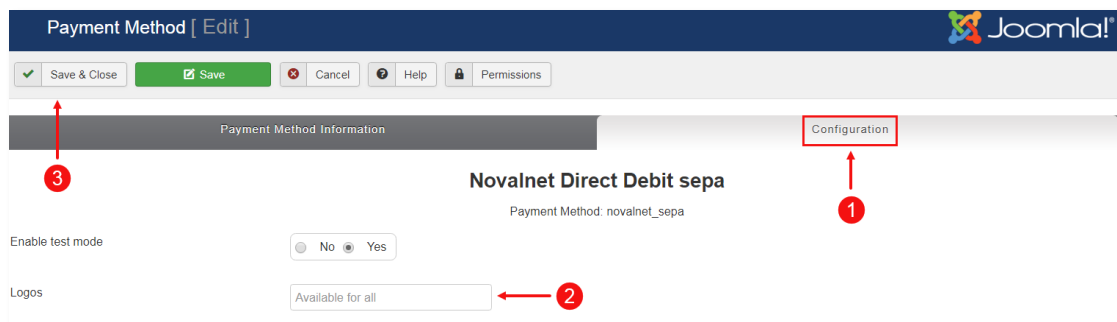


Figure 26

 Kindly, follow the above instructions to configure the remaining Novalnet payments.

Field	Description
Enable test mode	Payment will be processed in test mode therefore amount for this transaction will not be charged and it will be deactivated automatically.
Logos	Logos to be displayed with the payment name.
Notification for the buyer	Text entered in this field will be displayed on the checkout page.
Countries	Select the countries for which the payment method applies. If no country is selected, the payment method will be applied for all countries.
Minimum Amount	Minimum order amount to offer the payment.
Maximum Amount	Maximum order amount to offer the payment.
Fee per transaction	Flat amount to apply per transaction.
Percent of the total product amount	Percent to apply to the total product amount (Shipment cost are not included).
Tax	Tax fee will be included for this payment.

## 6 SPECIAL SETTINGS FOR PAYMENT METHODS

### 6.1 Credit Card

Field	Description
Shopping type	You can select one of the following options here: <ul style="list-style-type: none"> <li>• None (select shopping type)</li> <li>• One click shopping</li> <li>• Zero amount booking</li> </ul>
Enable 3D secure	When activating the 3D-secure, the issuing Credit Card institution also requests the buyer to enter a password. By activating this option, the issuing bank may be provided with proof that the buyer is actually the cardholder. This reduces the risk of a charge back.
Force 3D secure on predefined conditions	If 3D secure is not enabled in the above field, then force 3D secure process as per the "Enforced 3D secure (as per predefined filters & settings)" module configuration at the <a href="#">Novalnet Merchant Administration portal</a> . If the predefined filters & settings from Enforced 3D secure module are met, then the transaction will be processed as 3D secure transaction otherwise it will be processed as non 3D secure.  Please note that the "Enforced 3D secure (as per predefined filters & settings)" module should be configured at <a href="#">Novalnet Merchant Administration portal</a> prior to the activation here.  For further information, please refer <a href="#">7.1 Force 3D secure</a>
Display AMEX logo	If you activate this option, you accept payments via Amex credit card. An Amex business case must be available for this. The Amex logo will also appear on the checkout page.
Display Maestro logo	If you activate this option, you accept payments via Maestro credit card. For this, Novalnet Maestro business case must be available. The Maestro logo will also appear on the checkout page.
Payment action	Capture / Authorize
Minimum transaction limit for authorization (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)	In case the order amount exceeds mentioned limit, the transaction will be set on hold till your confirmation of transaction. You can leave the field empty if you wish to process all the transactions as on-hold.
Customized CSS settings	CSS settings for the IFRAME with credit card data. If you want to design the IFRAME yourself, you have the option here. If you leave this field blank, the shop default settings will be used.

### 6.2 Direct Debit SEPA(With payment guarantee)

Field	Description
Shopping type	You can select one of the following options here: <ul style="list-style-type: none"> <li>• None (select shopping type)</li> <li>• One click shopping</li> <li>• Zero amount booking</li> </ul>
SEPA payment duration (in days)	Number of days after which the payment should be processed (must be between 2 and 14 days).
Payment action	Capture / Authorize

Minimum transaction limit for authorization (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)	In case the order amount exceeds mentioned limit, the transaction will be set on hold till your confirmation of transaction. You can leave the field empty if you wish to process all the transactions as on-hold.
Enable payment guarantee	Before you can use the Direct Debit SEPA with a payment guarantee, you need the activation of this payment method by the Novalnet. <b>Basic requirements for payment guarantee:</b> <ul style="list-style-type: none"> <li>• Allowed countries: AT, DE, CH.</li> <li>• Allowed currency: EUR.</li> <li>• Minimum amount of order &gt;= 9,99 EUR.</li> <li>• Minimum age of end customer &gt;= 18 Years.</li> <li>• The billing address must be the same as the shipping address.</li> <li>• Gift certificates/ vouchers are not allowed.</li> </ul>
Minimum order amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)	The value you enter overrides the default value. Note: Minimum amount should be greater than or equal to 9,99 EUR
Force Non-Guarantee payment	If the payment guarantee is enabled (true), the above requirements are not met, payment is to be made without payment guarantee.

### 6.3 Invoice(With payment guarantee)

Field	Description
Payment due date (in days)	Number of days within which the payment is to be made at Novalnet (at least 7 days). If this field is empty, 14 days will be set as the default time.
Payment action	Capture / Authorize
Minimum transaction limit for authorization (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)	In case the order amount exceeds mentioned limit, the transaction will be set on hold till your confirmation of transaction. You can leave the field empty if you wish to process all the transactions as on-hold.
Enable payment guarantee	Before you can use the Invoice with a payment guarantee, you need the activation of this payment method by the Novalnet. <b>Basic requirements for payment guarantee:</b> <ul style="list-style-type: none"> <li>• Allowed countries: AT, DE, CH.</li> <li>• Allowed currency: EUR.</li> <li>• Minimum amount of order &gt;= 9,99 EUR.</li> <li>• Minimum age of end customer &gt;= 18 Years.</li> <li>• The billing address must be the same as the shipping address.</li> <li>• Gift certificates/ vouchers are not allowed.</li> </ul>
Minimum order amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)	The value you enter overrides the default value. Note: Minimum amount should be greater than or equal to 9,99 EUR
Force Non-Guarantee payment	If the payment guarantee is enabled (true), the above requirements are not met, the payment is to be made without payment guarantee.

## 6.4 PayPal

Field	Description
Payment action	Capture/ Authorize
Minimum transaction limit for authorization (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)	In case the order amount exceeds mentioned limit, the transaction will be set on hold till your confirmation of transaction. You can leave the field empty if you wish to process all the transactions as on-hold. (In order to use this option you must have billing agreement option enabled in your PayPal account. Please contact your account manager at PayPal).
Shopping type	You can select one of the following options here: <ul style="list-style-type: none"> <li>• None (select shopping type)</li> <li>• One click shopping</li> <li>• Zero amount booking</li> </ul>

## 6.5 Barzahlen

The cash payment method offers your customers the possibility to pay online purchases with the help of a paying ticket at the cash registers of over 10,000 partner branches of Barzahlen.de. The partner branches include renowned supermarket chains such as Rewe, DM, Penny, etc. More information on cash figures can be found online at <https://www.barzahlen.de/de/> you can get information about a money receipt via the Novalnet in real time.

### Checkout

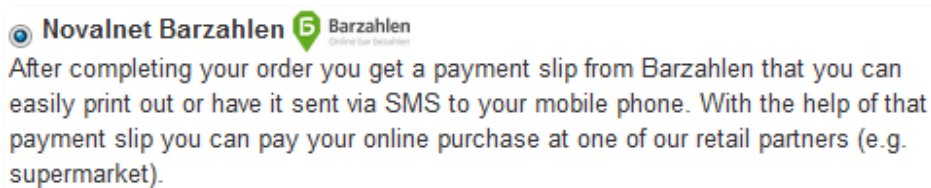


Figure 27

### The payment slip

After a successful order, the customer has the following options to show his payment slip at a partner branch:

- Display SMS
- Print PDF
- Digital via Apple wallet

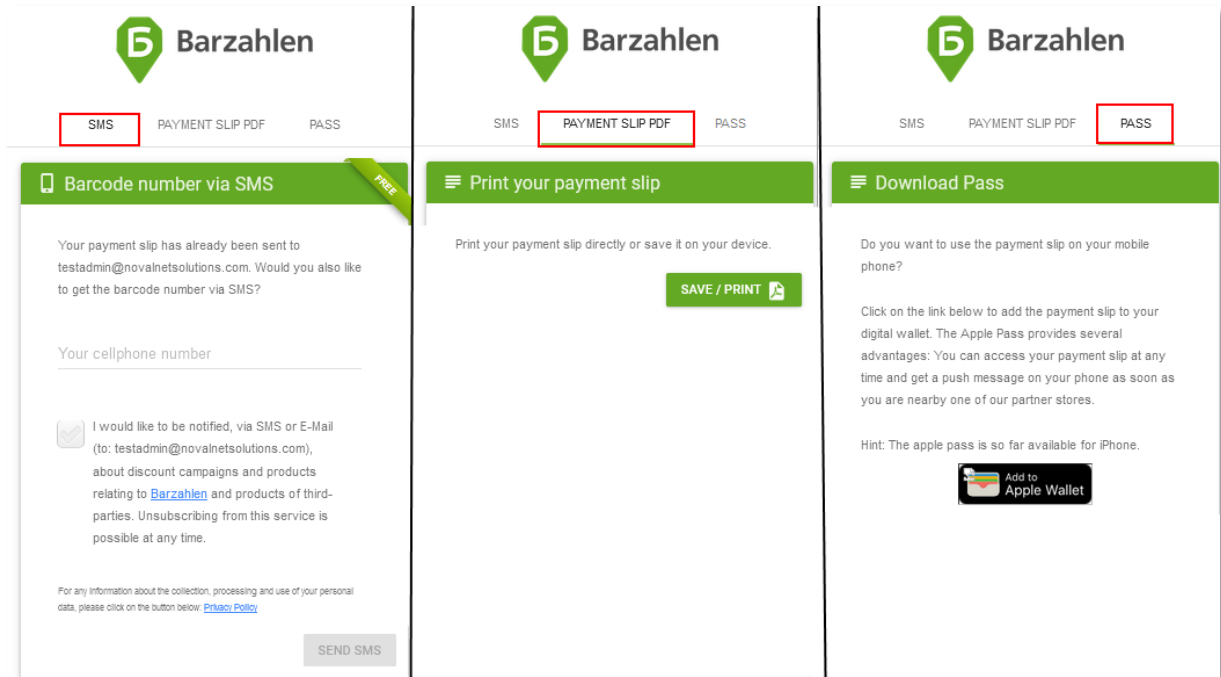



Figure 28

Field	Description
Slip expiry date (in days)	Number of days within which your customer will pay the amount of the order in a cash partner store near him. If the ticket does not redeem and pay the payment in time, it will expire. If the field is empty, by default it is set to 14 days as the due date.

 Please contact our technical support team by phone at +49 89 9230683-19 or by mail at [technic@novalnet.de](mailto:technic@novalnet.de) to receive our **test data** for payment processing.

## 7 CONFIGURATION OF THE FRAUD CHECK MODULES

### 7.1 Force 3D secure

We have integrated the Enforced 3D secure fraud module for the Credit Card payment method, if 3D secure is not enabled in the above field, then force 3D secure process as per the "Enforced 3D secure (as per predefined filters & settings)" module configuration at the [Novalnet Merchant Administration portal](#). If the predefined filters & settings from Enforced 3D secure module are met, then the transaction will be processed as 3D secure transaction otherwise it will be processed as non 3D secure.

Please note that the "Enforced 3D secure (as per predefined filters & settings)" module should be configured at [Novalnet Merchant Administration portal](#) prior to the activation here.

If you want to activate the Enforced 3D secure fraud check modules, go to [Novalnet Merchant Administration portal](#) under **PROJECTS** → **Select project** → **Fraud Modules** → [Edit Project Overview](#) – **Enforced 3D secure (as per predefined filters & settings)**.

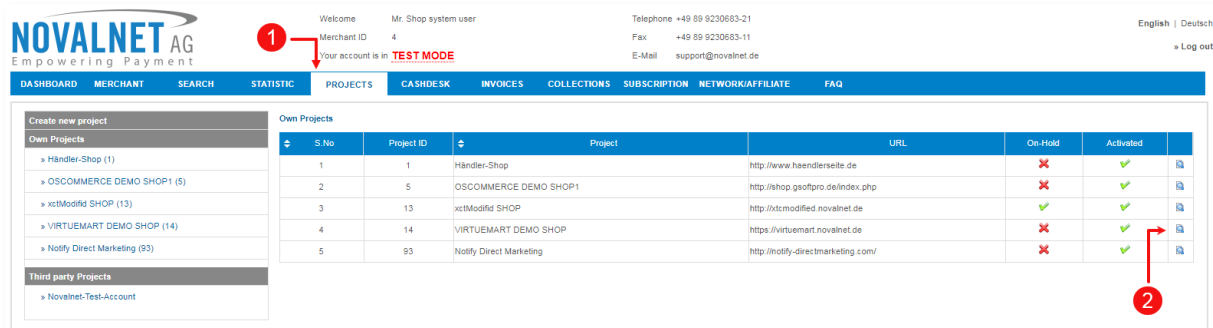


Figure 29

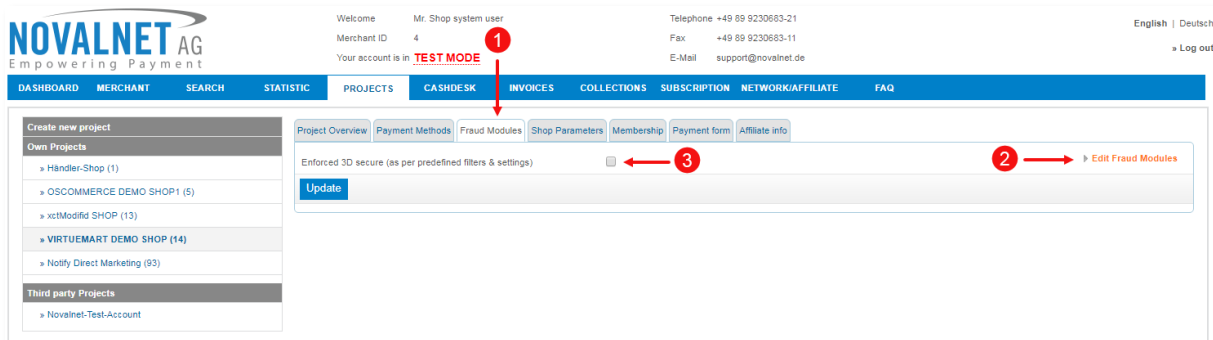


Figure 30

Go to **VirtueMart** → **Payment Methods** → **Credit Card** in the shop backend area to activate 3D secure payments under predefined conditions.

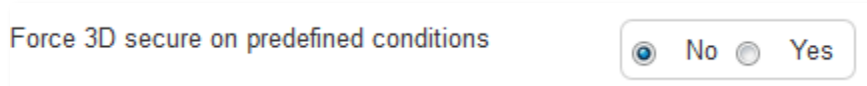


Figure 31

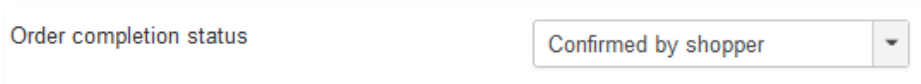
Now Enable Credit Card **Force 3D secure on predefined conditions** by choosing **Yes / No** radio button.

## 8 INDIVIDUAL ORDER STATUS MANAGEMENT

To set the order status, kindly select the respective payment under **Virtuemart** → **Payment Methods**.

### Completed payment status

Once an order has been successfully created (Example: Credit Card), the status for completed payments is determined according to your specified status (Example: Confirmed by shopper).

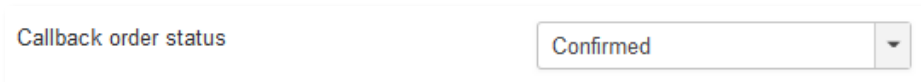


Order completion status

Figure 32

### Invoice / Prepayment / Barzahlen

The callback script is triggered for the payment methods **Invoice**, **Prepayment** and **Barzahlen**. The status of the order is changed from the Order completion status of the order you have configured here to the Callback order status if the cash receipt for this transaction has been recorded in the Novalnet.



Callback order status

Figure 33

### PayPal / Przelewy24 / Guaranteed

For **PayPal**, **Przelewy24** and **Guaranteed** payment when the transaction is pending, the order status will be set to **Order status for the pending payment**.

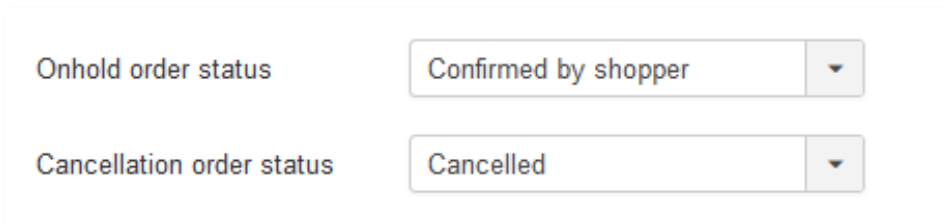


Order status for the pending payment

Figure 34

### On-Hold Bookings

An on-hold booking keeps the order in wait mode (max. Up to 14 days) until you confirm or reject it yourself. To set the status for on-hold transactions, go to **Order status management for on-hold transaction(-s)** under **Extensions** → **Plugins** and search **Novalnet** then click on **Novalnet Global Configuration** in the shop back-end.



Onhold order status

Cancellation order status

Figure 35

Field	Description
Onhold order status	<p>Once the order placed as on-hold transaction, <b>Onhold order status</b> will be set as order status.</p> <p>Once the transaction get confirmed by the merchant, <b>Order completion status</b> of the respective payment will be set as order status.</p> <p>If the transaction get canceled by the merchant, <b>Cancellation order status</b> will be set as an order status.</p>
Cancellation order status	Once the order got canceled (or) fully refunded, <b>Cancellation order status</b> will be set as an order status.
Order completion status	Once the order has been placed successfully, <b>Order completion status</b> of the respective payment will be set as order status.
Callback order status	For <b>Invoice, Prepayment</b> and <b>Barzahlen</b> methods, when an end customer transfer the amount to Novalnet then the callback script will be triggered and the order status will be changed to <b>Callback order status</b> .
Order status for the pending payment	For <b>PayPal, Przelewy24</b> , and <b>Guaranteed payments</b> when the transaction is pending, the order status will be set to <b>Order status for the pending payment</b> .

## 9 ORDERS

To view orders, click on the **Orders** link under **VirtueMart** menu.

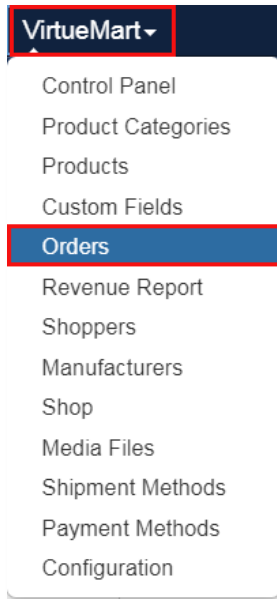


Figure 36

### 9.1 Order overview

Now, click on **Order number** to view the order details of the particular order.




Order number / Invoice	Name / Email	Payment Method	Shipment	Print View	Order Date	Last Modified	Status	Notify Shopper?	Total
ZSSH0122	Novalnet Tester test@novalnet.de	Novalnet Invoice	Self pick-up	  	Thursday, 18 July 2019 09:38	Thursday, 18 July 2019 09:38	Completed	<input type="checkbox"/> Notify Shopper? <input checked="" type="checkbox"/> Include Comment? <input checked="" type="checkbox"/> all lines?	14,99 €

Figure 37

### 9.2 Order details

Now, you can review the order details of the respective order in the **Comment** field.

Date Added	Shopper Notified?	Order Status	<b>Comment</b>
Tuesday, 23 April 2019 04:37	No	Pending	
Tuesday, 23 April 2019 04:42	Yes	Completed	<p>Novalnet Transaction ID: 13944700000820323 Test order</p> <p>Please transfer the amount to the below mentioned account details of our payment processor Novalnet Due date: 05/03/2019 Account holder: Novalnet AG IBAN: DE22740201500000000042 BIC: RZOOE77050 Bank: Raiffeisenlandesbank O Zndl Sddeutschland Passau Amount: 2,50 € Please use any one of the following references as the payment reference, as only through this way your payment is matched and assigned to the order. Payment Reference 1: BNR-14-ZPMM036 Payment Reference 2: TID 13944700000820323 Payment Reference 3: Order number ZPMM036</p>

Figure 38

## 10 FOLLOW-UP TRANSACTION PROCESS

### 10.1 Confirm / Cancel transaction process

Select the particular order and choose the **Confirm / Cancel** link under **Manage transaction process** to Confirm / Cancel the transaction of the respective order.

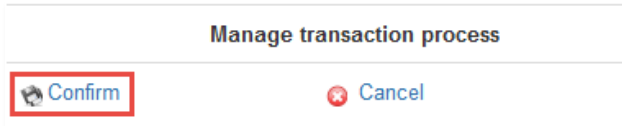


Figure 39

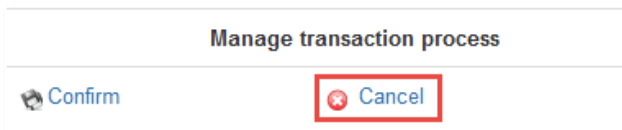


Figure 40

Once the transaction has been confirmed / canceled, the transaction details will be displayed in the **Comment** field of the particular order and the order status will be changed accordingly.

Date Added	Shopper Notified?	Order Status	Comment
Monday, 22 April 2019 09:02	No	Pending	
Monday, 22 April 2019 09:07	Yes	Completed	Novalnet Transaction ID: 13944600002015731 Test order
Monday, 22 April 2019 09:10	Yes	Confirmed	The transaction has been confirmed on 2019-04-22 09:10

Figure 41

Date Added	Shopper Notified?	Order Status	Comment
Monday, 22 April 2019 09:02	No	Pending	
Monday, 22 April 2019 09:07	Yes	Completed	Novalnet Transaction ID: 13944600002015731 Test order
Monday, 22 April 2019 09:10	Yes	Cancelled	The transaction has been cancelled on 2019-04-22 09:10

Figure 42

## 10.2 Transaction refund process

Select the particular order, then click on the **Edit Oder Products** link and edit the amount in **(Product Price (Cost))** field to refund. Click on the **Save** button to save the changes made.

[Edit order products](#)

#	Quantity	Name	SKU	Status of ordered products	Product Price (Cost)	Base price with tax	Product Price (Gross)	Tax	Total Discount	Total
1		CEG #a 33	CEG	Confirmed by shop...	10,00 €	12,00 €	12,00 €	2,00 €	0,00 €	12,00 €
<b>SubTotal:</b>					10,00 €			2,00 €	0,00 €	12,00 €
<b>Shipment Fee:</b>					0,00 €			0,00 €		0,00 €
<b>Payment Fee:</b>					0,00 €			0,00 €		0,00 €
Tax 20%								2,00 €		
<b>Total:</b>								2,00 €	0,00 €	12,00 €

Figure 43

[New Item](#) [Cancel](#) [Save](#)

#	Quantity	Name	SKU	Status of ordered products	Product Price (Cost)	Base price with tax	Product Price (Gross)	Tax 20%	Total Discount	Total
1		CEG #a 33	Enter either the Product Id or the SKU CEG 1010	Denied	10,00 € 10.00000	12,00 € 12.00000	12,00 € 12.00000	2,00 € 2.00000	0,00 € 0.00000	12,00 € Tax 20%
<b>SubTotal:</b>					10,00 €			2,00 €	0,00 €	12,00 €

Figure 44

Then click on the **Refund** link to refund the specified amount.

**Refund process**

Do you want to update the changes in Novalnet? [Refund](#)

Figure 45

Once the refund process has been completed successfully, the transaction details will be displayed in the **Comment** field of the particular order.

Date Added	Shopper Notified?	Order Status	Comment
Wednesday, 10 July 2019 07:16	No	Pending	
Wednesday, 10 July 2019 07:21	Yes	Confirmed by shopper	Novalnet Transaction ID: 13981800002907543 Test order
Wednesday, 10 July 2019 07:43	Yes	Confirmed by shopper	The refund has been executed for the TID: 13981800002907543 with the amount of 2,49 € Your new TID for the refund amount: 13981800003602438

[Update Status](#)

Figure 46

Once the full amount has been refunded successfully, then the transaction will be **Cancelled** and the order status will be changed.

Date Added	Shopper Notified?	Order Status	Comment
Thursday, 23 May 2019 04:40	No	Pending	
Thursday, 23 May 2019 04:45	Yes	Confirmed	Novalnet Transaction ID: 13957500000918103 Test order
Thursday, 23 May 2019 04:49	Yes	Confirmed	The refund has been executed for the TID: 13957500000918103 with the amount of 2,40 €
Thursday, 23 May 2019 04:50	Yes	Cancelled	The refund has been executed for the TID: 13957500000918103 with the amount of 0,09 €

Figure 47

### 10.3 Amount update process

Select the particular order, then click on the **Edit Oder Products** link.


											
#	Quantity	Name	SKU	Status of ordered products	Product Price (Cost)	Base price with tax	Product Price (Gross)	Tax 20%	Total Discount	Total	
	1	CEG #a 33	CEG	Confirmed	10,00 €	12,00 €	12,00 €	2,00 €	0,00 €	12,00 €	
<b>SubTotal:</b>					10,00 €			2,00 €	0,00 €	12,00 €	
<b>Shipment Fee:</b>					2,49 €			0,50 €		2,99 €	
<b>Payment Fee:</b>					1,00 €			0,00 €		1,00 €	
<b>Total:</b>								2,50 €	0,00 €	15,99 €	
<b>Balance</b>					Paid	2019-11-15 12:22:41					

Figure 48

Edit the amount in **(Product Price (Cost))** field to be updated or add a new product by clicking on the **Save** link.





  											
#	Quantity	Name	SKU	Status of ordered products	Product Price (Cost)	Base price with tax	Product Price (Gross)	Tax 20%	Total Discount	Total	
	<input type="text" value="1"/>	<input type="text" value="CEG #a 33"/>	<input type="text" value="CEG"/> <input type="text" value="1010"/>	Confirmed	<input type="text" value="20,00 €"/> <input type="text" value="20.00000"/>	<input type="text" value="24,00 €"/> <input type="text" value="24.00000"/>	<input type="text" value="24,00 €"/> <input type="text" value="24.00000"/>	<input type="text" value="4,00 €"/> <input type="text" value="4.00000"/>	<input type="text" value="0,00 €"/> <input type="text" value="0.00000"/>	<input type="text" value="24,00 €"/> <input type="text" value="24.00000"/> 	
<b>SubTotal:</b>					20,00 €			4,00 €	0,00 €	24,00 €	
<b>Shipment Fee:</b>					<input type="text" value="2,49 €"/> <input type="text" value="2.49000"/>			<input type="text" value="0,50 €"/> <input type="text" value="0.49800"/>		<input type="text" value="2,99 €"/>	
<b>Payment Fee:</b>					<input type="text" value="1,00 €"/> <input type="text" value="1.00"/>			<input type="text" value="0,20 €"/> <input type="text" value="0.20000"/>		<input type="text" value="1,20 €"/>	

Figure 49

Click on the **Confirm** link to change the order amount of the particular transaction.

**Amount update**

---

Do you want to update the changes in Novalnet? Confirm

Figure 50

Once the amount update process has been completed successfully, the transaction details will be displayed in the **Comment** field of the particular order.

Date Added	Shopper Notified?	Order Status	Comment
Wednesday, 17 July 2019 07:20	No	Pending	
Wednesday, 17 July 2019 07:25	Yes	Confirmed by shopper	Novalnet Transaction ID: 13982500001817429 Test order
Wednesday, 17 July 2019 07:26	Yes	Confirmed by shopper	The transaction amount 28,19 € as been updated successfully on 2019-11-15 17:51:50

Update Status +

Figure 51

#### 10.4 Due date change process

Select the particular order, then enter the due date under the **Due Date Change** option and click on the **Confirm** link to update the due date.

**Due Date Change**

---

2019-07-31 Confirm

Figure 52

Once the due date change process has been changed successfully, the transaction details will be displayed in the **Comment** field of the particular order.

Date Added	Shopper Notified?	Order Status	Comment
Thursday, 18 July 2019 09:42	No	Pending	
Thursday, 18 July 2019 09:47	Yes	Completed	<p>Novalnet Transaction ID: 13982600007601366 Test order</p> <p>Please transfer the amount to the below mentioned account details of our payment processor Novalnet <b>Due date: 07/29/2019</b> Account holder: Novalnet AG IBAN: DE22740201500000000042 BIC: RZOODE77050 Bank: Raiffeisenlandesbank O Zndl Sddeutschland Passau Amount: 14,99 €</p> <p>Please use any one of the following references as the payment reference, as only through this way your payment is matched and assigned to the order: Payment Reference 1: BNR-14-KX5U0123 Payment Reference 2: TID 13982600007601366 Payment Reference 3: Order number KX5U0123</p>
Thursday, 18 July 2019 09:48	Yes	Completed	<p>The transaction has been updated with due date 18-07-2019 15:13:45</p> <p>Please transfer the amount to the below mentioned account details of our payment processor Novalnet <b>Due date: 07/31/2019</b> Account holder: Novalnet AG IBAN: DE22740201500000000042 BIC: RZOODE77050 Bank: Raiffeisenlandesbank O Zndl Sddeutschland Passau Amount: 14,99 €</p> <p>Please use any one of the following references as the payment reference, as only through this way your payment is matched and assigned to the order: Payment Reference 1: BNR-14-KX5U0123 Payment Reference 2: TID 13982600007601366 Payment Reference 3: Order number KX5U0123</p>

Figure 53

## 10.5 Expiry date change process

Select the particular order, then Change the expiry date under the **Change expiry slip date** option and click on the **Confirm** link to update the slip expiry date.

The screenshot shows a form titled "Change expiry slip date". Inside the form, there is a text input field containing the date "2019-07-26" and a calendar icon to its right. To the right of the input field is a button labeled "Confirm".

Figure 54

Once the slip expiry date process has been changed successfully, the transaction details will be displayed in the **Comment** field of the particular order.

Date Added	Shopper Notified?	Order Status	Comment
Thursday, 18 July 2019 09:48	No	Pending	
Thursday, 18 July 2019 09:53	Yes	Confirmed by shopper	<p>Novalnet Transaction ID: 13982600007707556 Test order</p> <p>The transaction has been updated with slip expiry date <b>2019-07-23</b></p> <p><b>Store(s) near you</b></p> <p>REWE Max-von-Eyth-Str. 1 Ismaning 85737 Germany</p> <p>dm-drogerie markt Osterfeldstraße 41a Ismaning 85737 Germany</p> <p>REWE Bürgermeister-Amon-Str. 2 Garching 85748 Germany</p>

Figure 55

Thursday, 18 July 2019 09:53	Yes	Confirmed by shopper	<p>The transaction has been updated with due date 18-07-2019 15:18:49</p> <p>The transaction has been updated with slip expiry date <b>2019-07-26</b></p> <p><b>Store(s) near you</b></p> <p>REWE Max-von-Eyth-Str. 1 Ismaning 85737 Germany</p> <p>dm-drogerie markt Osterfeldstraße 41a Ismaning 85737 Germany</p> <p>REWE Bürgermeister-Amon-Str. 2 Garching 85748 Germany</p>
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Figure 56

## 11 SHOPPING TYPE

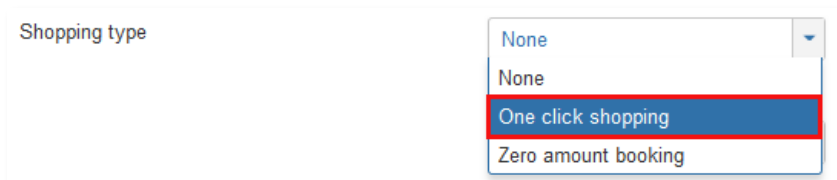
We have integrated the shopping type (**One click shopping** and **Zero amount Booking**) for the below mentioned payment methods.

- Credit Card
- Direct Debit SEPA
- PayPal

### 11.1 One click shopping

One click shopping is the process which allows the registered customers to make online payment with the use of the payment account details or card details entered by the user in the previous order.

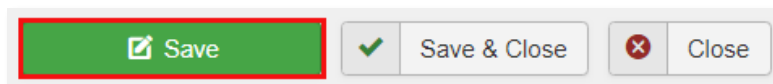
Select **One click shopping** option from **Shopping type**.



A screenshot of a web form showing a dropdown menu for 'Shopping type'. The menu is open, displaying three options: 'None', 'One click shopping', and 'Zero amount booking'. The 'One click shopping' option is highlighted with a red border and a blue background.

Figure 57

Click on the **Save** button to update/save the changes made.

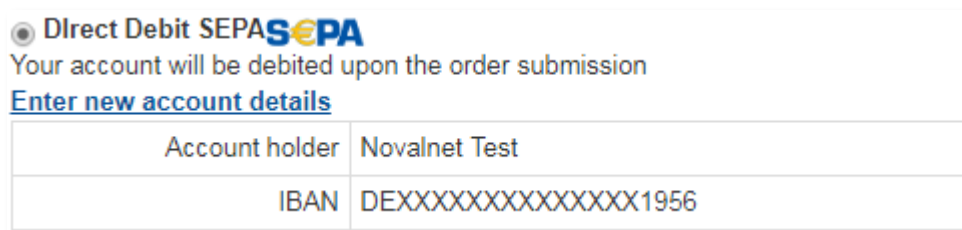


A screenshot of a button bar containing three buttons: a green 'Save' button with a checkmark icon, a 'Save & Close' button with a checkmark icon, and a 'Close' button with a red 'X' icon. The 'Save' button is highlighted with a red border.


Figure 58

### Credit Card / Direct Debit SEPA / PayPal

After a successful order when the customer proceeds with another order, the payment account details will be displayed with the masked pattern in the web shop as shown below.



A screenshot of a payment account details form for Direct Debit SEPA. The form includes a radio button for 'Direct Debit SEPA', a warning message, and a table with account details.

**Direct Debit SEPA** 

Your account will be debited upon the order submission


[Enter new account details](#)

Account holder	Novalnet Test
IBAN	DEXXXXXXXXXXXXXXXX1956

Figure 59

### Enter new account details

When the customer wants to change the account details, they can proceed by clicking on the **Enter new account details** link in the web shop as shown below.

**Direct Debit SEPA** 

Your account will be debited upon the order submission


[Enter new account details](#)

Account holder	Novalnet Test
IBAN	DEXXXXXXXXXXXXXXXX1956

Figure 60

### Given account details

If the customer wants to use the same account details which was masked, they can proceed with the masked account details by clicking on the **Given account details** link in the web shop as shown below.

**Direct Debit SEPA** 

Your account will be debited upon the order submission

[Given account details](#)

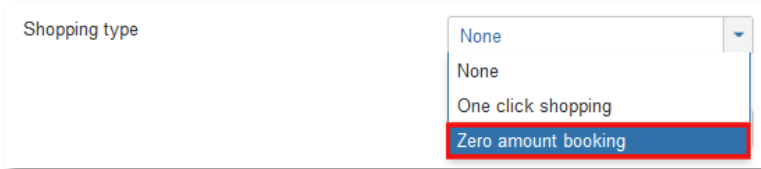
Account holder	<input type="text" value="Novalnet Test"/>
IBAN	<input type="text"/>
	<input type="checkbox"/> <b>Save my account details for future purchases</b> <b>I hereby grant the mandate for the SEPA direct debit (electronic transmission) and confirm that the given bank details are correct.</b>

Figure 61

## 11.2 Zero amount booking

In this process, the payment will be processed with amount value as zero. Once the order has been placed successfully, the merchant has to book the order amount to complete the transaction.

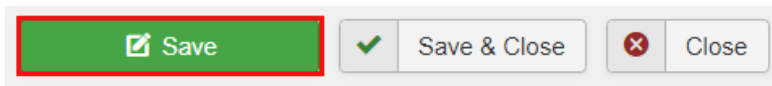
Select **Zero amount booking** option from **Shopping type**.



The screenshot shows a dropdown menu for 'Shopping type'. The options are 'None', 'None', 'One click shopping', and 'Zero amount booking'. The 'Zero amount booking' option is highlighted with a red border.

Figure 62

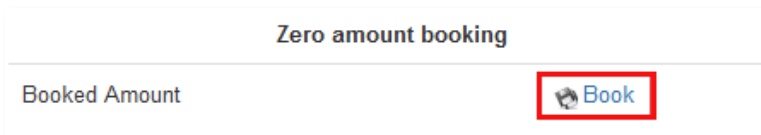
Click on the **Save** button to update/save the changes made.



The screenshot shows a row of three buttons: 'Save' (highlighted with a red border), 'Save & Close', and 'Close'.

Figure 63

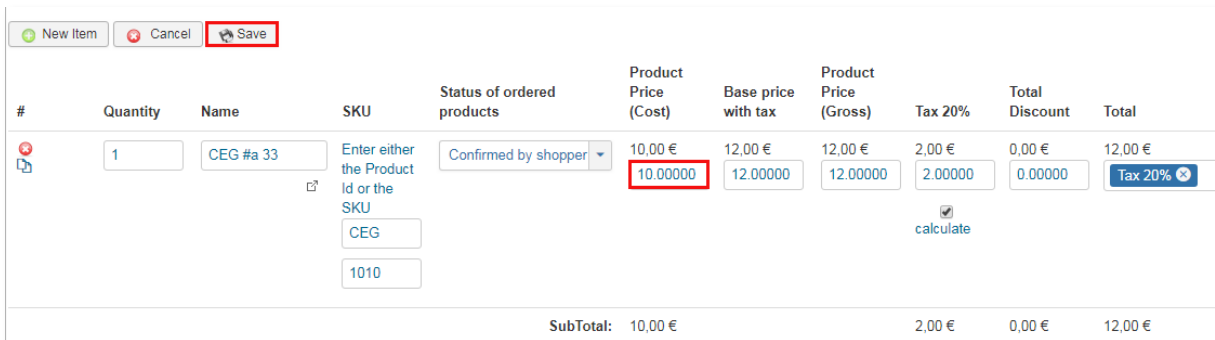
After placing the order with zero amount booking, select the particular order, click on the **Book** link to book the specified amount under the **Zero amount booking**.



The screenshot shows a 'Zero amount booking' section with a 'Booked Amount' field and a 'Book' button (highlighted with a red border).

Figure 64

If necessary, change the order amount by clicking on the **Edit** link and edit the amount in **(Product Price (Cost))** field. Click on the **Save** button to save the changes made in the order total.



The screenshot shows an order management interface with a table of items and a 'Save' button highlighted with a red border. The table has columns for #, Quantity, Name, SKU, Status of ordered products, Product Price (Cost), Base price with tax, Product Price (Gross), Tax 20%, Total Discount, and Total.


#	Quantity	Name	SKU	Status of ordered products	Product Price (Cost)	Base price with tax	Product Price (Gross)	Tax 20%	Total Discount	Total
1	1	CEG #a 33	Enter either the Product Id or the SKU CEG 1010	Confirmed by shopper	10,00 € 10.00000	12,00 € 12.00000	12,00 € 12.00000	2,00 € 2.00000	0,00 € 0.00000	12,00 € 12.00000
<b>SubTotal:</b>					10,00 €			2,00 €	0,00 €	12,00 €

Figure 65

Once the booking process is completed successfully, refer the booked details in the **Comment** tab for the respective order as shown below.

Date Added	Shopper Notified?	Order Status	Comment
Monday, 23 April 2018 07:17	No	Pending	
Monday, 23 April 2018 07:17	Yes	Confirmed	Novalnet Transaction ID: 13739900001405891 Test order
Monday, 23 April 2018 07:17	Yes	Confirmed	Novalnet Transaction ID: 13739900001406754 Test order  Your order has been booked with the amount of 14,99 €. Your new TID for the booked amount: 13739900001406754

Figure 66

 Zero amount booking will not be processed, if subscription is activated.

## 12 SUBSCRIPTIONS

You have maximum flexibility in your settings and can offer both a perpetual and a limited subscription with different variants (dynamic subscription, pre-defined subscription, etc.). As a debiting cycle, every period from one day is conceivable (Example three days, one week, one month, at the beginning of the month, quarterly, half yearly, yearly, etc.). Novalnet AG takes over the release of the subscription and the continuous monitoring of incoming payments through a pre-defined and fully automated process. Through the comprehensive interface (as said completely automated) and also via the admin portal (in this case manually) of Novalnet AG you can of course also trigger the control automatically or manually on your own. As an optional service, Novalnet AG offers end customers a user-friendly customer portal (<https://card.novalnet.de>) for terminations of perpetual subscriptions. You can of course also have your own end customer management with the interface of Novalnet AG. Fully automated subscription management reduces your time: Subscriptions are automatically triggered, incoming payments are monitored by Novalnet and the settlement of subscriptions with different maturities is possible.

The Novalnet offers you 2 variants of subscriptions:

### Pre-defined subscription

With a pre-defined subscription, the desired subscription cycles with duration, amount and number of repetitions are predetermined in the [Novalnet Merchant Administration portal](#) under the **PROJECTS** → **Select project** → **Shop Parameters** → **Create new tariff**.

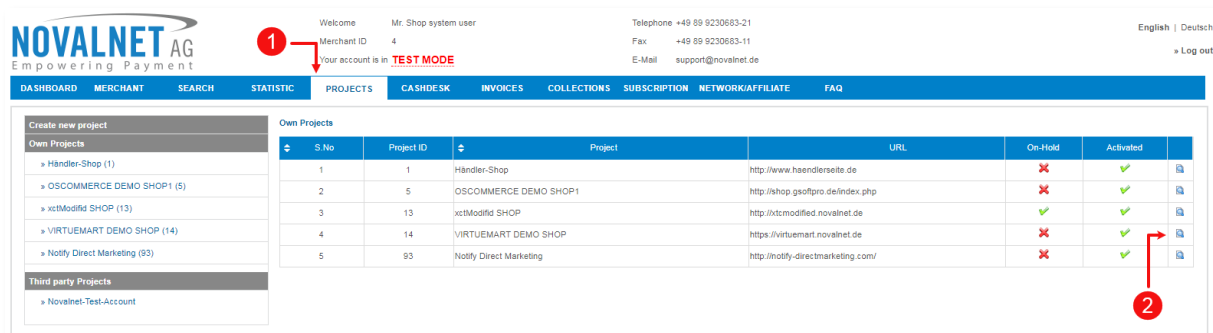


Figure 67

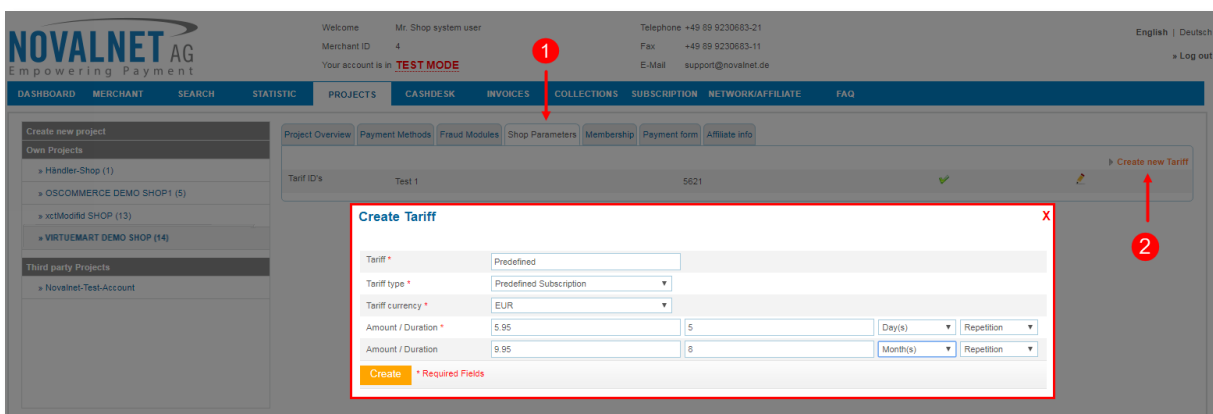


Figure 68

During the actual payment call, only these settings are then referenced and the Novalnet system creates the subscription according to the settings. The amount also has to be transferred to the payment call, since it is already deposited in the subscription settings.

## Dynamic subscription

For dynamic subscriptions, only the currency and the assignment to a product are stored in the [Novalnet Merchant Administration portal](#). Amounts and subscription cycles are transferred dynamically during the payment call, Novalnet then automatically creates the subscription according to the submitted specifications.

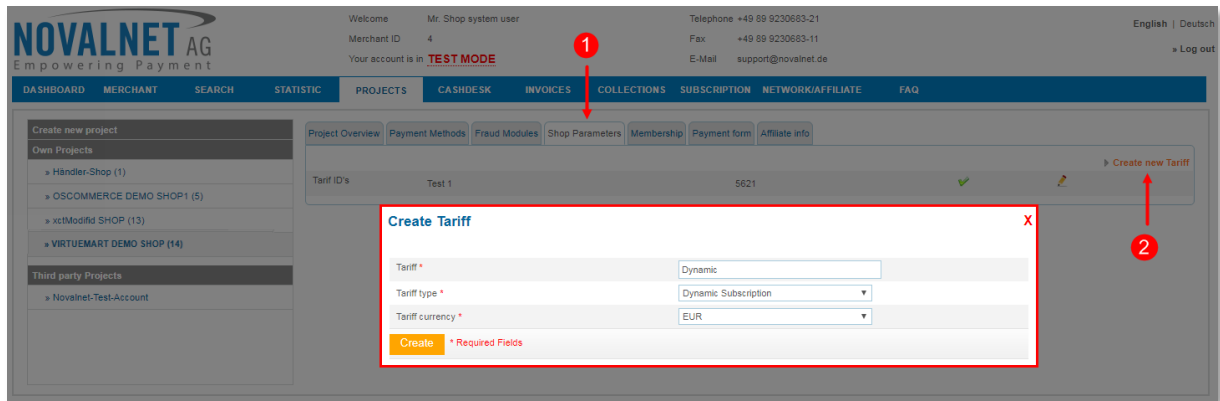



Figure 69

 For subscriptions, please deposit the respective tariff ID from the [Novalnet Merchant Administration portal](#) in the shop backend.

### 13 AFFILIATE SYSTEM MANAGEMENT

With the payment solutions offered by Novalnet, customers can order items from different retailers and go through a single payment process even for mixed shopping baskets. In this process, the central incoming payments are processed automatically and zag-compliant and forwarded to the respective dealers. Through the integrated affiliate management (Marketplace) solution of Novalnet AG, the trader as a platform operator can simultaneously handle up to four involved payees per transaction in an amount. The payment call is then fully automated at Novalnet AG and split in real time to these four payment recipients involved. In addition to this real-time splitting of the transaction, Novalnet AG also offers the account management for the Partners (affiliate), including a transparent invoice creation, fiduciary money management, payment, an extensive customer management, etc. To every payment recipient of the trader of Novalnet AG who is involved can view all transactions in detail via the [Novalnet Merchant Administration portal](#) of Novalnet AG.

Through our [Novalnet Merchant Administration portal](#), you have the possibility to register one of your potential affiliates simply as a partner via a link under **PROJECTS** → **Select project** → **Affiliate Info**

Example: [https://www.virtuemart.novalnet.de/index.php?nn\\_aff\\_id=Vendor-ID](https://www.virtuemart.novalnet.de/index.php?nn_aff_id=Vendor-ID)

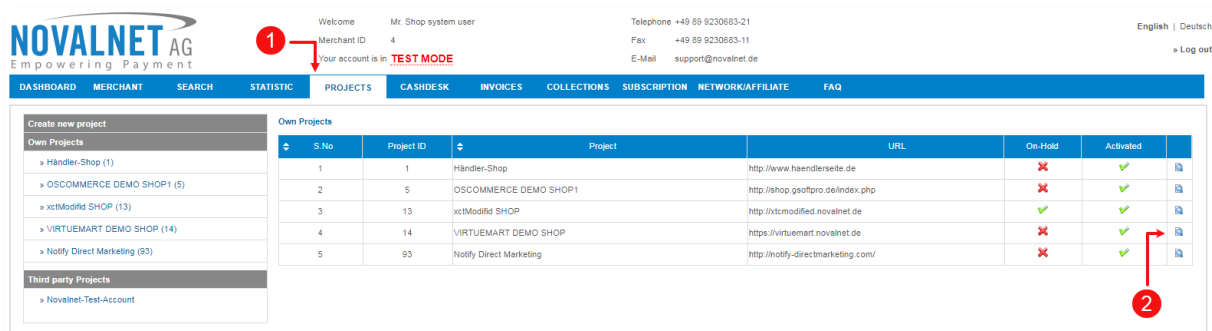


Figure 70

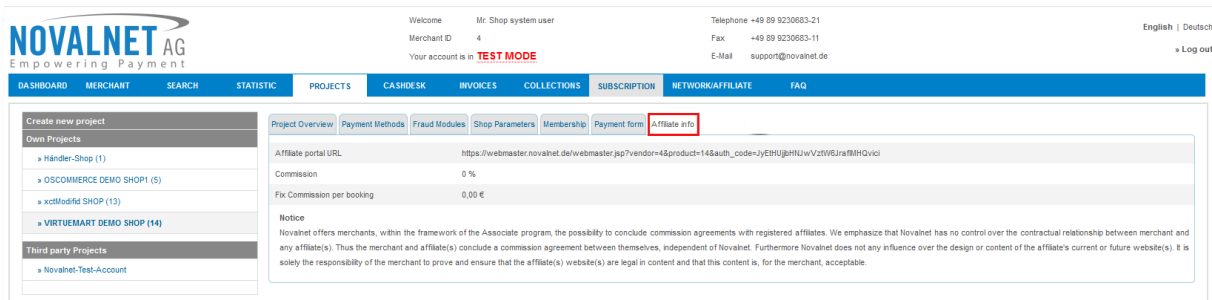


Figure 71

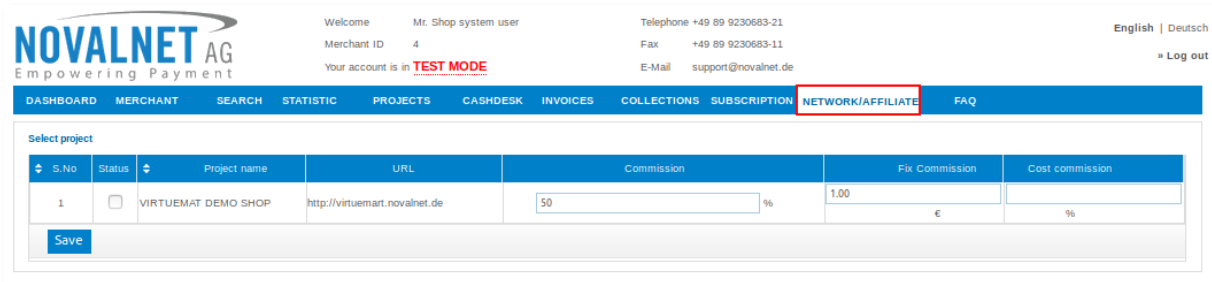


Figure 72

## 14 UNINSTALLATION PROCEDURE

To uninstall the Novalnet payment plugin, go to **Extensions** → **Manage** → **Manage**.

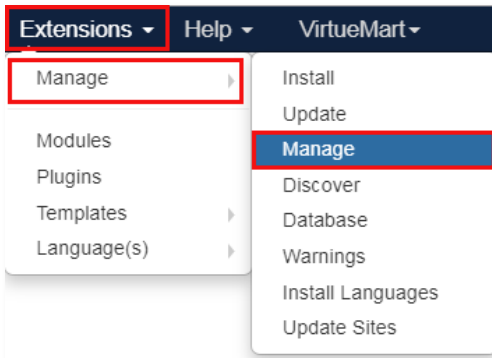


Figure 73

Search the **Novalnet**, select the respective checkbox and click on the **Uninstall** button.

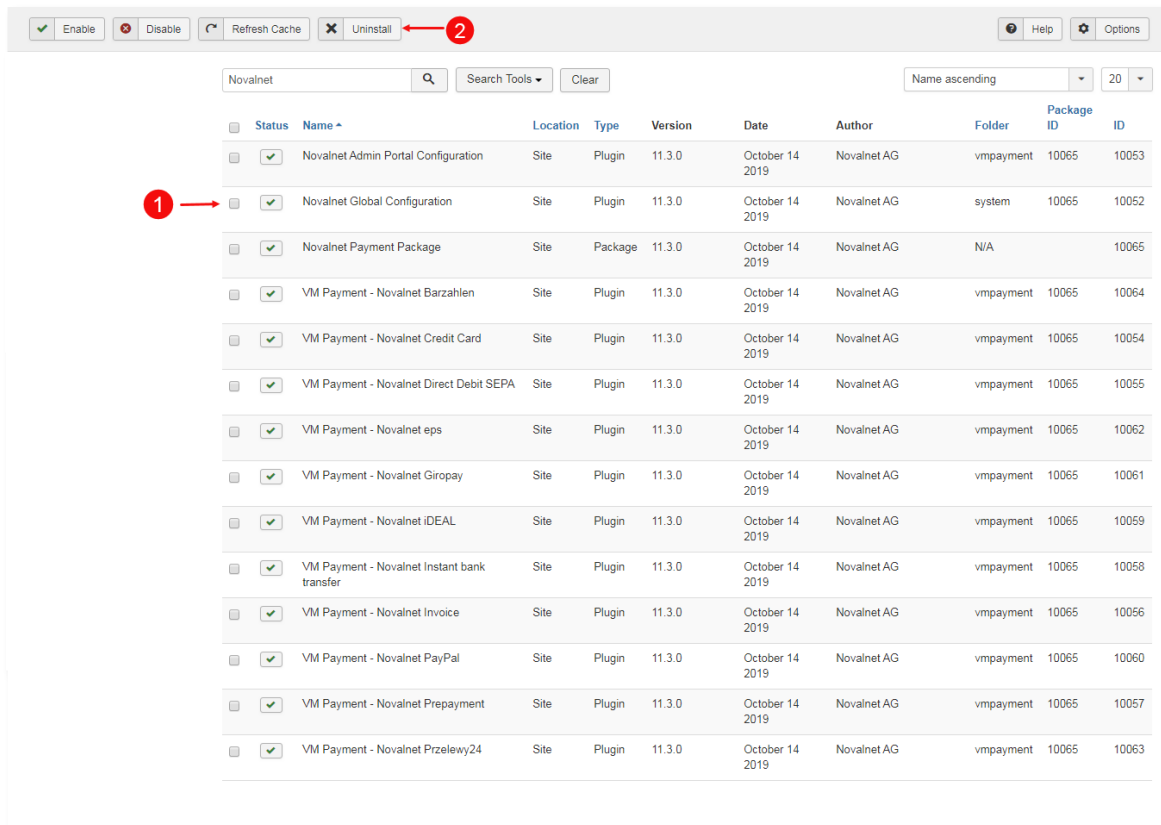


Figure 74

## 15 TELEPHONE / EMAIL SUPPORT / CONTACT

On any kind of enquiries please contact one of the following departments as per your requirement.

**Technical support:**

[technic@novalnet.de](mailto:technic@novalnet.de)

+49 89 9230683-19

**General merchant support:**

[support@novalnet.de](mailto:support@novalnet.de)

+49 89 9230683-21

**Sales team contact:**

[sales@novalnet.de](mailto:sales@novalnet.de)

+49 89 9230683-20