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Installation Guide for Modified E-commerce Novalnet Module

Version	Date	Remarks
11.3.1	03.01.2025	[Fix] Compatibility for Modified E-commerce 3.1.2-r16207

🔑 For previous version changelogs, go to,

<https://github.com/Novalnet-AG/modifiedecommerce-payment-integration-novalnet/releases>

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1 QUICK SETUP

This guide describes the quick installation procedure of Novalnet payment module (this guide comes along with the module), to integrate it with your shop system and to start accepting payments worldwide. For this integration, a Novalnet merchant account is required, so please make sure that you have received your merchant account details from our sales team. If not, drop a mail to sales@novalnet.de

This Novalnet payment module package version (11.3.1) supports the following versions of Modified eCommerce:



To get started:

1. Log in to the [Novalnet Admin Portal](#) with your merchant account details (user credentials) and
2. Log in to your Modified eCommerce shop system.
3. Make sure that you have extracted the payment module package from the zip file you have received. If you have received only the installation guide without the payment module package (zip file), please send us a mail to technic@novalnet.de with your merchant ID.

1.1 Module Installation

To install the Novalnet Payment Module, please go to your Modified eCommerce shop system and follow the steps below.

Step 1: Upload the contents of the **NovalnetGateway** folder (which you have extracted from the payment module package/zip file) into the file path: **<shoproot>** directory as shown below.

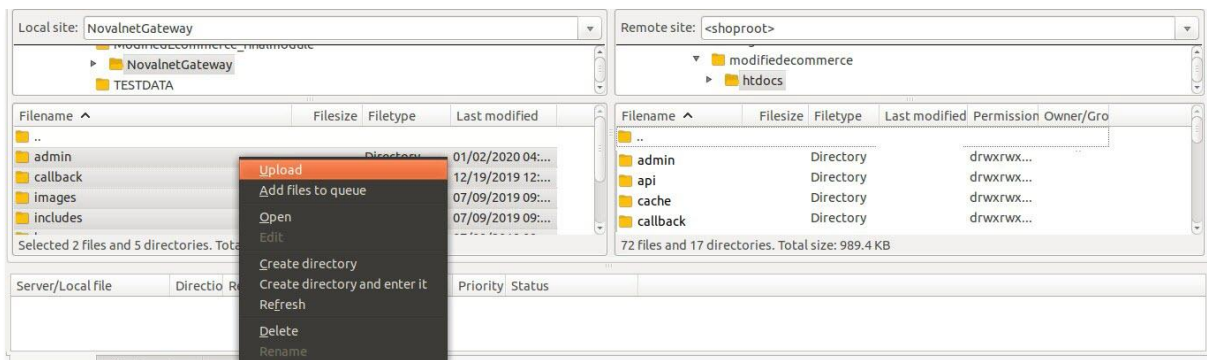


Figure 1

After successfully uploaded the Novalnet payment module, navigate to **Modules** → **Payment Methods** as shown below.

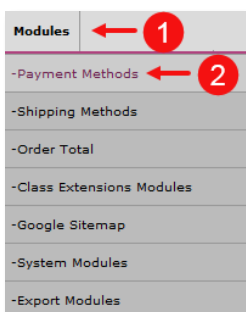


Figure 2

Navigate to the **Novalnet Global Configuration** under **Modules** and click  Action to proceed with the configuration.













Payment Modules		
Modules		
Modules not installed		
Modules	Module name (for internal usage)	Action
Barzahlen/viacash	novalnet_barzahlen	
Credit/Debit Cards	novalnet_cc	
Novalnet Global Configuration	novalnet_config	
eps	novalnet_eps	
giropay	novalnet_giropay	
IDEAL	novalnet_ideal	
Invoice	novalnet_invoice	
PayPal	novalnet_pp	
Prepayment	novalnet_prepayment	
Przelewy24	novalnet_przelewy24	
Direct Debit SEPA	novalnet_sepa	
Sofort	novalnet_sofortbank	

Figure 3

Click **Install** to install the module in the shop admin.

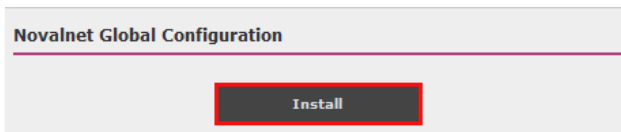


Figure 4

1.2 Global Configuration in the Modified E-Commerce shop system

The main configuration occurs in your Modified e-commerce shop admin as well as in the [Novalnet Admin Portal](#).

In your Modified e-Commerce shop admin, navigate to **Modules** → **Payment Methods** → **Novalnet Global Configuration**. Click **Edit** to configure the merchant details under **Novalnet Global Configuration** page.

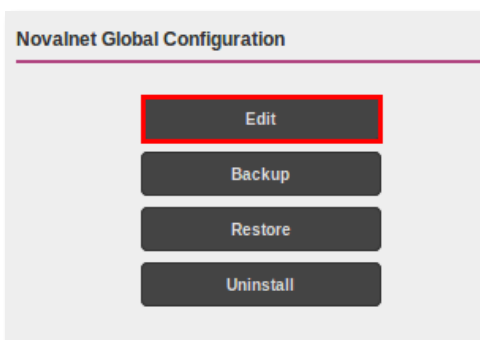


Figure 5

Enter the **Product activation key** it is mandatory to configure under **Novalnet Global Configuration**.

Payment Modules
Modules

Novalnet Global Configuration

Product activation key
Get your Product activation key from the [Novalnet Admin Portal](#): Projects > Choose your project > API credentials > API Signature (Product activation key)

Merchant ID

Authentication code

Project ID

Payment access key

Client key

Select Tariff ID
Select a Tariff ID to match the preferred tariff plan you created at the Novalnet Admin Portal for this project

Figure 6

- i Product activation key** - a unique token for merchant authentication and payment processing.
- i Merchant ID** - The Merchant ID is provided by Novalnet AG after the opening of a merchant account.
- i Authentication code** - The Authentication code is provided by Novalnet AG after opening a merchant account.
- i Project ID** - The Project ID is a unique identification number of a created merchant project. The merchant can create any number of projects in the [Novalnet Admin portal](#).
- i Payment access key** - a secret key assigned to each merchant which encrypts the data to avoid user manipulation and fraud.
- i Client Key** - a unique key which is linked with your Novalnet merchant account to authenticate your client based requests. You need the client key to render the secure payment form and tokenize (temporarily) the sensitive information.
- i Tariff ID** – a unique identifier which is dynamically created based on the tariff type at Novalnet.

To get your **Product activation key**, log in to the [Novalnet Admin Portal](#), navigate to **Projects** menu and choose your project as shown below.

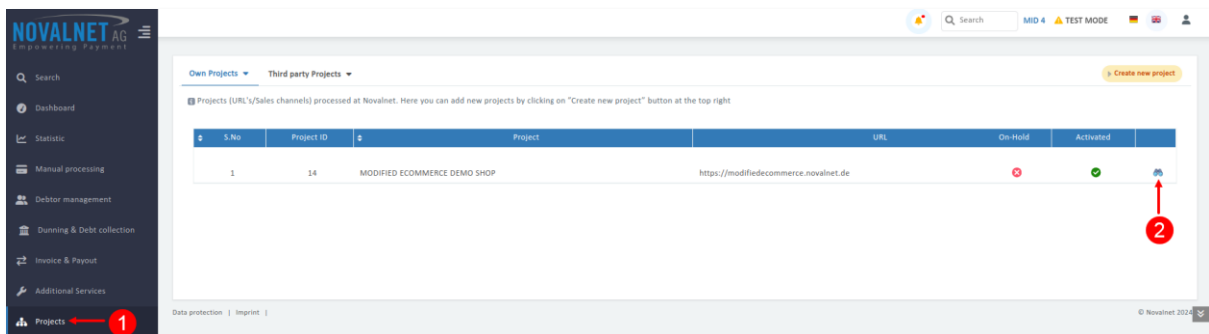


Figure 7

Click **API credentials**, copy the **API Signature (Product activation key)**. Create a Tariff ID for each tariff type for the Webshop.

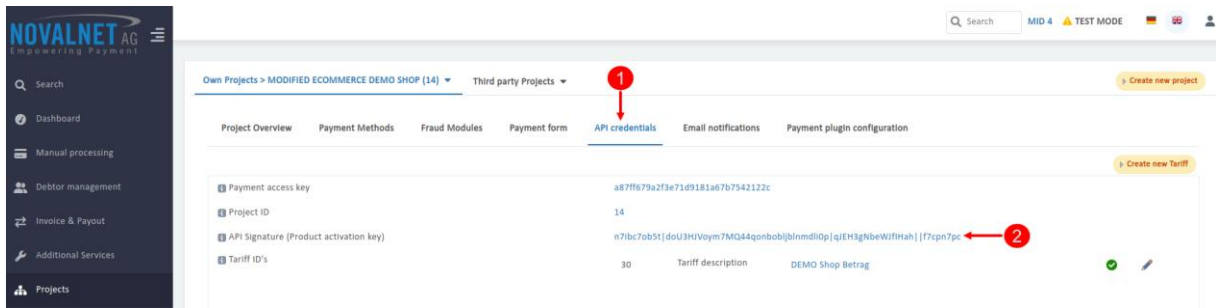


Figure 8

Paste the **Product activation key** in the respective field in your shop admin. Next, choose the Tariff ID from the drop down menu that you have created in the [Novalnet Admin Portal](#) for this Modified e-Commerce shop system.

Payment Modules
Modules

Novalnet Global Configuration

Product activation key
Get your Product activation key from the [Novalnet Admin Portal](#): Projects > Choose your project > API credentials > API Signature (Product activation key)
n7bc7ob5t[doU3H3Voym7MQ44qonbobljblnmdl0p[qjEH3gNbeWJfIHah][f7cpn7pc]

Merchant ID
4

Authentication code
JyEtHujbHNJwVztW6JrafIMHQvici

Project ID
14

Payment access key
a87ff679a2f3e71d9181a67b7542122c

Client key
0f84e6cf6fe1b93f1db8198aa2eae719

Select Tariff ID
Select a Tariff ID to match the preferred tariff plan you created at the Novalnet Admin Portal for this project
DEMO Shop Betrag

Update **Cancel**

Figure 9

Then click **Update** to update the changes.

1.2.1 Notification/Webhook configuration in the Novalnet Admin Portal

In the **Novalnet Global Configuration** page on your shop system you will find your **Notification / Webhook URL** under **Notification / Webhook URL Setup** as shown below.

Notification / Webhook URL Setup

Allow manual testing of the Notification / Webhook URL
Enable this to test the Novalnet Notification / Webhook URL manually. Disable this before setting your shop live to block unauthorized calls from external parties
☐ Yes ☒ No

Enable e-mail notification
Enable this option to notify the given e-mail address when the Notification / Webhook URL is executed successfully
☐ Yes ☒ No

Send e-mail to
Notification / Webhook URL execution messages will be sent to this e-mail

Notification / Webhook URL
Notification / Webhook URL is required to keep the merchant's database/system synchronized with the Novalnet account (e.g. delivery status). Refer the Installation Guide for more information

Figure 10

To configure **Notification/Webhook URL**, go to Novalnet Admin Portal under **Projects** → Choose your project → **API credentials** → Click **Edit** - paste the **Notification/Webhook URL** under the field **Vendor script URL / Notification & Webhook URL**.

① For example, <https://modifiedecommerce.novalnet.de/callback/novалnet/callback.php>

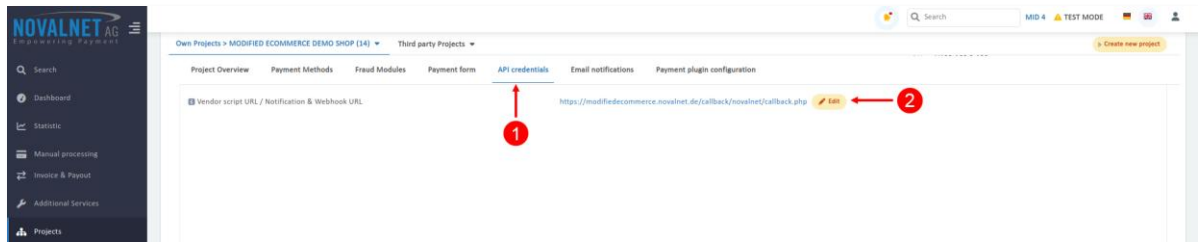


Figure 11

In your shop system, you can additionally test the Notification/Webhook URL manually and address notification emails to specific email addresses as shown below.

Notification / Webhook URL Setup

Allow manual testing of the Notification / Webhook URL
Enable this to test the Novalnet Notification / Webhook URL manually. Disable this before setting your shop live to block unauthorized calls from external parties

Enable e-mail notification
Enable this option to notify the given e-mail address when the Notification / Webhook URL is executed successfully

Send e-mail to
Notification / Webhook URL execution messages will be sent to this e-mail

Notification / Webhook URL
Notification / Webhook URL is required to keep the merchant's database/system synchronized with the Novalnet account (e.g. delivery status). Refer the Installation Guide for more information

<https://modifiedecommerce.novalnet.de/callback/novалnet/callback.php>

Figure 12

- ① **Allow manual testing of the Notification / Webhook URL** – Select **Yes** to test Notification/Webhook URL manually. Select **No** to disable test mode and to block unauthorized calls from external parties.
- ① **Enabled e-mail notification** - Click **Yes** to enable email notifications.
- ① **Send e-mail to** - Every execution will be sent as a message to the e-mail address defined in this field.
- ① **Notification/Webhook URL** - Required to keep the merchant's database/system up to date and always synchronized with Novalnet (for example: up-to-date transaction status delivery).

1.2.2 Client key configuration in the Novalnet Admin Portal

Novalnet allows client-side request(s) only from the **whitelisted domains under a particular project** so you must whitelist your domains in the [Novalnet Admin Portal](#). The whitelisted domain should always be a valid (secured https://) website. Please follow the below steps to whitelist the domains in the [Novalnet Admin Portal](#). You can configure multiple domain URLs under a single client key.

Step 1: Log in to the [Novalnet Admin Portal](#) with your Novalnet merchant account details.

Step 2: Navigate to the **Projects** menu and choose your project as shown below.

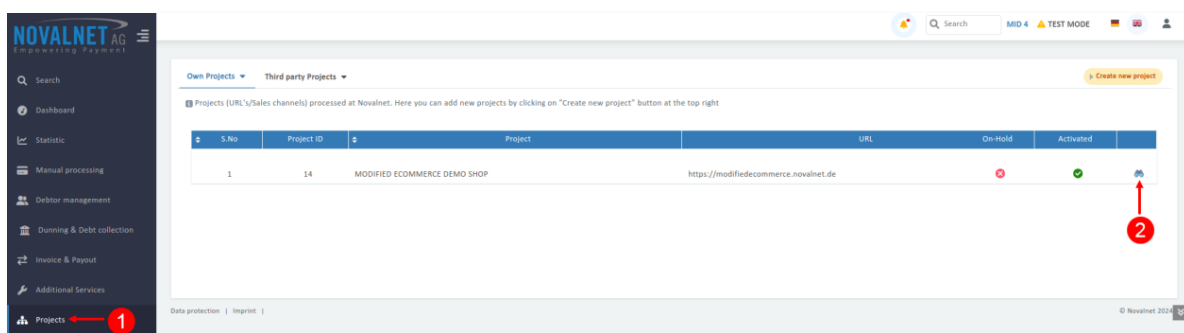


Figure 13

Step 3: On the projects details page click **API credentials** and click **Edit** beside **Allowed Domain(s)** as shown below.

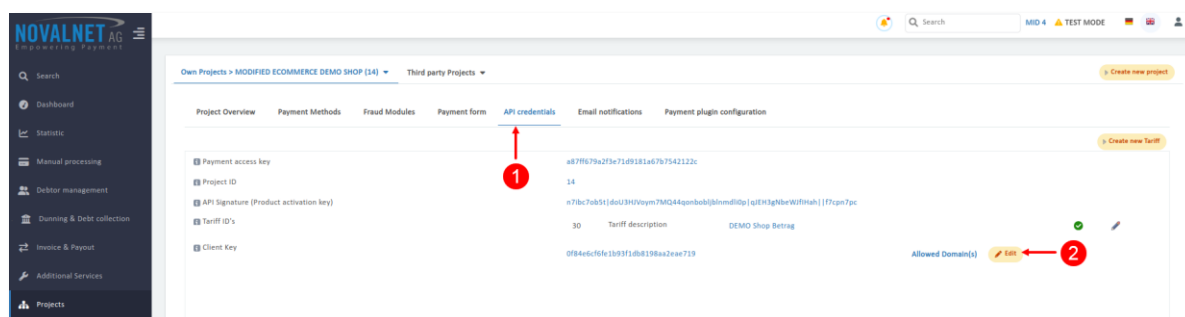


Figure 14

Step 4: Paste your website URL in the **Domain name** field and click **+ Add** as shown below.

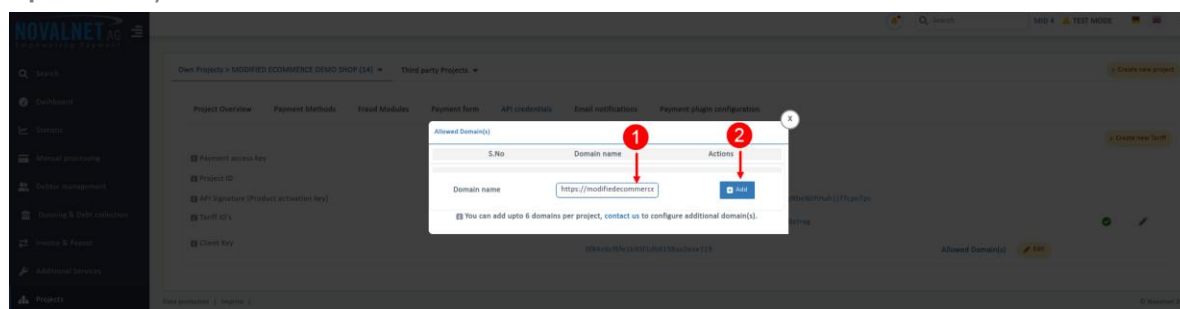


Figure 15

Step 5: After successfully adding the **Domain name**, the web URLs are listed under **Allowed Domain(s)** as shown below.

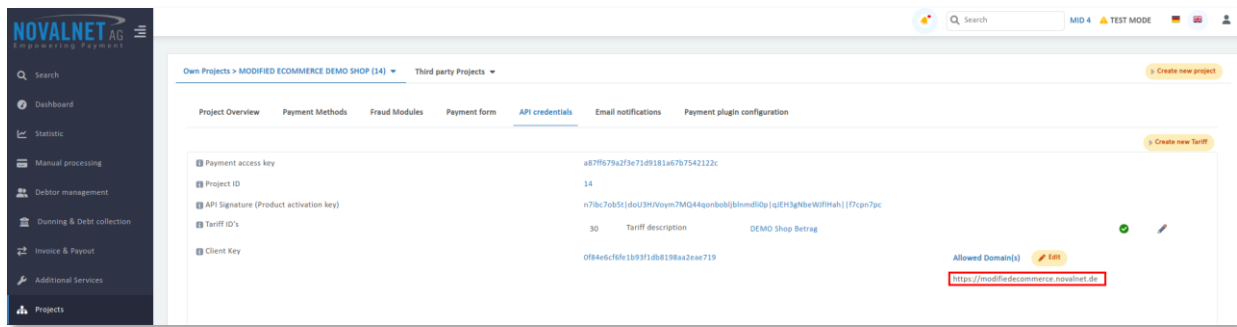


Figure 16

1.3 Payment Activation in the Novalnet Admin Portal

All the Novalnet supported payment methods can be viewed here: www.novalnet.com/payment if you have questions about the payment methods or additional payment method requests, please contact sales@novallnet.de

To activate the [preferred payment methods](#) for your website, navigate to [Novalnet Admin Portal](#) → **Projects** → Choose your projects → **Payment Methods** → click **Edit Payment Methods** in the top right corner as shown below.

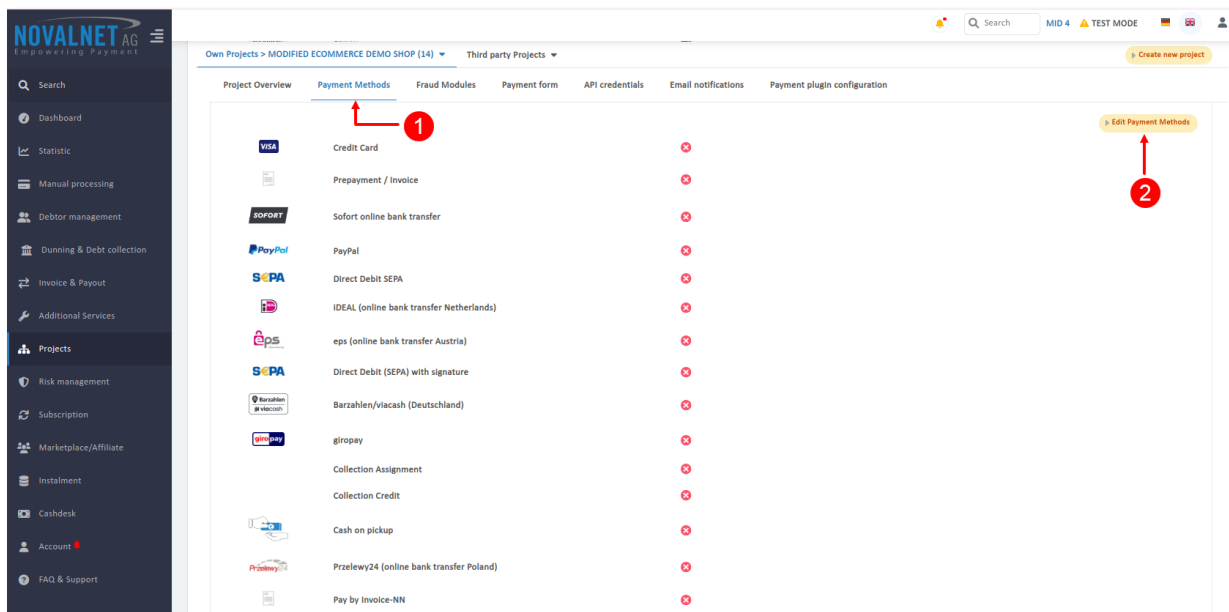


Figure 17

Now select the preferred payment methods and click Update to activate them.

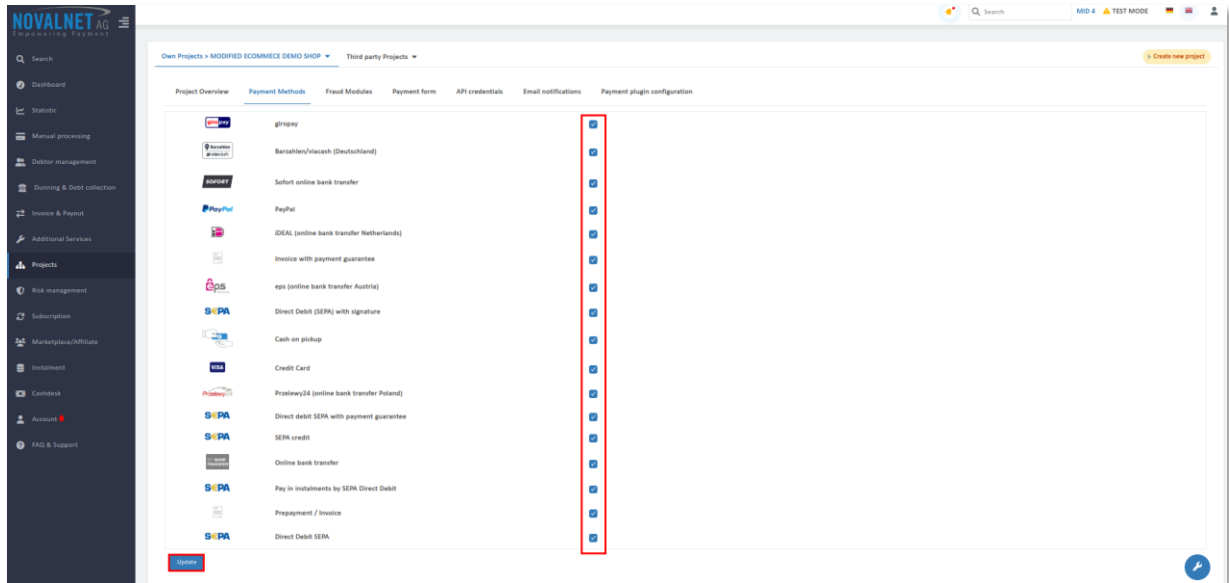


Figure 18

To use the **PayPal** payment method, configure the PayPal API details in [Novalnet Admin Portal](#) as shown below.

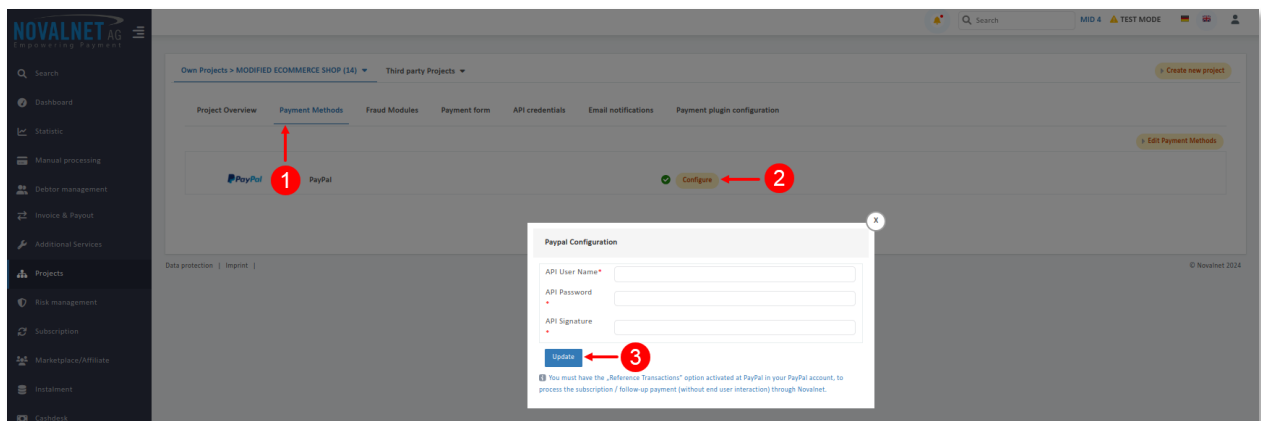


Figure 19

1.4 Payment Activation in the Modified E-Commerce shop system

After activating the payment methods in the [Novalnet Admin Portal](#), you must enable these payment methods in your shop system to display them on your Modified e-commerce checkout page. Navigate to **Modules → Payment Methods** as shown below.

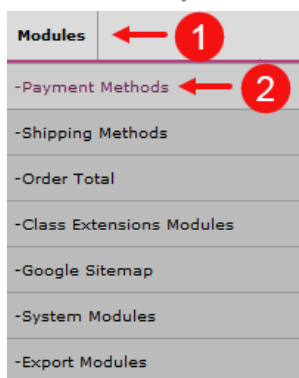


Figure 20

Click **Action**  at the right of each payment methods to install and configure.












Payment Modules				
Modules				
Modules not installed				
Modules	Module name (for internal usage)	Sort Order	Status	Action
Barzahlen/viacash	novalnet_barzahlen	0		
Credit/Debit Cards	novalnet_cc	0		
eps	novalnet_eps	0		
giropay	novalnet_giropay	0		
IDEAL	novalnet_ideal	0		
Invoice	novalnet_invoice	0		
PayPal	novalnet_pp	0		
Prepayment	novalnet_prepayment	0		
Przelewy24	novalnet_przelewy24	0		
Direct Debit SEPA	novalnet_sepa	0		
Sofort	novalnet_sofortbank	0		

Figure 21

Installing the payment method

To install Novalnet payment methods, select the required payment from the list and click **Install**.

Direct Debit SEPA

Install

Your account will be debited upon the order submission

Figure 22

After installation, enable the payment method by clicking on the **Edit** button.

Direct Debit SEPA

Edit

Backup

Restore

Uninstall

Figure 23

Set the **Display payment method** as **Yes**, to display the payment in the web shop.

Display payment method

Yes

No

Figure 24

Click **Update** to save the changes made.

Update

Cancel

Figure 25

Follow the same procedure to install the remaining Novalnet payment methods.

Refer chapter [3 ADDITIONAL CONFIGURATION](#) for more payment configurations.

i If you have any recommendations or suggestions for improvement? Kindly share your thoughts with us to develop our payment module further technic@novalnet.de or call us at +49 89 9230683-19.

1.5 Readme Procedures

1.5.1 To avoid Chrome site cookies

Chrome site cookies get stored while redirecting the payments. To avoid these, navigate to **Adv.Configuration → Sessions** in shop admin as shown below.

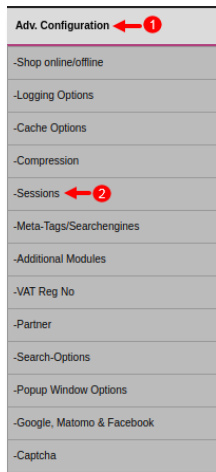


Figure 26

Set **No** for **Force Cookie Use** and click **Save** as shown below.

Sessions Configuration		
Session Directory	/tmp	If sessions are file based, store them in this directory.
Force Cookie Use	<input checked="" type="radio"/> Yes <input type="radio"/> No	Force the use of sessions when cookies are only enabled (Default "true") CAUTION: This feature prevents the session ID in the URL
Recreate Session	<input checked="" type="radio"/> Yes <input type="radio"/> No	Recreate the session to generate a new session ID when a customer logs on or creates an account (PHP >=4.1 needed). (Default "false") CAUTION: This feature might reduce the operability of the shop system. Change it only when you are aware of the following consequences and your webserver supports the corresponding feature.
Session lifetime customer	14400	Time in seconds before the session time for customers expires (logging out) - Default 1440 The entered value is only applied if the session handling is db based (configure.php => define('STORE_SESSIONS', 'mysql')) Maximum value: 14400
Session lifetime Admin	14400	Time in seconds before the session time for Admins expires (logging out) - Default 7200 The entered value is only applied if the session handling is db based (configure.php => define('STORE_SESSIONS', 'mysql')) Maximum value: 14400

Figure 27

1.5.2 To display the Barzahlen/viacash slip

To display Barzahlen/viacash slip in the shop success page follow the below mentioned readme steps,

Step 1: File path: <Root_Directory>/checkout_success.php.

🔑 For modified-eCommerce version 1.06-r4642_SP3 & below

Search the below line

```
$smarty->assign('FORM_END', '</form>');
```

add the following code after the searched line

```
// Novalnet code begins

if (!empty($_SESSION['novalnet_cp_token'])) {
    require_once (DIR_WS_MODULES . 'payment/novalnet_barzahlen.php');
    include_once(DIR_WS_LANGUAGES . $_SESSION['language'] . '/modules/payment/novalnet_barzahlen.php');
    $payment_modules = new novalnet_barzahlen($payment_class);
    $smarty->assign('NN_BARZAHLEN', $payment_modules->success());
    unset($_SESSION['novalnet_cp_token']);
}

// Novalnet code ends
```

After adding the codes save the file.

Step 2: File path: <Root_Directory>/templates/{current-active-template}/module/checkout_success.html

Search the below line

```
{BUTTON_PRINT}{FORM_END}
```

add the following code after the searched line

```
<p>{NN_BARZAHLEN}</p>
```

After adding the codes save the file.

1.5.3 To display the Novalnet transaction details

Step 1: To display the Novalnet transaction details in **print order page** in shop front-end follow the below mentioned readme changes in the file path,

File path: <Root_Directory>/templates/{current-active-template}/module/print_order.html

Search the below tag

```
</body>
```

add the following code before the searched tag

```
<!-- Novalnet code begins -->
{if $COMMENT != ""}
<div class="hr"></div>
<h2>{#comments#}</h2>
<font size="1" face="Verdana, Arial, Helvetica, sans-serif">{ $COMMENT | nl2br}</font>
<div class="hr"></div>
{/if}
<!-- Novalnet code ends -->
```

After adding the codes save the file.

Step 2: To display transaction details with proper alignment and with reference details for Novalnet Invoice and Prepayment in order confirmation E-mail, follow the below mentioned readme changes in the file path,

File path: <Root_Directory>/send_order.php

Search the below line

```
$order = new order($insert_id);
```

☛ For modified-eCommerce version 2.0.2.2-r10690 and below.

add the following code after the searched line

```
// Novalnet code begins

if(in_array($order->info['payment_method'],array('novalnet_invoice','novalnet_prepayment'))){

    $order->info['comments'] .=
    NovalnetUtil::novalnetReferenceComments(serialize($payment_reference),$SESSION['novalnet'][$order->info['payment_method']]);

}

$order->info['comments'] = nl2br($order->info['comments']);

// Novalnet code ends
```

After adding the codes save the file.

☛ For modified-eCommerce version 2.0.3.0 rev 10907 and above.

add the following code after the searched line

```
// Novalnet code begins

if(in_array($order->info['payment_method'],array('novalnet_invoice','novalnet_prepayment'))){

    $order->info['comments'] .=
    NovalnetUtil::novalnetReferenceComments(serialize($payment_reference),$SESSION['novalnet'][$order->info['payment_method']]);

}

// Novalnet code ends
```

After adding the codes save the file.

Step 3: To display order comments with proper alignment in backend orders page follow the below mentioned readme changes in the file path.

Shop system version	File Path
1.06 & below	'<Root_Directory>/<admin_Directory>/orders.php'
above 1.06	'<Root_Directory>/<admin_Directory>/includes/modules/orders_listing.php'

Search the below line

```
if ($order->info['comments']<>'') {
```

and add the following code after the searched line

```
    // Novalnet code begins
    $order->info['comments'] = nl2br($order->info['comments']);
    // Novalnet code ends
```

After adding the codes save the file.

Step 4: Use this readme code to display order extension in backend orders page below version 2.0.0.0.

Search the below line

```
<!-- EOC ORDER BLOCK -->
```

and add the following code after the searched line

```
<?php include_once DIR_FS_ADMIN.'includes/extra/modules/orders/orders_info_blocks/novalnet.php' ?>
```

After adding the codes save the file.

🔑 Based on the mentioned shop system versions, the readme needs to be changed.

2 TESTING AND GOING LIVE

Execute test transactions by navigating to **Modules → Payment Methods** Choose the specific payment method (e.g. **Direct Debit SEPA**) and set the **Enable test mode** as **Yes** in payment configuration page. In the test mode the transaction amount will not be charged by Novalnet.

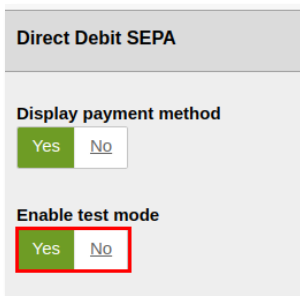


Figure 28

📘 Refer to the URL below for the Novalnet test payment data for testing
<https://developer.novalnet.com/testing/>

Execute orders in LIVE MODE

To proceed with **LIVE** orders, don't forget to disable test mode by clicking **No** in the **Enable test mode** option under individual payment configuration page.

📘 If you have any recommendations or suggestions for improvement? Kindly share your thoughts with us to develop our payment module further technic@novalnet.de or call us at +49 89 9230683-19.

3 ADDITIONAL CONFIGURATION

3.1 Additional configuration for all the payment methods

For additional payment configuration settings for each payment methods, navigate to **Modules → Payment Methods** in the shop admin, choose the respective payment methods and configure the required additional payment settings.

Notification for the buyer

Text entered in this field will be displayed on the payment check out page. The message can be for example: *Thank you for shopping with us.*

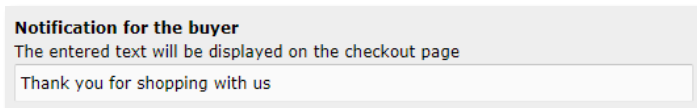


Figure 29

Refer to the image below to view how the notification appears to the buyer.

Figure 30

Minimum order amount

Enter the minimum order amount required to display the chosen payment method in your checkout page (for example Direct Debit SEPA). If the order is less than this amount, the chosen payment method will not be displayed in the checkout.

Figure 31

Define a sorting order

The payment methods will be listed on your checkout page (in ascending order) based on your given sorting order.

Figure 32

Payment zone

This payment method will be displayed for the mentioned zone (-s).

Figure 33

Payment Action (Debit immediately / Reserve funds for later)

☛ This option is available only for the following payment methods:

Credit/Debit Cards, Direct Debit SEPA, Direct Debit SEPA with payment guarantee, Invoice, Invoice with payment guarantee and PayPal.

You can choose between two options - **Capture** and **Authorize** which are both explained below.

- i Capture** - This is the default setting where transactions are directly confirmed, and funds are automatically transferred from buyer's account to the merchant account. This can be changed as per your business requirement.

Payment action
Choose whether or not the payment should be charged immediately. Capture completes the transaction by transferring the funds from buyer account to merchant account. Authorize verifies payment details and reserves funds to capture it later, giving time for the merchant to decide on the order

☒ capture ☐ authorize

Figure 34

- i Authorize** - Payment details are verified while the funds are reserved, which will be captured later. Please note for card payments, if you fail to execute a capture within 14 days the reservation on the card will automatically expire!

Payment action
Choose whether or not the payment should be charged immediately. Capture completes the transaction by transferring the funds from buyer account to merchant account. Authorize verifies payment details and reserves funds to capture it later, giving time for the merchant to decide on the order

☐ capture ☒ authorize

Figure 35

- i Minimum transaction amount for authorization** - Transactions from this amount will be "authorized" (reserved) only and captured later. Leave the field blank to authorize all transactions.

Minimum transaction limit for authorization
In case the order amount exceeds the mentioned limit, the transaction will be set on-hold till your confirmation of the transaction. You can leave the field empty if you wish to process all the transactions as on-hold.

Figure 36

Payment due date (in days)

Payment due date (in days) refers to the duration period (number of days) given for buyer to complete the payment. The payment process and duration period may differ for each payment method.

☛ This option is available only for the following payment methods:

Direct Debit SEPA, Direct Debit SEPA with payment guarantee, Invoice, Prepayment and Barzahlen/viacash.

- i** For **Direct Debit SEPA, Direct Debit SEPA with payment guarantee**, enter the number of days after which the payment is debited (between 3 and 14 days).

Payment due date (in days)
Number of days after which the payment is debited (must be between 3 and 14 days)

Figure 37

- i** For **Invoice**, enter the number of days given to the buyer to transfer the amount to Novalnet (must be greater than 7 days). If this field is left blank, 14 days will be set by default.

Payment due date (in days)
Number of days given to the buyer to transfer the amount to Novalnet (must be greater than 7 days). If this field is left blank, 14 days will be set as due date by default

Figure 38

- ❗ For **Prepayment**, enter the number of days given to the buyer to transfer the amount to Novalnet (must be between 7 and 28 days). If this field is left blank, 14 days will be set by default.

Transaction due date
Number of days given to the buyer to transfer the amount to Novalnet (must be between 7 and 28 days). If this field is left blank, 14 days will be set as due date by default.

Figure 39

- ❗ For **Barzahlen**, enter the number of days given to the buyer to pay at a store nearby. If this field is left blank, 14 days will be set by default for slip expiry.

Slip expiry date (in days)
Number of days given to the buyer to pay at a store. If this field is left blank, 14 days will be set as slip expiry date by default.

Figure 40

On-Hold Bookings

An on-hold booking keeps the order in wait mode until you confirm or reject it. To set the status for on-hold transactions, go to **Order status management for on-hold transactions** under **Modules → Payment Methods → Novalnet Global Configuration**. You can set the status for confirmed and canceled payments here.

Order status management for on-hold transactions

On-hold order status
Status to be used for on-hold orders until the transaction is confirmed or canceled
Pending (Default) ▼

Canceled order status
Status to be used when order is canceled or fully refunded
Canceled ▼

Figure 41

Completed order status

- ☛ This option is available for all payment methods.

Set the status that will be used for completed orders.

Completed order status
Status to be used for successful orders
Processing ▼

Figure 42

Callback order status

- ☛ This option is available only for the following payment methods:

Invoice, Prepayment and Barzahlen/viacash.

Set the status that will be applied for orders when callback script returns successful payment status.

Callback order status
Status to be used when callback script is executed for payment received by Novalnet
Shipped ▼

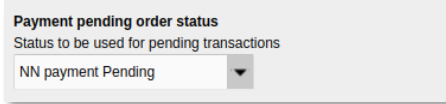
Figure 43

Payment pending order status

☛ This option is available only for the following payment methods:

PayPal, Przelewy24 and Guaranteed payments

For the above-mentioned payment types, the status for outstanding transactions is based on the status you set (Example: NN payment Pending).



Payment pending order status
Status to be used for pending transactions
NN payment Pending

Figure 44

Payment guarantee configuration

☛ This option is available only for the following payment methods:

Direct Debit SEPA with payment guarantee and Invoice with payment guarantee

When the basic requirements (shown in the image below) are met, Novalnet offers you the option to process payments as guarantee payments.

Basic requirements for payment guarantee

- **Allowed countries:** DE, AT, CH
- **Allowed currency:** EUR
- **Minimum amount of order** >= 9,99 EUR
- **Minimum age of end customer** >= 18 Years
- **The billing address must be the same as the shipping address**

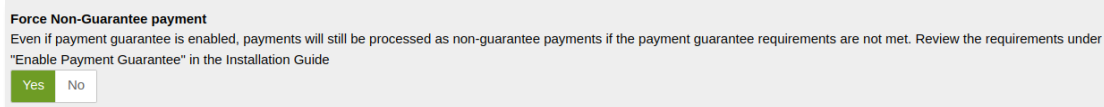
Figure 45

Force Non-Guarantee payment

☛ This option is available only for the following payment methods:

Direct Debit SEPA with payment guarantee and Invoice with payment guarantee

Enable this option to process payments as non-guarantee payments when the guarantee conditions are not met.



Force Non-Guarantee payment
Even if payment guarantee is enabled, payments will still be processed as non-guarantee payments if the payment guarantee requirements are not met. Review the requirements under "Enable Payment Guarantee" in the Installation Guide
☒ Yes ☐ No

Figure 46

Shopping type

☛ This option is available only for the following payment methods:

Credit/Debit Cards & Direct Debit SEPA

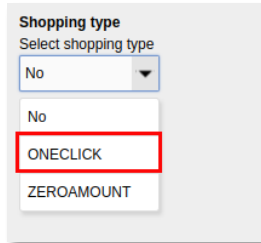
We have integrated shopping types with **One click shopping** and **Zero amount booking**. You can activate this under **Modules → Payment Methods** for the above mentioned payments in shop admin.

One click shopping

The **One click shopping** allows the registered customers to make an online payment with the use of the payment account details or card details of previous orders. Click to select **ONECLICK**. **No** will be set by default for Shopping type.

☛ This option is available only for the following payment methods:

Credit/Debit Cards, Direct Debit SEPA & Direct Debit SEPA with payment guarantee



Shopping type
Select shopping type

No

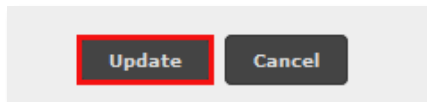
No

ONECLICK

ZEROAMOUNT

Figure 47

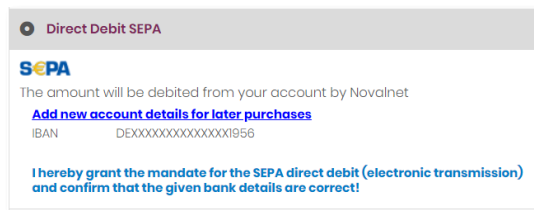
Click **Update** to save the changes for shopping type as shown below



Update **Cancel**

Figure 48

After a successful order, the payment type, for example: Direct Debit SEPA is automatically selected with reference to the previously specified payment data, the end customer can now do the payment with one click. If the buyer uses same payment method with a different bank data, then he must click the **Add new account details for later purchases** as shown below.



Direct Debit SEPA

SEPA

The amount will be debited from your account by Novalnet

[Add new account details for later purchases](#)

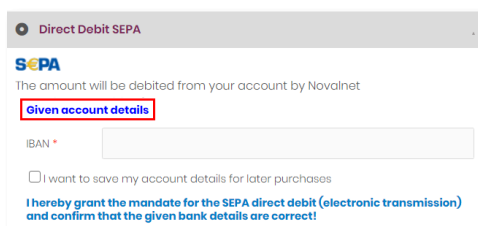
IBAN DEXXXXXXXXXXXX1956

I hereby grant the mandate for the SEPA direct debit (electronic transmission) and confirm that the given bank details are correct!

Figure 49

Given account details

By clicking the **Given account details** will display the account data of the buyer that has already been used and can be used again for making payments.



Direct Debit SEPA

SEPA

The amount will be debited from your account by Novalnet

Given account details

IBAN *

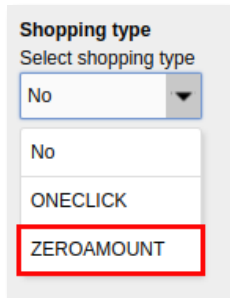
☐ I want to save my account details for later purchases

I hereby grant the mandate for the SEPA direct debit (electronic transmission) and confirm that the given bank details are correct!

Figure 50

Zero amount booking

If the purchase order is successful, a transaction with the value 0 is executed. This gives you the advantage that you can deduct the amount in advance from the buyer (Example: if certain goods must be manufactured or not in stock). Click to select **ZEROAMOUNT**.



Shopping type
Select shopping type

No

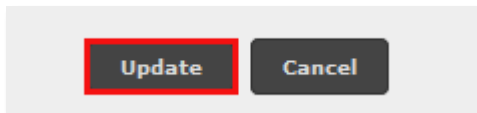
No

ONECLICK

ZEROAMOUNT

Figure 51

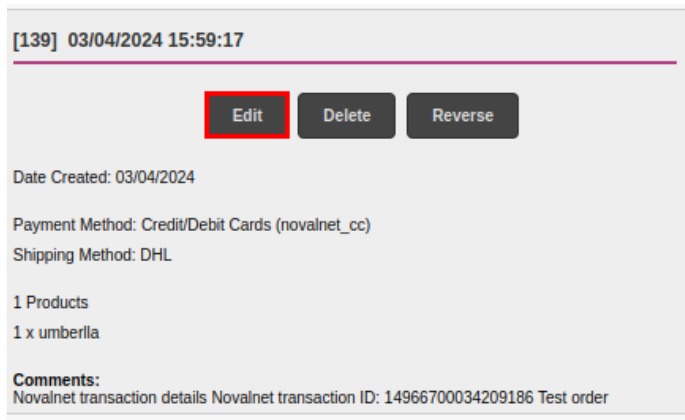
Click on **Update** to update / save the changes made.



Update **Cancel**

Figure 52

To set an amount for each transaction with the amount 0, navigate to **Customers → orders** and select the order you want. Then click on **Edit** button.



[139] 03/04/2024 15:59:17

Edit **Delete** **Reverse**

Date Created: 03/04/2024

Payment Method: Credit/Debit Cards (novalnet_cc)

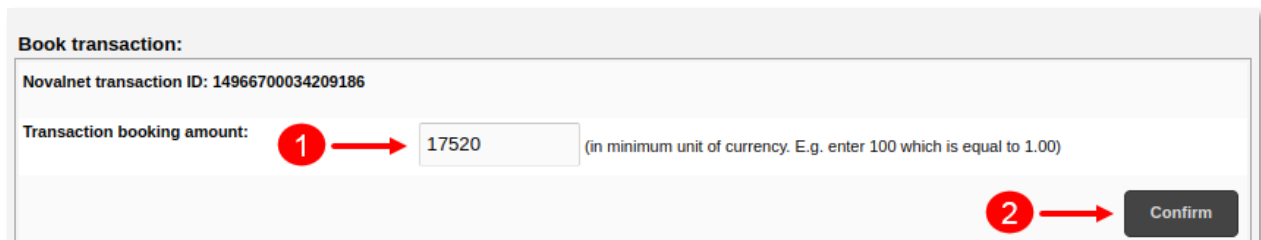
Shipping Method: DHL

1 Products
1 x umberlla

Comments:
Novalnet transaction details Novalnet transaction ID: 14966700034209186 Test order

Figure 53

In the **Book transaction**, enter the desired amount for the €0 transaction (17520 = €175.20 in the smallest currency unit). Click **Confirm** and the amount will be debited with a generation of a new TID.



Book transaction:

Novalnet transaction ID: 14966700034209186

Transaction booking amount: **1** → 17520 (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)

2 → **Confirm**

Figure 54

Once the booking process is completed, the updated amount will be displayed in the **Comments** section as shown below.

Order History:

Date Added	Customer Notified	Status	Comments	Comment is sent
16/12/2024 15:55:43	✓	Processing	Novalnet transaction details Novalnet transaction ID: 149667000034209186 Test order This order processed as a zero amount booking	✓
16/12/2024 15:56:20	✓	Processing	Novalnet transaction details Novalnet transaction ID: 14070400070804772 Test order Your order has been booked with the amount of 175,20 EUR. Your new TID for the booked amount:14070400070804772	✓

Figure 55

3.2 Additional configuration for Credit/Debit Cards

Enforce 3D secure payment outside EU

By enabling this option, all payments from cards issued outside the EU will be authenticated via 3DS 2.0 SCA.

Enforce 3D secure payment outside EU
By enabling this option, all payments from cards issued outside the EU will be authenticated via 3DS 2.0 SCA.

☒ Yes ☐ No

Figure 56

Enable inline form

By enabling this option, the Credit/Debit Cards payment on the checkout page will load in an inline form.

Enable inline form

☒ Yes ☐ No

Figure 57

Custom CSS settings

If you wish to change the default design of the Novalnet Credit/Debit Cards form (for example to use your corporate identity), you can do it here. Leave this field unchanged to use the default settings.

CSS settings for Credit Card iframe

Label

Input

CSS Text

```
body{color: #555;font-family: Verdana,Arial,sans-serif;font-size:12px;line-height: 1.5;}.input-group input {height:38px !important;}.label-group{width:152px !important;float:unset !important;}.row{float:unset !important;}
```

Figure 58

4 MANAGING MODIFIED E-COMMERCE ADMIN PANEL

4.1 Order Management

Manage your orders and view their details under **Customers** → **Orders** as shown below.



Figure 59

4.2 Transaction Overview

Click the **Edit** for the particular order number to review the overview of the Novalnet transaction details for that order.

Orders							
Customers		Status: All Orders	Payment Method: All	Customer status: All			
Customers	Order ID	Shipping to	Order Total	Date Purchased	Payment Method	Status	Action
Test Ag	140	Germany	174.20 EUR	03/04/2024 16:09:38	Credit/Debit Cards	Processing	
Test Ag	139	China	175.20 EUR	03/04/2024 15:59:17	Credit/Debit Cards	Processing	
Test Ag	138	China	196.20 EUR	03/04/2024 15:54:38	Credit/Debit Cards	Shipped	
Test Ag	137	China	175.20 EUR	02/04/2024 18:33:10	Credit/Debit Cards	Shipped	
Test Ag	136	China	174.20 EUR	02/04/2024 18:27:37	Invoice	Shipped	
Test Ag	135	China	174.20 EUR	02/04/2024 18:26:52	Invoice	Cancelled	
Test Ag	134	China	174.20 EUR	02/04/2024 18:24:41	Invoice	Processing	

[140] 03/04/2024 16:09:38

Edit **Delete** **Reverse**

Date Created: 03/04/2024

Payment Method: Credit/Debit Cards (novalnet_cc)

Shipping Method: DHL

1 Products

1 x Dresses

Comments:
Novalnet transaction details Novalnet transaction ID: 14966700034704249 Test order

Figure 60

Now, you can review the transaction order details of the selected order.

Order History:				
Date Added	Customer Notified	Status	Comments	Comment is sent
03/04/2024 16:09:38		Processing	Novalnet transaction details Novalnet transaction ID: 14966700034704249 Test order	

Figure 61

4.3 Confirming / Cancelling a transaction

To confirm or cancel an on-hold payment, go to **Customers** → **Orders** in the shop admin to view the order details. Then click **Edit** button.

[141] 03/04/2024 16:15:46

Edit **Delete** **Reverse**

Date Created: 03/04/2024

Payment Method: Credit/Debit Cards (novalnet_cc)

Shipping Method: DHL

1 Products

1 x Dresses

Comments:
Novalnet transaction details Novalnet transaction ID: 14966700035001733 Test order

Figure 62

You can now use the drop-down list to **confirm** / **cancel** the order under **Please select status** field of the **Manage Transaction process**. Then click **Update** to save the changes.

Manage transaction process:

Novalnet transaction ID: 14966700035001733

Please select status

--Select--
--Select--
Confirm
Cancel

Figure 63 – Confirm process

Manage transaction process:

Novalnet transaction ID: 14966700035312904

Please select status

--Select--
--Select--
Confirm
Cancel

Figure 64 – Cancel process

After you have confirmed / cancelled an order, the new transaction status will be shown under the **Comments** section as shown below. Refer to the chapter [4.2 Transaction Overview](#) for more details about the Order Comments.

Order History:

Date Added	Customer Notified	Status	Comments	Comment is sent
03/04/2024 16:15:46	✓	Pending	Novalnet transaction details Novalnet transaction ID: 14966700035001733 Test order	✓
03/04/2024 16:22:01	✓	Processing	The transaction has been confirmed on 03/04/2024, 12:52:01	✓

Figure 65 - Comments after the confirmation process

Order History:

Date Added	Customer Notified	Status	Comments	Comment is sent
03/04/2024 16:23:43	✓	Pending	Novalnet transaction details Novalnet transaction ID: 14966700035312904 Test order	✓
03/04/2024 16:24:34	✓	Canceled	The transaction has been canceled on 03/04/2024, 12:54:34	✓

Figure 66 - Comments after the cancelation process

4.4 Refunding an order

Select the order and then click **Edit** to proceed further.

[143] 03/04/2024 16:28:05

Edit **Delete** **Reverse**

Date Created: 03/04/2024

Payment Method: Credit/Debit Cards (novalnet_cc)

Shipping Method: DHL

1 Products

1 x umbrella

Comments:
Novalnet transaction details Novalnet transaction ID: 14966700035526236 Test order

Figure 67

You can refund the buyer either the Full or Partial order amount. Refund can be initiated by navigating to **Customer** → **Orders**. Select the order and enter the required refund amount (in minimum unit of currency. E.g. 100 which is equal to 1.00) in the corresponding field. Click **Confirm** as shown below.

Refund process:

Novalnet transaction ID: 14966700035526236

Please enter the refund amount **1** → 17520 (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)

Refund reference

2 → **Confirm**

Figure 68

Once the full or partial order amount has been successfully refunded, the order status will get changed. At this point, a new transaction (TID) will be generated. You will see the new transaction status under **Comments** section of the order. Refer to the chapter [4.2 Transaction Overview](#) for more details about the Order Comments.

Refund reference

🔑 Note down the **Refund reference** number for your future reference (only for existing transactions).

Refund process:

Novalnet transaction ID: 14966700035526236

Please enter the refund amount 17520 (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)

Refund reference **1** →

2 → **Confirm**

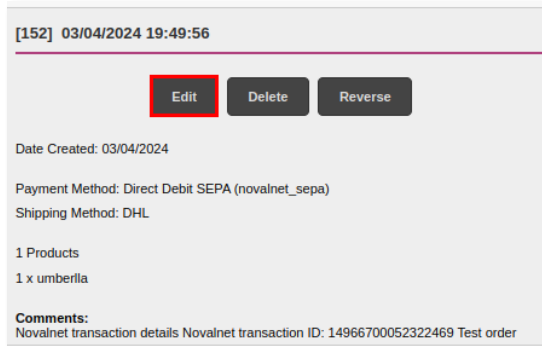
Figure 69

4.5 Changing the order amount

☛ You can change the order amount for the following payment methods:

Direct Debit SEPA, Invoice, Prepayment and Barzahlen/viacash.

Under **Customers** → **Orders** select the order that you wish to update and click **Edit** as shown below.



[152] 03/04/2024 19:49:56

Edit **Delete** **Reverse**

Date Created: 03/04/2024

Payment Method: Direct Debit SEPA (novalnet_sepa)

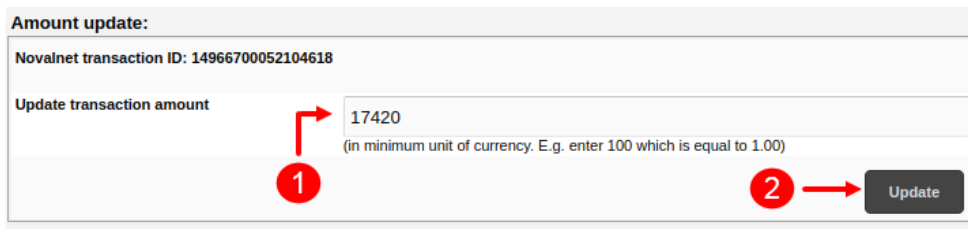
Shipping Method: DHL

1 Products
1 x umberlla

Comments:
Novalnet transaction details Novalnet transaction ID: 14966700052322469 Test order

Figure 70

Enter the new order amount (in minimum unit of currency. E.g. 100 which is equal to 1.00) and click **Update** to save the changes as shown below.



Amount update:

Novalnet transaction ID: 14966700052104618

Update transaction amount

17420
(in minimum unit of currency. E.g. enter 100 which is equal to 1.00)

1 **2** **Update**

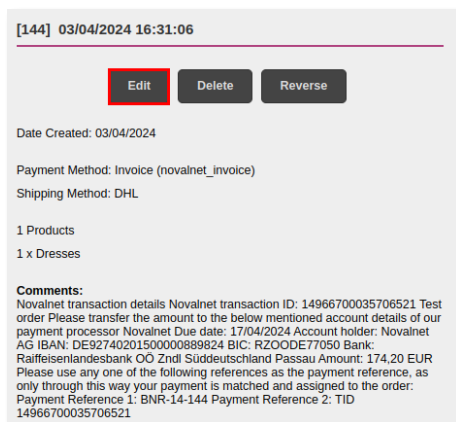
Figure 71

Once the order amount has been changed, you will see the new order status under **Comments** section of the order. Refer to the chapter [4.2 Transaction Overview](#) for more details about the Order Comments.

Due date update

☛ You can change the order due date for the following payment methods: **Invoice** and **Prepayment**

Under **Customers** → **Orders** select the order that you wish to update the due date and click **Edit** as shown below.



[144] 03/04/2024 16:31:06

Edit **Delete** **Reverse**

Date Created: 03/04/2024

Payment Method: Invoice (novalnet_invoice)

Shipping Method: DHL

1 Products
1 x Dresses

Comments:
Novalnet transaction details Novalnet transaction ID: 14966700035706521 Test order Please transfer the amount to the below mentioned account details of our payment processor Novalnet Due date: 17/04/2024 Account holder: Novalnet AG IBAN: DE92740201500000889824 BIC: RZOODE33050 Bank: Raiffeisenlandesbank OÖ Zndl Süddeutschland Passau Amount: 174.20 EUR 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-14-144 Payment Reference 2: TID 14966700035706521

Figure 72

Enter the new due date in **Transaction due date** field and click **Update** to save the changes as shown below.

Figure 73

Once the due date has been changed, you will see the new order status under **Comments** section of the order. Refer to the chapter [4.2 Transaction Overview](#) for more details about the Order Comments.

Expiry date update (Barzahlen/viacash)

You can change the slip expiry date for **Barzahlen/viacash** payment.

Under **Customers** → **Orders** select the order that you wish to update the slip expiry date and click **Edit** as shown below.

Figure 74

Enter the new date in **slip expiry date** field and click **Update** to save the changes as shown below.

Figure 75

Once the slip expiry date has been changed, you will see the new order status under **Comments** section of the order. Refer to the chapter [4.2 Transaction Overview](#) for more details about the Order Comments.

5 UNINSTALLATION

To uninstall the Novalnet Payment module, please follow the steps below.

Step 1: Navigate to **Modules** → **Payment Methods** as shown below.

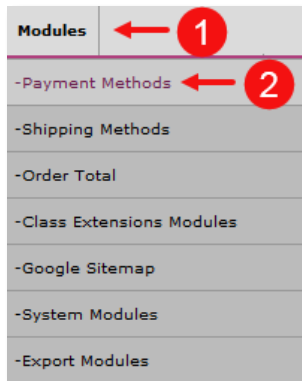


Figure 76

Step 2: The list of payment modules will be displayed as shown below.













Modules installed				
Modules	Module name (for internal usage)	Sort Order	Status	Action
Prepayment	novalnet_prepayment	0	✓	
Credit Card	novalnet_cc	0	✓	
Instant Bank Transfer	novalnet_sofortbank	0	✓	
Invoice	novalnet_invoice	0	✓	
PayPal	novalnet_pp	0	✓	
Przelewy24	novalnet_przelewy24	0	✓	
Barzahlen/viacash	novalnet_barzahlen	0	✓	
Direct Debit SEPA	novalnet_sepa	0	✓	
giropay	novalnet_giropay	0	✓	
Novalnet Global Configuration	novalnet_config	0	✓	
iDEAL	novalnet_ideal	0	✓	
eps	novalnet_eps	0	✓	

Figure 77

Step 3: Select Novalnet Global Configuration and click **Uninstall**.

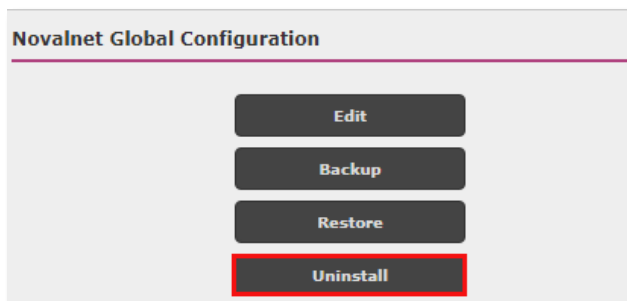


Figure 78

➡ Follow the same procedure to uninstall the remaining Novalnet payment methods.

6 TECHNICAL SUPPORT THROUGH NOVALNET

For any questions or further enquiries please contact one of the following departments as per your requirement. Our in-house experts are ready to assist you in case of queries or issues.

For **installation assistance** contact technic@novalnet.de or call +49 89 9230683-19.

For a **merchant account, new payment module or additional payment methods**, please contact sales@novalnet.de or call +49 89 9230683-20.

If you have any recommendations or suggestions for improvement? Kindly share your thoughts with us to develop our payment module further technic@novalnet.de or call us at +49 89 9230683-19.

For our License details see for [Freeware License Agreement](#).