

## Novalnet payment plugin for **Shopware**

### Installation guide

Version 11.1.1.10

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## Changelog

| Version | Description & changes  | Date       |
|---------|--|------------|
| 11.1.10 | <p><b>[New]</b> Abocommerce subscription process adapted</p> <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> <p><b>[Compatible]</b> Compatibility has been checked for PHP 7 version</p>  | 19.09.2018 |
| 11.1.9  | <p><b>[New]</b> Custom checkout overlay for Barzahlen</p> <p><b>[New]</b> Force 3D secure process has been implemented as per predefined filters and settings in the Novalnet admin portal</p> <p><b>[Fixed]</b> Restricted critical mail triggering from the callback script for direct payment's rejected transaction</p> <p><b>[Fixed]</b> Order confirmation mail sending to the shop owner</p> <p><b>[Fixed]</b> Error message display for direct payment methods in the shop system</p> <p><b>[Enhanced]</b> Due date update notification in the shop, on activation of transaction for Invoice, Invoice with payment guarantee and Prepayment</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> Optimized IP condition check for remote address</p> | 25.01.2018 |
| 11.1.8  | <p><b>[Enhanced]</b> Optimized vendor script validation for handling communication failure transaction</p>   | 05.01.2018 |
| 11.1.7  | <p><b>[Enhanced]</b> Creation of order as default before executing payment call in the shop system (for all redirect payment methods: online bank transfers, Credit Card-3D secure and wallet systems), to avoid the missing orders on completion of payment on non-return of end user due to end user closed the browser or time out at payment, etc.!</p>  | 01.12.2017 |
| 11.1.6  | <p><b>[Enhanced]</b> Dynamic IP control applied through domain instead of static IP in vendor script. Actual IP of Novalnet will be extracted in real time from the domain</p>   | 21.11.2017 |
| 11.1.5  | <p><b>[New]</b> Implemented Barzahlen payment method</p> <p><b>[Enhanced]</b> Optimized vendor script validation</p> <p><b>[Removed]</b> Enable debug mode configuration in Merchant script management</p>   | 04.10.2017 |
| 11.1.4  | <p><b>[Fixed]</b> Invoice reference parameter added for Guarantee Invoice</p> <p><b>[Fixed]</b> Tariff ID configuration issue for Subshops</p> <p><b>[Enhanced]</b> Date of birth field updated as per the shop structure</p> <p><b>[Enhanced]</b> Merchant Administration Portal link has been updated in shop admin</p> <p><b>[Removed]</b> Refund with account details from shop admin</p>  | 10.08.2017 |
| 11.1.3  | <p><b>[Fix]</b> Rectified missing input data issue for redirection payments</p>  | 22.06.2017 |
| 11.1.2  | <p><b>[Compatible]</b> Tested upto Shopware version 5.2.24</p>   | 19.05.2017 |
| 11.1.1  | <p><b>[New]</b> Implemented Zero amount booking for Credit Card and Direct Debit SEPA</p> <p><b>[Enhanced]</b> Updated payment logo for Credit Card and Invoice payment</p> <p><b>[Enhanced]</b> Added new parameter in all API calls</p> <p><b>[Enhanced]</b> Novalnet updates information added in the plugin description</p> <p><b>[Compatible]</b> Tested upto Shopware version 5.2.21</p>   | 21.04.2017 |
| 11.1.0  | <ul style="list-style-type: none"> <li>- Credit Card iframe updated.</li> <li>- One click shopping for Credit Card and PayPal implemented.</li> <li>- Edit option in Credit Card and PayPal for registered customers implemented.</li> <li>- Zero amount booking for PayPal implemented.</li> <li>- On-hold transactions for PayPal implemented.</li> <li>- New payment method "Przelewy24" added.</li> </ul>  | 17.02.2017 |
| 11.0.0  | <ul style="list-style-type: none"> <li>- Auto configuration of vendor credentials.</li> <li>- One click shopping for Direct Debit SEPA.</li> <li>- Iframe and hosted page implementation for Credit Card.</li> <li>- Implemented Direct Debit SEPA with payment guarantee, Invoice with payment guarantee and giropay payments.</li> <li>- Edit option in Direct Debit SEPA for registered customers.</li> <li>- Responsive templates has been implemented.</li> <li>- New booking with payment reference.</li> </ul>  | 25.04.2016 |

|        |  |            |
|--------|--|------------|
| 10.1.3 | <ul style="list-style-type: none"> <li>- Przelewy24 payment implemented.</li> <li>- Compatibility has been checked upto shopware version 5.2.9.</li> <li>- Novalnet payment module has been optimized as per new testcase.</li> </ul>  | 04.11.2016 |
| 10.1.2 | <ul style="list-style-type: none"> <li>- Compatibility has been checked upto shopware version 5.2.6.</li> <li>- Novalnet payment module has been optimized as per new testcase.</li> </ul>   | 30.08.2016 |
| 10.1.1 | <ul style="list-style-type: none"> <li>- Compatibility has been checked upto shopware version 5.2.3.</li> <li>- Novalnet payment module has been optimized as per new testcase.</li> </ul>   | 29.07.2016 |
| 10.1.0 | <ul style="list-style-type: none"> <li>- Credit Card Iframe implemented.</li> <li>- Compatibility has been checked for the latest shopware version 5.1.6</li> </ul>  | 23.06.2016 |
| 10.0.2 | <ul style="list-style-type: none"> <li>- giropay payment has been implemented.</li> <li>- Novalnet payment modules has been optimized as per new testcase.</li> <li>- Compatibility has been checked for the latest shopware version 5.1.3.</li> </ul>   | 16.02.2016 |
| 10.0.1 | <ul style="list-style-type: none"> <li>- Direct Debit SEPA overlay and Credit Card type removed</li> <li>- Notify URL configuration in shop backend</li> <li>- Logo control has been implemented in global configuration</li> <li>- Compatibility has been checked for shopware version 4.1.4-5.1.1</li> </ul> | 18.11.2015 |
| 10.0.0 | <ul style="list-style-type: none"> <li>- New release</li> </ul>  | 03.09.2015 |

## About this document

This document relates to Novalnet payment plugin for **Shopware** and contains important information about installing and using the payment plugin. At the same time, this document serves as performance and functional specification for features in the payment plugin.

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## Freeware-License agreement

### Preamble

The following agreement governs the rights and responsibilities between you (the "Partner") and the Novalnet AG ("Novalnet") in relation to the cost-free software solutions Service and Support provided by Novalnet, by connecting your e-commerce systems to the payment platform of Novalnet. Services, which Novalnet offers in accordance with a service contract to its partners, are not affected explicitly by this agreement. From this particular agreement, is not explicitly affected the services Novalnet under the contract between the parties to the service contract partners are providing. By installing and using the software, you automatically confirm that you have read this freeware license agreement and agree with it. If you do not agree to these conditions, as a partner, please do not install and use the software.

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### Guarantee and Liability

The Payment modules will be explicitly made available "as they are defined". For the correct functioning of the payment modules and / or parts of the payment modules, Novalnet does not provide guarantee. Similarly Novalnet assumes no liability for damages and / or consequential damages, directly or indirectly which can be associated with the use of Novalnet cost-free payment modules, unless the damage is intentional or through gross negligence. Not part of this disclaimer agreement, is damage caused from injury to life or health.

### 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.

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## 1. General

Novalnet is a leading payment institution offering online gateways for processing of online payments. Novalnet provides online merchants user-friendly payment modules for all major shop systems as well as for self-programmed websites. The product and service portfolio is very comprehensive and includes all commonly used payment methods of online payment. These include a variety of intelligent fraud prevention modules, free technical support, an automated accounts receivable management system, a comprehensive subscription and membership management, as well as a very useful affiliate program. The experienced and international team of specialists at Novalnet is committed to support online merchants with in-depth knowledge and to work together with them hand in hand to increase their revenue and the quality of their online payment.

This is accredited by the BaFin as a payment institution. Novalnet meets all the requirements set down by this supervisory authority and thus officially offers its merchants, in all areas, a fully legally compliant service. This provides the best protection against fraud and swindle for merchants and their customers. This official accreditation as a payment institution is a seal of approval which should be a must for every online merchant searching for a payment service provider.

Novalnet can be found on the official list of BaFin approved payment institution. For further information, please refer to <https://www.novalnet.com>

### **About the Shopware shop system**

Shopware is an award winning shopping cart software that allows you to create a professional online shop swiftly and easily. Its extensive features as well as analytic tools, a revolutionary service and the integrated search engine optimization make Shopware one of the leading e-commerce applications today.






To test the demo shop, use the following link <https://shopware.novalnet.de>

## 2. Functional specification






### 2.1 Supported payment methods

This plugin supports, processing the following payment methods via Novalnet platform.







#### Credit Cards

|                  |   |
|------------------|---|
| Visa             |    |
| MasterCard       |    |
| American Express |    |
| CartaSi          |    |
| Maestro          |  |

#### Online Transfer

|                                   |   |
|-----------------------------------|---|
| iDEAL                             |  |
| Instant Bank Transfer             |  |
| eps (Electronic Payment Standard) |  |
| giropay                           |  |
| Przelewy24                        |  |

## Account-based payment methods

|  |   |
|--|---|
| Direct Debit SEPA                        |  |
| Direct Debit SEPA payment with guarantee |  |
| Invoice payment with guarantee           |  |
| Invoice                                  |  |
| Prepayment                               |  |
| Barzahlen                                |  |

## Wallet system

|        |   |
|--------|---|
| PayPal |  |
|--------|---|

## 2.2 Risk and control management

### 2.2.1 Fraud modules

Novalnet payment module supports the following risk management services

- Double booking blockade
- Blacklist
- Email validation
- Luhn check
- Basic address check
- Credit Card bin check
- PIN by Callback
- PIN by SMS

In order to use the aforementioned risk management services, the shop operator is required to enable the **Fraud modules** in Novalnet platform.

For processing Credit Card payment, the plausibility and validity of the Credit Card numbers using the Luhn check (Credit Card check) is employed independent of the functionality of the fraud modules.

## 2.3 Integration to the checkout and types of connectivity (interfaces)

Novalnet payment module seamlessly adapts the existing checkout process of the Shopware shop system. Communication and data transfer are performed in the background between the module and the server API of the Novalnet platform. For payments by Credit Card, data is transferred to Novalnet platform via client API during the checkout process for checking and secure storage of Credit Card details at Novalnet.

The status of the completed transactions is sent to Shopware shop system by Novalnet platform, which is processed by the module to synchronize an order in the shop system.

## 2.4 Payment Card Industry Data Security Standard (PCI DSS)

The Payment Card Industry Data Security Standard (PCI DSS) is a set of rules, regulations or standards for payments, which refers to processing of Credit card transactions and it is supported by all major Credit card companies.

When using the Novalnet payment module for Shopware, you, as a merchant, are not required to pass certification according to the Payment Card Industry Data Security Standard (PCI DSS).

The AJAX technology used for the client API of the Novalnet platform ensure that the Shopware shop is never in direct contact with any sensitive Credit card details, because the consumer transfers directly from client's browser to the Novalnet platform. During the checkout process, the consumer will not be redirected to other pages (except for 3-D secure).

For more information on the Payment Card Industry Data Security Standard, please refer to <https://www.novalnet.com/pci-dss-certification>

## 3. Download and installation

### 3.1 Compatibility and requirements

#### Shopware shop

- Version: 4.1.4 – 5.5.1

#### Novalnet

- Novalnet merchant account
- Novalnet payment plugin for Shopware

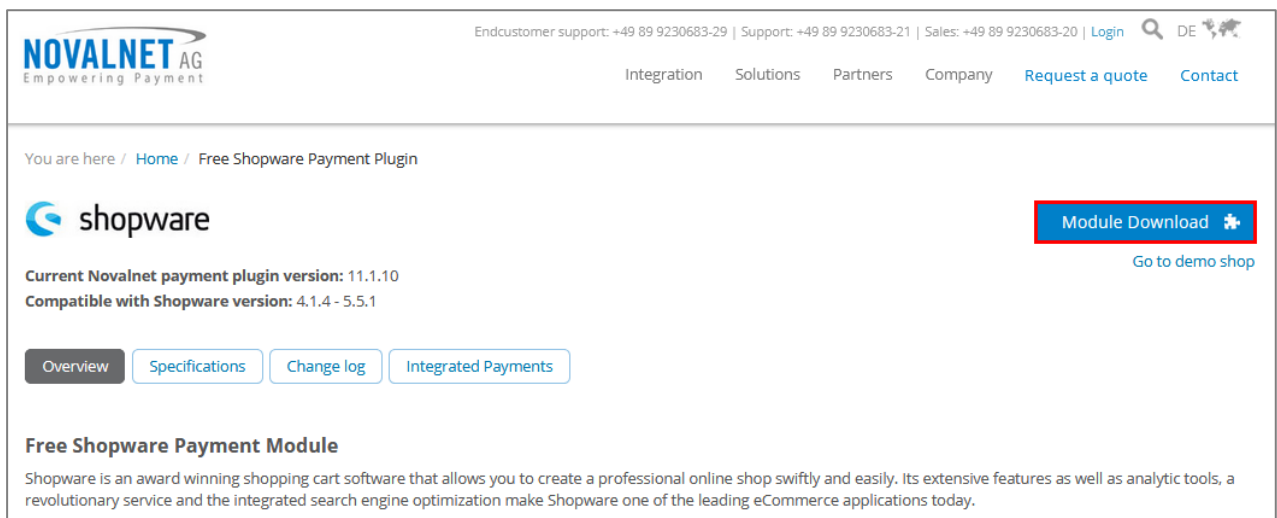
If you do not already have a Novalnet merchant account, please contact us at [sales@novalnet.de](mailto:sales@novalnet.de). Based upon the request, we can provide you with a test account.

### 3.2 Steps for installation

#### 3.2.1 Download

Go to the Novalnet website by using the below link and click on the **Module Download** as shown below.

Link: <https://www.novalnet.com/modul/shopware-payment-module>



The screenshot shows the Novalnet website interface. At the top, there is a navigation bar with the Novalnet logo and contact information. Below the navigation bar, the breadcrumb trail reads "You are here / Home / Free Shopware Payment Plugin". The main content area features the Shopware logo and a "Module Download" button highlighted with a red box. Below the logo, there is text indicating the current Novalnet payment plugin version (11.1.10) and compatibility with Shopware versions (4.1.4 - 5.5.1). There are also buttons for "Overview", "Specifications", "Change log", and "Integrated Payments". At the bottom, there is a section titled "Free Shopware Payment Module" with a brief description of Shopware.

Fig: 3.2.1 (a)

Once you have successfully filled the required fields, click on the **SUBMIT NOW** button. After submitting the payment enquiry request form, the Novalnet support team will contact you to proceed further.

You are here / [Home](#) / [payment-enquiry-request](#)

Company

Deutschland ▼ Street. Number Place City

Salutation ▼ First Name Last Name \*

E-mail \*

Telephone \*

Website \*

Message

Fields marked (\*) are mandatory

**SUBMIT NOW**

Fig: 3.2.1 (b)

**Note:**

Kindly, do all the necessary steps mentioned in the readme file [shopware\\_novalnet\\_readme.txt](#).

### 3.2.2 Plugin installation

Select the **Plugin Manager** from the **Configuration** menu as shown below.

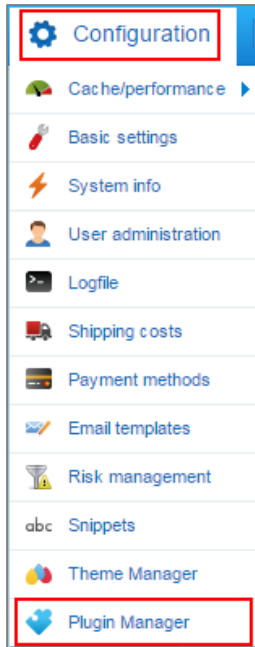


Fig: 3.2.2 (a)

Choose the **Installed** link under **Plugin Manager** panel and click on the **Upload plugin** button.

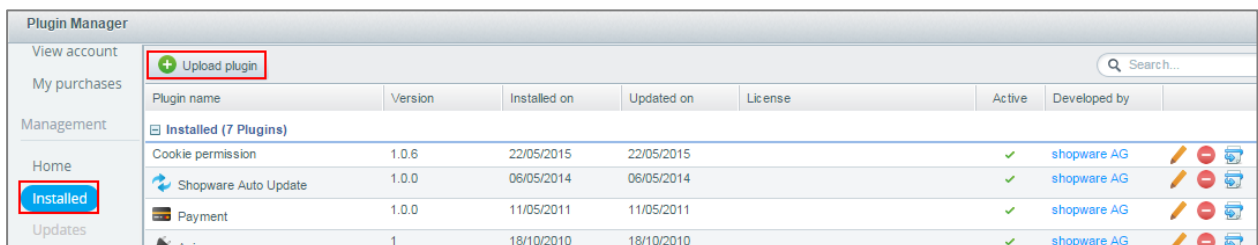


Fig: 3.2.2 (b)

Click on the **Select** button and browse the **NovalPayment.zip** file, then click on the **Upload plugin** button to upload the Novalnet payment plugin.

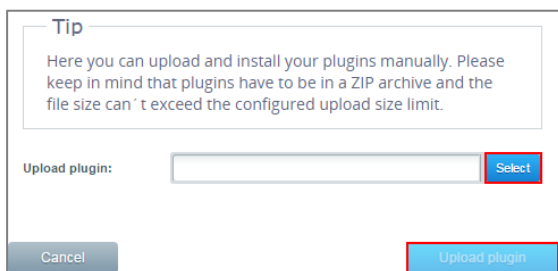




Fig: 3.2.2 (c)

Click on the  (**refresh button**) to refresh the plugin panel and press the  (**Install/Uninstall**) icon to install the **Novalnet Payment** plugin.





| Plugin name  | Version | Installed on | Updated on | License | Active | Developed by |   |
|--|---------|--------------|------------|---------|--------|--------------|---|
| Uninstalled (12 Plugins)   |         |              |            |         |        |              |   |
|  Novalnet Payment | 11.1.10 |              | 21/02/2018 |         |        | NOVALNET     |    |

Fig: 3.2.2 (d)

Click on the **Activate** button to activate the Novalnet payment plugin.

Version: 11.1.10

Rating: ★★★★★ (0)

**Activate**

Reinstall

Uninstall

Fig: 3.2.2 (e)



## 4. Configuration

### 4.1 Global setting configuration

Select **Configuration** → **Basic settings** → **Payment methods** → **Novalnet Payment** menu as mentioned below.

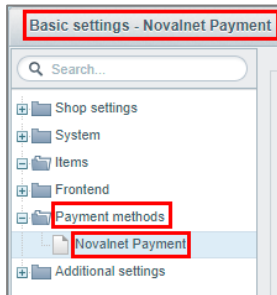


Fig: 4.1 (a)

#### Product activation key

To configure the merchant details, enter the given activation key in the **Product activation key** field.

Once the activation key is entered in the **Product activation key** field, the basic configuration details will be filled automatically.

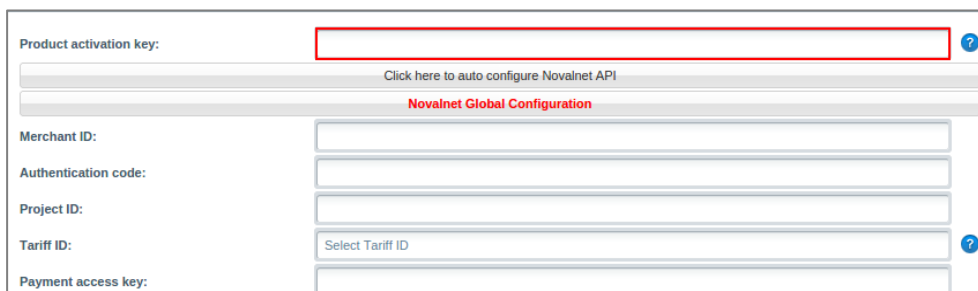


Fig: 4.1 (b)

#### Tariff ID

Tariff ID can be configured, based on the merchant's requirement.

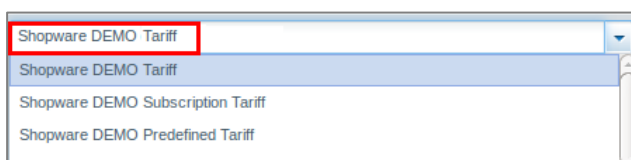


Fig: 4.1 (c)

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



Fig: 4.1 (d)

The merchant can configure the Novalnet Global Configuration for the sub shops. Based on the shop configuration, it will reflect in the webshop.



**Fig: 4.1 (e)**

| Field   | Description  |
|---|--|
| Product activation key                          | Novalnet provides a activation key when a merchant opens an account at Novalnet , and once the value is entered in "Product activation key" field, all basic parameters (merchant id, authcode, project id, tariff id, payment access key) will be filled automatically. |
| Merchant ID                                     | Merchant identification number is provided by Novalnet after opening a merchant account at Novalnet. Please contact Novalnet at <a href="mailto:sales@novalnet.de">sales@novalnet.de</a> for getting your own merchant account.  |
| Authentication code                             | Merchant authentication code is provided by Novalnet after opening a merchant account at Novalnet.   |
| Project ID                                      | Project identification number is an unique ID of merchant project. The merchant can create N number of projects through Novalnet merchant administration.  |
| Tariff ID                                       | Tariff identification number is an unique ID for each merchant project. The merchant can create N number of tariffs through Novalnet merchant administration.  |
| Payment access key                              | This is the secure public key for encryption and decryption of transaction parameters. This is mandatory value for all online transfers, wallet systems.   |
| Referrer ID                                     | Referrer ID of the person/company who recommended you Novalnet.  |
| Proxy server                                    | IP address of your proxy server along with the port number in the following format IP Address : Port Number (if applicable).   |
| Gateway timeout (in seconds)                    | In case the order processing time exceeds the gateway timeout, the order will not be placed.   |
| Enable E-mail notification for test transaction | If true, the merchant will receive email notifications about every test order in the web shop.   |
| Display payment method logo                     | Payment method logo will be displayed on the checkout page.  |

**Table 4.1**

## 4.2 Payment methods

### 4.2.1 Activate payment

Select **Payment methods** from **Configuration** menu.

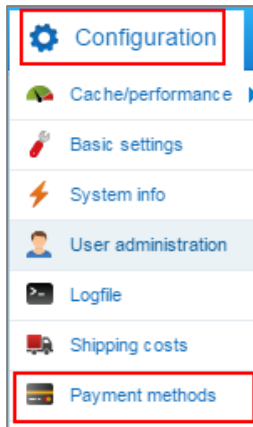


Fig: 4.2.1 (a)

Select the required payment method in the left side of the admin panel and click on the **Active** checkbox to activate the respective payment method under the **General** tab.

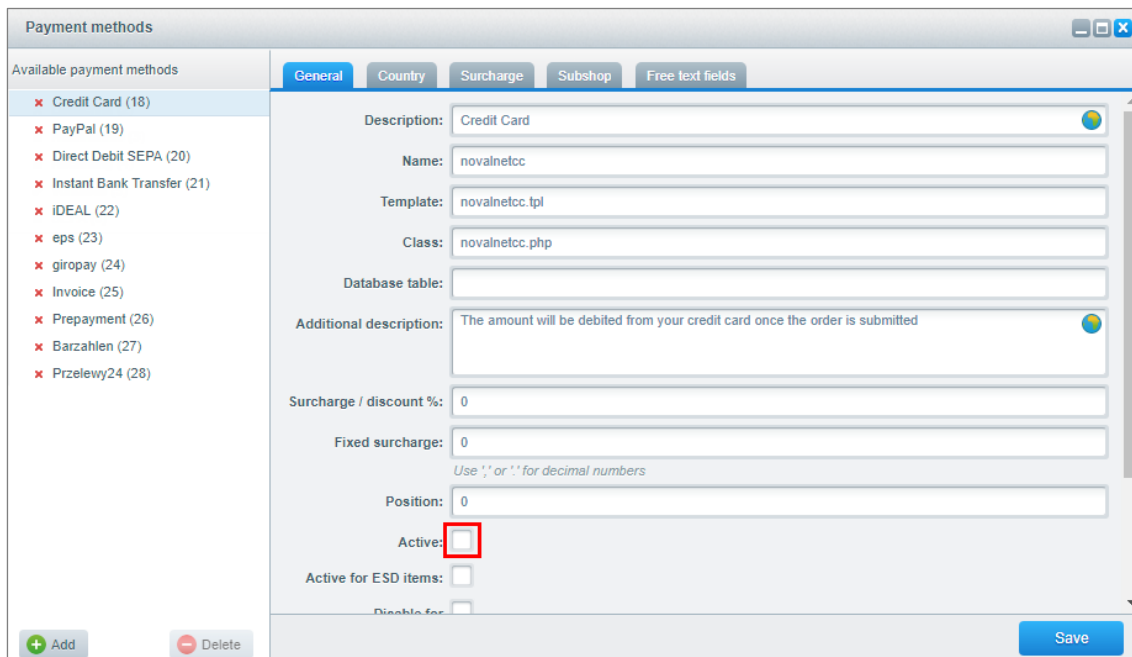


Fig: 4.2.1 (b)

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



Fig: 4.2.1 (c)

**Note:** Kindly, follow the instructions in the topic **4.2.1** to activate the remaining Novalnet payment methods.

| 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. |
| Notification for the buyer                        | Text entered in this field will be displayed on the checkout page.   |
| Transaction reference 1 / Transaction reference 2 | Reference will appear in your bank account statement.  |

**Table 4.2.1**

## 4.3 Payment methods specific settings

### 4.3.1 Credit Card

| Field  | Description   |
|--|---|
| Enable 3D secure   | On activating 3D-Secure, the issuing bank prompts the buyer for a password. This helps in preventing a fraudulent payment. It can be used by the issuing bank as evidence that the buyer is indeed the card holder. This is intended to help decrease a risk of charge-back.  |
| Force 3D secure on predefined conditions   | <p>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 &amp; settings)" module configuration at the Novalnet admin portal. If the predefined filters &amp; 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.</p> <p>Please note that the "Enforced 3D secure (as per predefined filters &amp; settings)" module should be configured at Novalnet admin portal prior to the activation here.</p> <p>For further information, please refer the description of this fraud module at "Fraud Modules" tab, below "Projects" menu, under the selected project in Novalnet admin portal or contact Novalnet support team.</p> |
| Shopping type  | Based on the selection of shopping type, the payment will proceed with one click shopping or zero amount booking.   |
| Form appearance  | <p>Based on the given input, the form will display in the checkout page. Merchant can customize the form style, based on the needs.</p> <p>In general, the form will display with the shop's default CSS settings.</p>  |
| Set a limit for on-hold transaction (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.  |
| Display AMEX logo  | <p>Merchant can activate/deactivate AMEX card acceptance by using this option. The merchant should have an AMEX business case before activating this option.</p> <p>If it is activated, AMEX logo will appear on the checkout page.</p>   |
| Display Maestro logo   | <p>Merchant can activate/deactivate Maestro card acceptance by using this option. The merchant should have an Maestro business case before activating this option.</p> <p>If it is activated, Maestro logo will appear on the checkout page.</p>  |

|                      |  |
|----------------------|--|
| Display CartaSi logo | Merchant can activate/deactivate CartaSi card acceptance by using this option. The merchant should have an CartaSi business case before activating this option. If it is activated, CartaSi logo will appear on the checkout page. |
|----------------------|--|

**Table 4.3.1**

### 4.3.2 Direct Debit SEPA

| Field  | Description   |
|--|---|
| SEPA payment duration (in days)  | Number of days after which the payment should be processed (must be greater than 6 days).   |
| Shopping type  | Based on the selection of shopping type, the payment will proceed with one click shopping or zero amount booking.   |
| Enable auto-fill for payment data  | For the registered users SEPA direct debit details will be filled automatically in the payment form.  |
| Enable auto-fill   | Payment details will be filled automatically in the payment form during the checkout process.   |
| Set a limit for on-hold transaction (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.  |
| Enable payment guarantee   | Direct Debit SEPA with payment guarantee should be activated on Novalnet admin portal, before you activate this option here.<br><br>Basic requirements for payment guarantee: Allowed countries: AT, DE, CH. Allowed currency: EUR. Minimum amount of order >= 20,00 EUR. Maximum amount of order <= 5.000,00 EUR. Minimum age of end customer >= 18 Years. The billing address must be the same as the shipping address. Gift certificates/vouchers are not allowed. |
| Minimum order amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)                | This setting will override the default setting made in the minimum order amount. Note: Minimum amount should be greater than or equal to 20,00 EUR.   |
| Force Non-Guarantee payment  | If the payment guarantee is activated (True), but the payment guarantee requirements are not met, the payment will be processed as non-guarantee payment.   |

**Table 4.3.2**

### 4.3.3 Invoice

| Field  | Description   |
|--|---|
| Payment due date (in days)   | Number of days to transfer the payment amount to Novalnet (must be greater than 7 days). In case if the field is empty, 14 days will be set as due date by default.   |
| Payment Reference 1 (Novalnet Invoice Reference)   | It will display Novalnet invoice reference details in order comments.   |
| Payment Reference 2 (TID)  | It will display Novalnet transaction id (TID) in order comments.  |
| Payment Reference 3 (Order No)   | It will display order number in order comments.   |
| Set a limit for on-hold transaction (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.  |
| Enable payment guarantee   | Invoice with payment guarantee should be activated on Novalnet admin portal, before you activate this option here.<br><br>Basic requirements for payment guarantee: Allowed countries: AT, DE, CH. Allowed currency: EUR. Minimum amount of order >= 20,00 EUR. Maximum amount of order <= 5.000,00 EUR. Minimum age of end customer >= 18 Years. The billing address must be the same as the shipping address. Gift certificates/vouchers are not allowed. |
| Minimum order amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)                | This setting will override the default setting made in the minimum order amount.<br>Note: Minimum amount should be greater than or equal to 20,00 EUR.  |
| Force Non-Guarantee payment  | If the payment guarantee is activated (True), but the payment guarantee requirements are not met, the payment will be processed as non-guarantee payment.   |

**Table 4.3.3**

### 4.3.4 Prepayment

| Field  | Description   |
|--|---|
| Payment Reference 1 (Novalnet Invoice Reference) | It will display Novalnet invoice reference details in order comments. |
| Payment Reference 2 (TID)                        | It will display Novalnet transaction id (TID) in order comments.      |
| Payment Reference 3 (Order No)                   | It will display order number in order comments.                       |

**Table 4.3.4**

### 4.3.5 PayPal

| Field  | Description  |
|--|--|
| Shopping type  | Based on the selection of shopping type, the payment will proceed with one click shopping or zero amount booking.  |
| Set a limit for on-hold transaction (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. In order to use this option you must have billing agreement option enabled in your PayPal account. Please contact your account manager at PayPal. |

**Table 4.3.5**

### 4.3.6 Barzahlen

| Field                      | Description  |
|----------------------------|--|
| Slip expiry date (in days) | Enter the number of days to pay the amount at store near you. If the field is empty, 14 days will be set as due date by default. |

**Table 4.3.6**

## 4.4 Fraud modules configuration

We have integrated the fraud modules (PIN by callback and PIN by SMS) for the below mentioned payment methods.

- Direct Debit SEPA
- Invoice

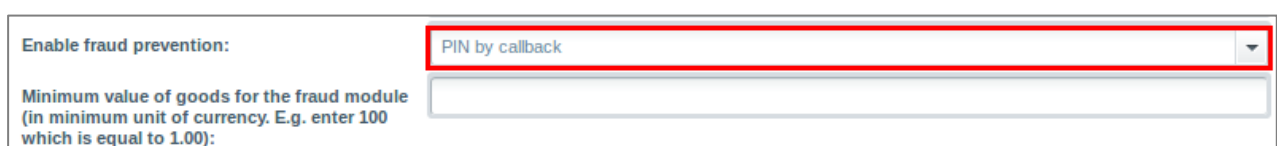
This service is only available for the customers from DE, AT and CH.

Kindly, configure the **Minimum value of goods for the fraud module (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)** to control the respective fraud modules to be displayed in the web shop.

#### PIN by callback

In a first step of the PIN by callback system, the customer has to enter his telephone number and soon after the customer enters his/her telephone number, the customer will be called back on his/her given telephone number. Now, the 4 digit pin will be provided to the customer via phone call. The customer must enter this 4 digit pin on the merchant's page, to authorize himself/herself to process the order. Through this method, the customer can be identified in real time and the fraud intentions can be blocked at the initial stage. As this check is quite effective and cheap, it is recommended by Novalnet for all merchants in the e-commerce field.

Select the fraud prevention (**PIN by callback**) in the **Enable fraud prevention** option.



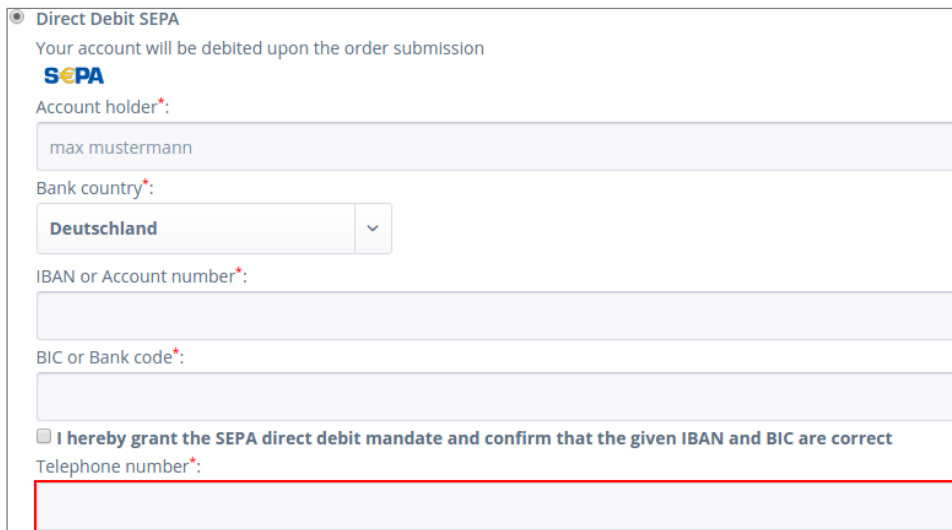
**Fig: 4.4 (a)**

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



**Fig: 4.4 (b)**

Once it has been enabled, it will display the **Telephone number** field along with the Direct Debit SEPA form as mentioned below in the web shop.



**Direct Debit SEPA**  
Your account will be debited upon the order submission

**SEPA**

Account holder\*:  
max mustermann

Bank country\*:  
Deutschland

IBAN or Account number\*:  
[Empty field]

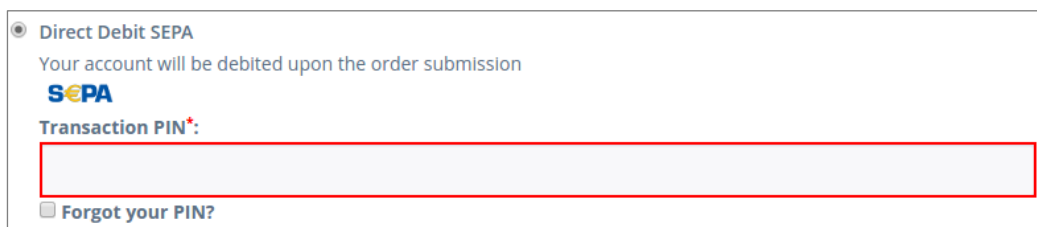
BIC or Bank code\*:  
[Empty field]

I hereby grant the SEPA direct debit mandate and confirm that the given IBAN and BIC are correct

Telephone number\*:  
[Empty field]

**Fig: 4.4 (c)**

Fill all the mandatory fields and proceed further. Later you will receive a PIN via phone call to the given number. Enter the valid PIN number in **Transaction PIN** field to success the order.



**Direct Debit SEPA**  
Your account will be debited upon the order submission

**SEPA**

Transaction PIN\*:  
[Empty field]

Forgot your PIN?

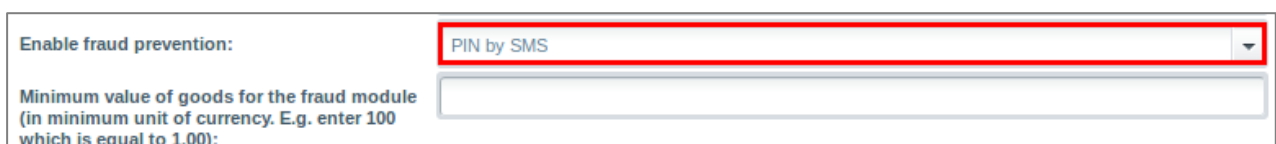
**Fig: 4.4 (d)**

If you forgot the given PIN, select the **Forgot your PIN?** check box to get the new PIN to success the same.

### PIN by SMS

In this process, the customer receives a PIN via SMS on his/her mobile phone which he/she has to enter on the merchant's web page, before the order is authorized.

Select the fraud prevention (**PIN by SMS**) in the **Enable fraud prevention** option.



**Enable fraud prevention:** PIN by SMS

Minimum value of goods for the fraud module (in minimum unit of currency. E.g. enter 100 which is equal to 1.00):  
[Empty field]

**Fig: 4.4 (e)**

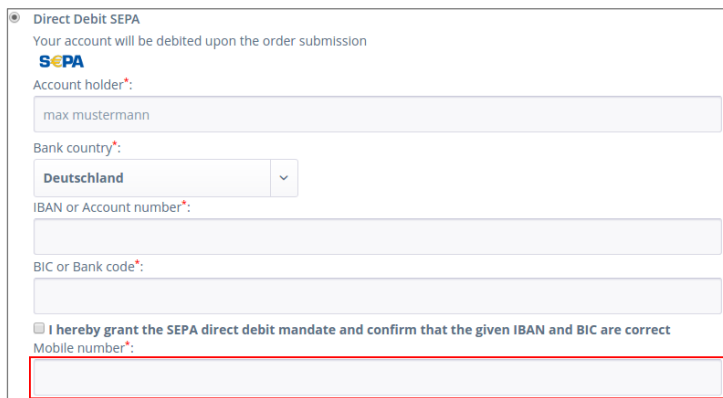


Click on the **Save** button to update/save the changes made.



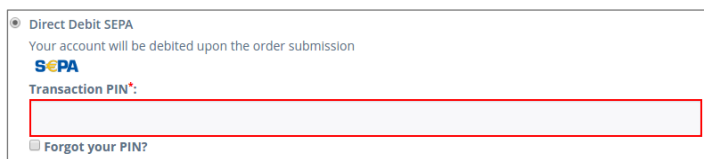
**Fig: 4.4 (f)**

Once it has been enabled, it will display the **Mobile number** field along with the Direct Debit SEPA form as mentioned below in the web shop.



**Fig: 4.4 (g)**

Fill all the mandatory fields and proceed further. Later you will receive a PIN via phone call to the given number. Enter the valid PIN number in **Transaction PIN** field to success the order



**Fig: 4.4 (h)**

If you forgot the given PIN, select the **Forgot your PIN?** check box to get the new PIN to success the same.

| Field  | Description  |
|--|--|
| Minimum value of goods for the fraud module (in minimum unit of currency. E.g. enter 100 which is equal to 1.00) | Enter the minimum value of goods from which the payment method is displayed to the customer during checkout. |
| Telephone number   | Enter the valid telephone number to get the PIN via callback to success an order.                            |
| Mobile number  | Enter the valid mobile number to get the PIN via SMS to success the order.                                   |
| Transaction PIN  | Enter the valid PIN to success the order.  |

**Table 4.4**

**Note:** To process fraud prevention features successfully, kindly configure your server IP address on Novalnet administration portal.

## 4.5 Merchant script configuration in administration portal

The merchant script is necessary for keeping your database/system actual and it synchronizes with the Novalnet transaction status. Your system will be notified through Novalnet system (asynchronous) about each transaction and its status.

Follow the below mentioned step to update the merchant script URL in Novalnet administration portal for merchant script execution.

After logging into Novalnet administration portal (<https://admin.novalnet.de>), please navigate to **PROJECTS** menu, and then select an appropriate project by clicking on it.



Fig: 4.5 (a)

Select the **Project Overview**, as mentioned below



Fig: 4.5 (b)

To configure the same, click on the **Edit Project Overview** link in the right top corner. Then, you can configure **Vendor script URL** as shown below.



Fig: 4.5 (c)

## 4.6 PayPal API configuration in administration portal

Follow the below mentioned steps to update the PayPal API configuration in Novalnet administration portal for processing wallet payment.

After logging into Novalnet administration portal (<https://admin.novalnet.de>), please navigate to **PROJECTS** menu, and then select an appropriate project by clicking on it.



Fig: 4.6 (a)

Select the **Payment Methods**, as shown below.



Fig: 4.6 (b)

Click on **Configure** link near PayPal as shown below.



Fig: 4.6 (c)

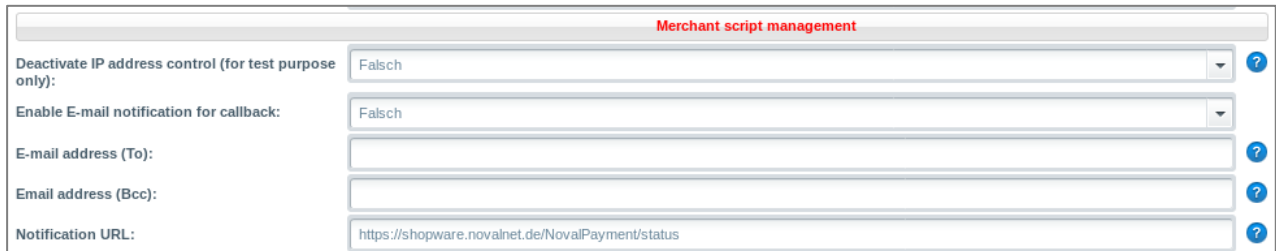
Configure the API details in the appropriate fields and click **Update** button as shown below.

A form titled 'Paypal Configuration' with a red 'X' in the top right corner. It contains three input fields: 'API User Name\*', 'API Password\*', and 'API Signature\*'. Below the fields is a red-bordered button labeled 'Update'.

Fig: 4.6 (d)

## 4.7 Configuring merchant script E-mail settings

To receive email from merchant script, you need to configure the below mentioned parameters in the **Merchant script management**.



The screenshot shows a web interface titled "Merchant script management". It contains several configuration fields:

- Deactivate IP address control (for test purpose only):** A dropdown menu set to "Falsch".
- Enable E-mail notification for callback:** A dropdown menu set to "Falsch".
- E-mail address (To):** An empty text input field.
- Email address (Bcc):** An empty text input field.
- Notification URL:** A text input field containing the URL "https://shopware.novalnet.de/NovalPayment/status".

**Fig: 4.7 (a)**

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



**Fig: 4.7 (b)**

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

**Table 4.7**

## 4.8 Miscellaneous

### 4.8.1 Payment status management

To set the payment status, goto **Configuration** → **Basic settings** → **Payment methods** → **Novalnet Payment** and select the required payment

Once the order has been placed successfully, the **Payment completion status** of the respective payment will be set as payment status.



Payment completion status: Completely invoiced

Fig: 4.8.1 (a)


For **Invoice**, **Prepayment** and **Barzahlen** payment methods, when an end customer transfer the amount to Novalnet then the callback script will be triggered and the payment status will be changed to **Callback payment status**.



Callback payment status: Completely paid

Fig: 4.8.1 (b)

For **PayPal**, **Przelewy24**, **Invoice**, **Prepayment**, **Barzahlen** and **Guaranteed** and when the transaction is pending, the payment status will be set to **Payment status for the pending payment**.

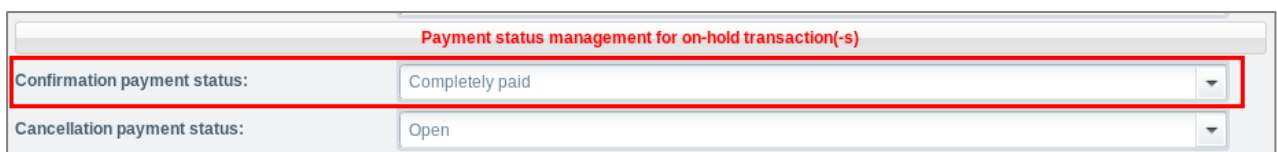


Payment status for the pending payment: Open

Fig: 4.8.1 (c)

To set the **Confirmation payment status** / **Cancellation payment status**, kindly go to **Payment status management for on-hold transaction(-s)**

Once the transaction got confirmed, the **Confirmation payment status** will be set as payment status.



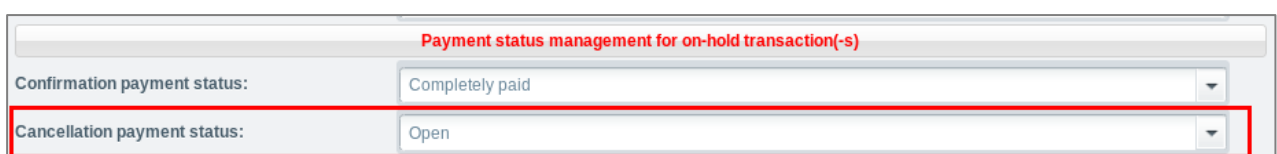
Payment status management for on-hold transaction(-s)

Confirmation payment status: Completely paid

Cancellation payment status: Open

Fig: 4.8.1 (d)

Once the order got cancelled (or) fully refunded, the payment status will be changed to **Cancellation payment status**.



Payment status management for on-hold transaction(-s)

Confirmation payment status: Completely paid

Cancellation payment status: Open

Fig: 4.8.1 (e)

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

**Table 4.8.1**

## 5. Orders

To view the Novalnet orders in back end, click on the **Orders** under **Customers** menu.

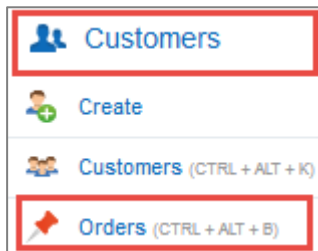


Fig: 5

### 5.1 Order overview

Click on  icon to view the respective order details.













| <input type="checkbox"/> | Order time/date | Order num: | Amount | Transacti | Payment   | Shipping | Shop    | Customer  | E-Mail           | Current order status | Current payment sta |  |
|--------------------------|-----------------|------------|--------|-----------|-----------|----------|---------|-----------|------------------|----------------------|---------------------|--|
| <input type="checkbox"/> | 03/01/2018 ...  | 20194      | 11.90  | 13699...  | IDEAL     | Stand... | Shop... | Test user | test@novalnet.de | Open                 | Completely paid     |       |
| <input type="checkbox"/> | 03/01/2018 ...  | 20195      | 11.90  | 13699...  | IDEAL     | Stand... | Shop... | Test user | test@novalnet.de | Open                 | Completely paid     |       |
| <input type="checkbox"/> | 03/01/2018 ...  | 20196      | 11.90  | 13699...  | Credit... | Stand... | Shop... | Test user | test@novalnet.de | Open                 | Open                |       |
| <input type="checkbox"/> | 03/01/2018 ...  | 20197      | 11.90  | 13699...  | Credit... | Stand... | Shop... | Test user | test@novalnet.de | Open                 | Completely paid     |    |

Fig: 5.1

### 5.2 Order details

Now, you can review the transaction details in the **Customer comment** block under **Communication** tab.

Communication with the customer

*These comment boxes are for external communication. Text entered in these fields will be visible to the customer.*

**Customer comment:**

Novalnet transaction details  
Credit Card  
Novalnet transaction ID: 13699500003424308  
Test order

Fig: 5.2

**Important note:** For Credit Card-3D secure, online transfers and wallet systems, if the transaction is failed / rejected, then the respective payment status will be set to **The process has been cancelled** and the stock will be restored back in the shop.

## 6. Extension process

### 6.1 Confirm/Cancel transaction process

Select the particular order and then click on the **Manage Transaction** tab to confirm/cancel the payment transaction.

The screenshot shows a web interface with a navigation bar containing tabs: Overview, Details, Communication, Positions, Documents, Status history, and Manage Transaction. The 'Manage Transaction' tab is active. Below the navigation bar, there is a section titled 'Manage Transaction process' with the instruction 'Please select status'. A dropdown menu is currently set to 'Select', and an 'Update' button is located below it.

Fig: 6.1 (a)

Choose the **Confirm/Cancel** option from the drop down list and click on the **Update** button to confirm/cancel the payment transaction of the respective order.

This screenshot shows the 'Manage Transaction process' section where the dropdown menu now displays 'Confirm'. The 'Update' button remains visible below the dropdown.

Fig: 6.1 (b) – Confirm process

This screenshot shows the 'Manage Transaction process' section where the dropdown menu now displays 'Cancel'. The 'Update' button remains visible below the dropdown.

Fig: 6.1 (c) – Cancel process

Once, the transaction got confirmed/canceled, refer the transaction details in the **Customer comment** block under **Communication** tab and the payment status will be changed accordingly.

The screenshot shows the 'Communication with the customer' section. It includes a note: 'These comment boxes are for external communication. Text entered in these fields will be visible to the customer.' Below this, there is a 'Customer comment' field containing the following text: 'Novalnet transaction details', 'Direct Debit SEPA', 'Novalnet transaction ID: 13699500011101318', and 'Test order'. At the bottom of the comment field, a red-bordered box highlights the message: 'The transaction has been confirmed on 03 Jan 2018 14:23:22'.

Fig: 6.1 (d) – Comments after the confirmation process



Communication with the customer

*These comment boxes are for external communication. Text entered in these fields will be visible to the customer.*

**Customer comment:**

Novalnet transaction details  
Direct Debit SEPA  
Novalnet transaction ID: 13699500011213397  
Test order

The transaction has been canceled on 03 Jan 2018 14:29:10

Fig: 6.1 (e) – Comments after the cancellation process

## 6.2 Refund transaction process

Select the particular order, then click on the **Refund** tab to proceed further. Enter the valid amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00) in the appropriate box, and click on the **Update** button to refund the specified amount.

Overview Details Communication Positions Documents Status history **Refund**

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

800

Update

Fig: 6.2 (a) – Refund process

Once the refund process has been completed successfully, the transaction details will be displayed in the **Customer comment** block under **Communication** tab of the particular order.

Communication with the customer

*These comment boxes are for external communication. Text entered in these fields will be visible to the customer.*

**Customer comment:**

Novalnet transaction details  
Direct Debit SEPA  
Novalnet transaction ID: 13495700003008054  
Test order

The refund has been executed for the TID: 13495700003008054 with the amount of 8,00 EUR

Fig: 6.2 (b) – Comments after the refund process

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

## Refund reference

For existing transactions, **Refund reference** field will be available. Enter the respective reason or information and click on the **Update** button.

Overview Details Communication Positions Documents Status history Refund

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

500

Refund reference

Update

Fig: 6.2 (c)

## 6.3 Amount update process

Select the particular order, then click on the **Amount update** tab to change the order amount of the payment transaction. Enter the valid amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00) in the appropriate box, and click on the **Update** button.

Order details: 20021

Overview Details Communication Positions Documents Status history Manage Transaction Amount update

Amount update

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

900

Update

Fig: 6.3 (a)

The updated amount will be displayed in the **Customer comment** block under the **Communication** tab as mentioned below.

Communication with the customer

These comment boxes are for external communication. Text entered in these fields will be visible to the customer.

Customer comment:

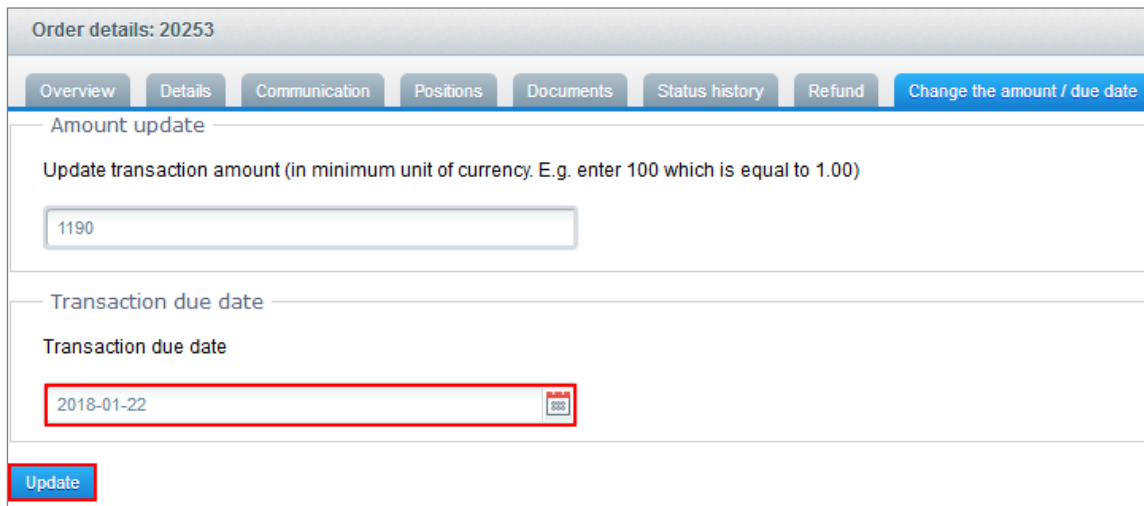
Novalnet transaction details  
Direct Debit SEPA  
Novalnet transaction ID: 13699500011213397  
Test order

The transaction amount 9.00 EUR has been updated successfully on 03 Jan 2018 14:27:09

Fig: 6.3 (b)

## 6.4 Due date change process

Select the particular order, then click on the **Change the amount / due date** tab to update the due date. Then change the due date in **Transaction due date** field and click on the **Update** button to change the transaction due date.



**Order details: 20253**

Overview Details Communication Positions Documents Status history Refund **Change the amount / due date**

**Amount update**

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

1190

**Transaction due date**

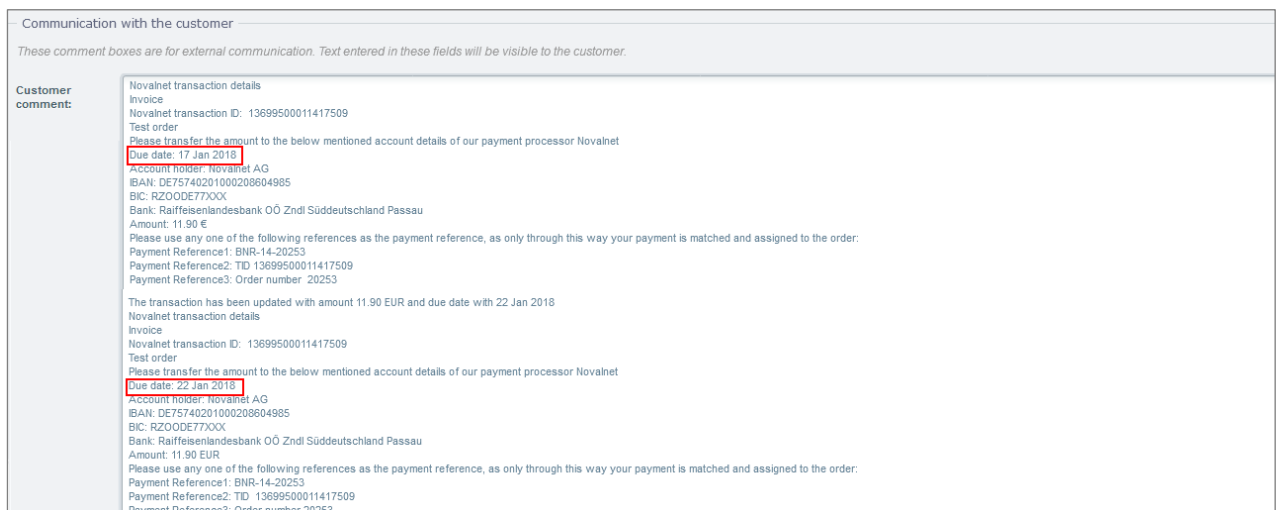
Transaction due date

2018-01-22

Update

Fig: 6.4 (a)

The updated due date will be displayed in the **Customer comment** block under the **Communication** tab as mentioned below.



Communication with the customer

These comment boxes are for external communication. Text entered in these fields will be visible to the customer.

**Customer comment:**

Novalnet transaction details  
Invoice  
Novalnet transaction ID: 13699500011417509  
Test order  
Please transfer the amount to the below mentioned account details of our payment processor Novalnet  
Due date: 17 Jan 2018  
Account holder: Novalnet AG  
IBAN: DE75740201000208604985  
BIC: RZOODE77XXX  
Bank: Raiffeisenlandesbank OÖ Zndl Süddeutschland Passau  
Amount: 11.90 €  
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 Reference1: BNR-14-20253  
Payment Reference2: TD 13699500011417509  
Payment Reference3: Order number 20253

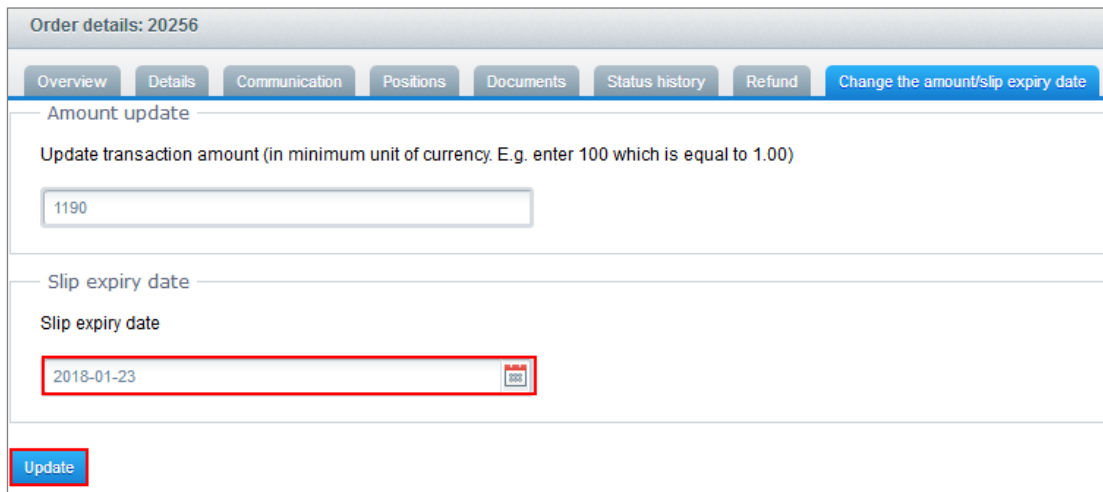
The transaction has been updated with amount 11.90 EUR and due date with 22 Jan 2018

Novalnet transaction details  
Invoice  
Novalnet transaction ID: 13699500011417509  
Test order  
Please transfer the amount to the below mentioned account details of our payment processor Novalnet  
Due date: 22 Jan 2018  
Account holder: Novalnet AG  
IBAN: DE75740201000208604985  
BIC: RZOODE77XXX  
Bank: Raiffeisenlandesbank OÖ Zndl Süddeutschland Passau  
Amount: 11.90 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 Reference1: BNR-14-20253  
Payment Reference2: TD 13699500011417509  
Payment Reference3: Order number 20253

Fig: 6.4 (b)

## 6.5 Expiry date change process

Select the particular order, then click on the **Change the amount/slip expiry date** tab to update the slip expiry date. Then change the slip expiry date in **Slip expiry date** field and click on the **Update** button to change the slip expiry date.



Order details: 20256

Overview Details Communication Positions Documents Status history Refund **Change the amount/slip expiry date**

Amount update

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

1190

Slip expiry date

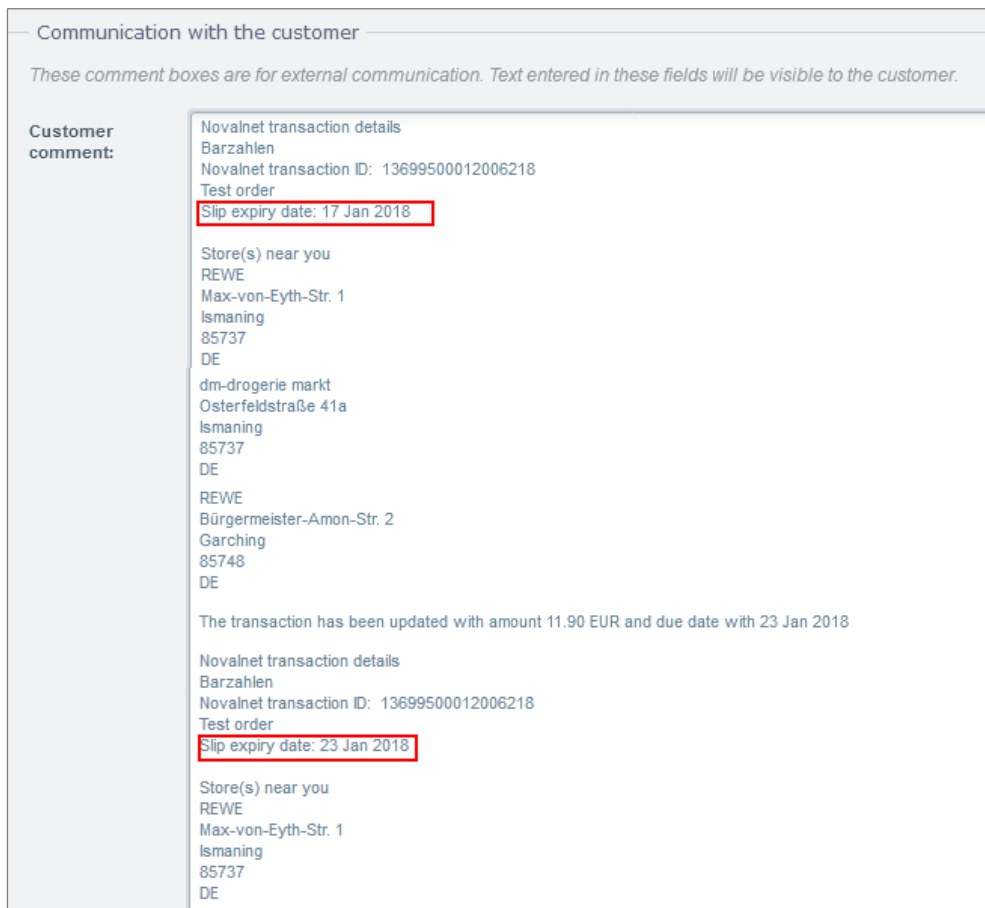
Slip expiry date

2018-01-23

Update

Fig: 6.5 (a)

The updated slip expiry date will be displayed in the **Customer comment** block under the **Communication** tab as mentioned below.



Communication with the customer

These comment boxes are for external communication. Text entered in these fields will be visible to the customer.

**Customer comment:**

Novalnet transaction details  
Barzahlen  
Novalnet transaction ID: 13699500012006218  
Test order  
**Slip expiry date: 17 Jan 2018**

Store(s) near you  
REWE  
Max-von-Eyth-Str. 1  
Ismaning  
85737  
DE

dm-drogerie markt  
Osterfeldstraße 41a  
Ismaning  
85737  
DE

REWE  
Bürgermeister-Amon-Str. 2  
Garching  
85748  
DE

The transaction has been updated with amount 11.90 EUR and due date with 23 Jan 2018

Novalnet transaction details  
Barzahlen  
Novalnet transaction ID: 13699500012006218  
Test order  
**Slip expiry date: 23 Jan 2018**

Store(s) near you  
REWE  
Max-von-Eyth-Str. 1  
Ismaning  
85737  
DE

Fig: 6.5 (b)

## 7. Payment Reference

Payment Reference is only for Invoice and Prepayment payment methods. To configure the payment references, kindly go to **Configuration** → **Basic settings** → **Payment methods** → **Novalnet Payment** and choose the required payment method.

Select at least one of the payment references, so that your payment is matched and assigned to the respective order.

|  |      |
|--|------|
| <b>Payment Reference 1 (Novalnet Invoice Reference):</b> | True |
| <b>Payment Reference 2 (TID):</b>                        | True |
| <b>Payment Reference 3 (Order No):</b>                   | True |

Fig: 7 (a)

Selected **Payment Reference** will be displayed in the **Customer comment** block under the **Communication** tab.

Communication with the customer

*These comment boxes are for external communication. Text entered in these fields will be visible to the customer.*

|                          |   |
|--------------------------|---|
| <b>Customer comment:</b> | <p>Novalnet transaction details</p> <p>Invoice</p> <p>Novalnet transaction ID: 13699500011417509</p> <p>Test order</p> <p>Please transfer the amount to the below mentioned account details of our payment processor Novalnet</p> <p>Due date: 17 Jan 2018</p> <p>Account holder: Novalnet AG</p> <p>IBAN: DE75740201000208604985</p> <p>BIC: RZOODE77XXX</p> <p>Bank: Raiffeisenlandesbank OÖ Zndl Süddeutschland Passau</p> <p>Amount: 11.90 €</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:</p> <p>Payment Reference1: BNR-14-20253</p> <p>Payment Reference2: TID 13699500011417509</p> <p>Payment Reference3: Order number 20253</p> |
|--------------------------|---|

Fig: 7 (b)

## 8. Shopping type

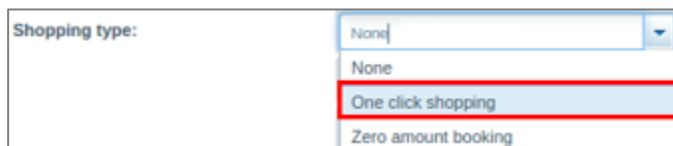
We have integrated the shopping type (**One click shopping** and **Zero amount booking**) for the below mentioned payment methods.

- Credit Card
- Direct Debit SEPA
- PayPal

### 8.1 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 the Shopping type (**One click shopping**) and click on the **Save** button to update/save the changes made.



The image shows a form field labeled 'Shopping type:' with a dropdown menu. The dropdown is open, showing three options: 'None', 'One click shopping', and 'Zero amount booking'. The 'One click shopping' option is highlighted with a red border, indicating it is the selected choice.

Fig: 8.1 (a)

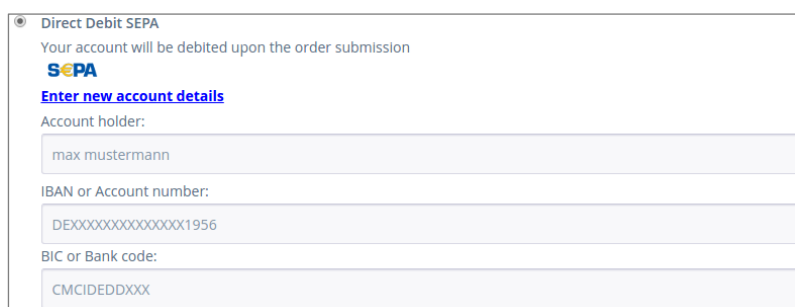


A blue rectangular button with the word 'Save' written in white text.

Fig: 8.1 (b)

#### 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.

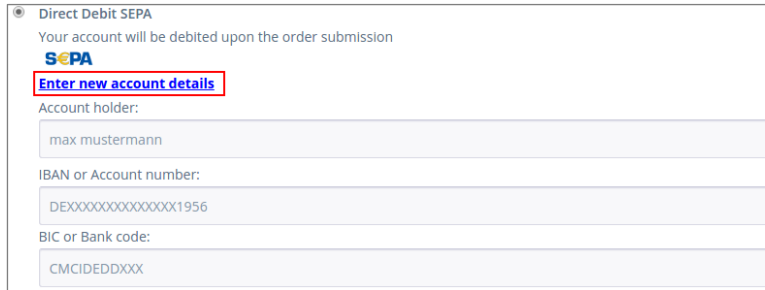


The image shows a form for 'Direct Debit SEPA'. It includes a radio button, a warning message, the SEPA logo, a link to 'Enter new account details', and three input fields for account information. The account holder's name is 'max mustermann', the IBAN is 'DEXXXXXXXXXXXX1956', and the BIC is 'CMCIEDDXXX'.

Fig: 8.1 (c)

### 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.




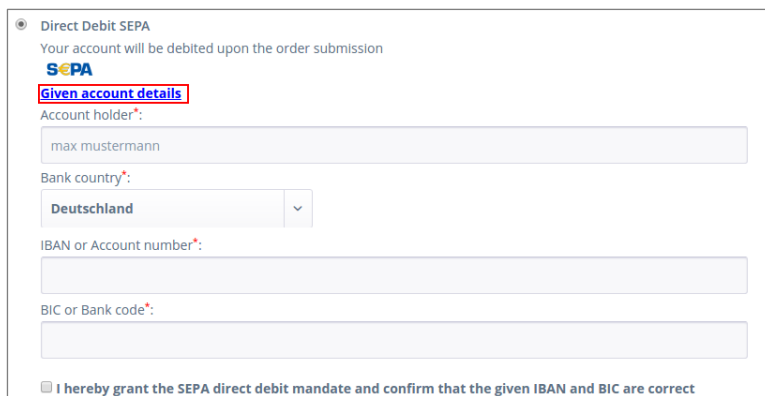
Direct Debit SEPA  
 Your account will be debited upon the order submission  
  
[Enter new account details](#)  
 Account holder:  
  
 IBAN or Account number:  
  
 BIC or Bank code:

Fig: 8.1 (d)

### 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.




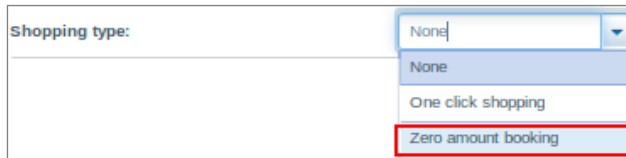
Direct Debit SEPA  
 Your account will be debited upon the order submission  
  
[Given account details](#)  
 Account holder\*:  
  
 Bank country\*:  
  
 IBAN or Account number\*:  
  
 BIC or Bank code\*:  
  
 I hereby grant the SEPA direct debit mandate and confirm that the given IBAN and BIC are correct

Fig: 8.1 (e)

## 8.2 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 the Shopping type (**Zero amount booking**) and click on the **Save** button to update/save the changes made.



The screenshot shows a form field labeled "Shopping type:" with a dropdown menu. The menu is open, showing three options: "None", "One click shopping", and "Zero amount booking". The "Zero amount booking" option is highlighted with a red rectangular box.

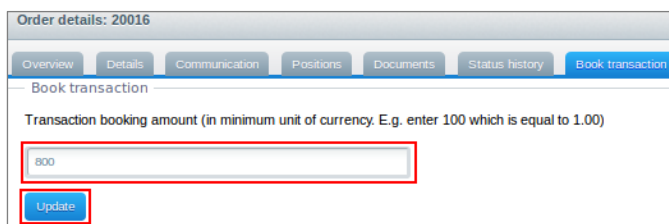
Fig: 8.2 (a)



A blue rectangular button with the word "Save" written in white text.

Fig: 8.2 (b)

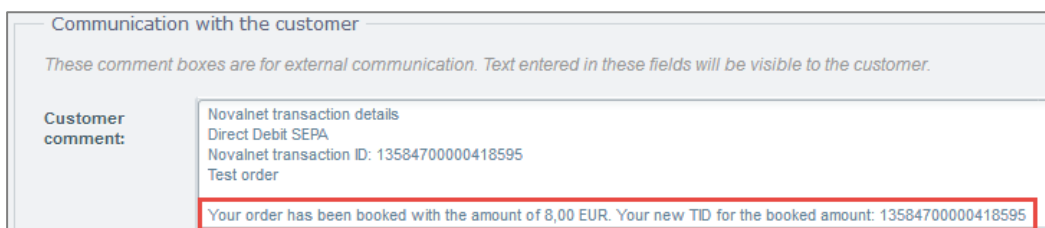
After placing the order with zero amount booking, select the order in shop backend. Enter the valid amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00) in the appropriate box under **Book transaction** and click on the **Update** button to book the specified amount.



The screenshot shows the "Order details: 20016" interface. The "Book transaction" tab is selected. Below the tab, there is a text input field labeled "Transaction booking amount (in minimum unit of currency. E.g. enter 100 which is equal to 1.00)". The number "800" is entered in the field, which is highlighted with a red rectangular box. Below the input field is a blue "Update" button, also highlighted with a red rectangular box.

Fig: 8.2 (c)

Once the booking process is completed successfully, the transaction booking details will be displayed in the **Customer comment** block under the **Communication** tab as mentioned below.



The screenshot shows the "Communication with the customer" section. It contains a "Customer comment:" block with the following text: "Novalnet transaction details", "Direct Debit SEPA", "Novalnet transaction ID: 13584700000418595", and "Test order". Below this text, a red rectangular box highlights the sentence: "Your order has been booked with the amount of 8,00 EUR. Your new TID for the booked amount: 13584700000418595".

Fig: 8.2 (d)

**Important note:** Zero amount booking will not be processed, if subscription is activated.



## 9. Defining the payment methods in Abocommerce plugin

Novalnet payment plugin supports Abocommerce plugin to process the recurring payments. With AboCommerce, you can create subscription items, variable intervals and durations. Once the Abocommerce plugin is installed in your shop, it is mandatory to define the required payment methods.

To define a payment method, go to **Marketing** → **AboCommerce**.

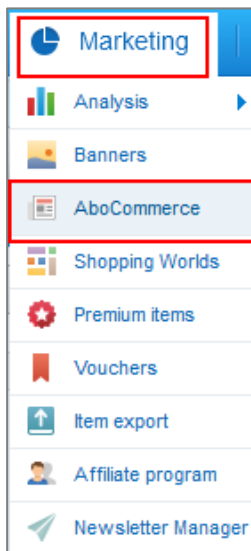


Fig: 9 (a)

Click on the **Payment means** tab and drag the desired payment methods to the right side of the window. Finally, click on **Save settings** button to update/save the changes made.

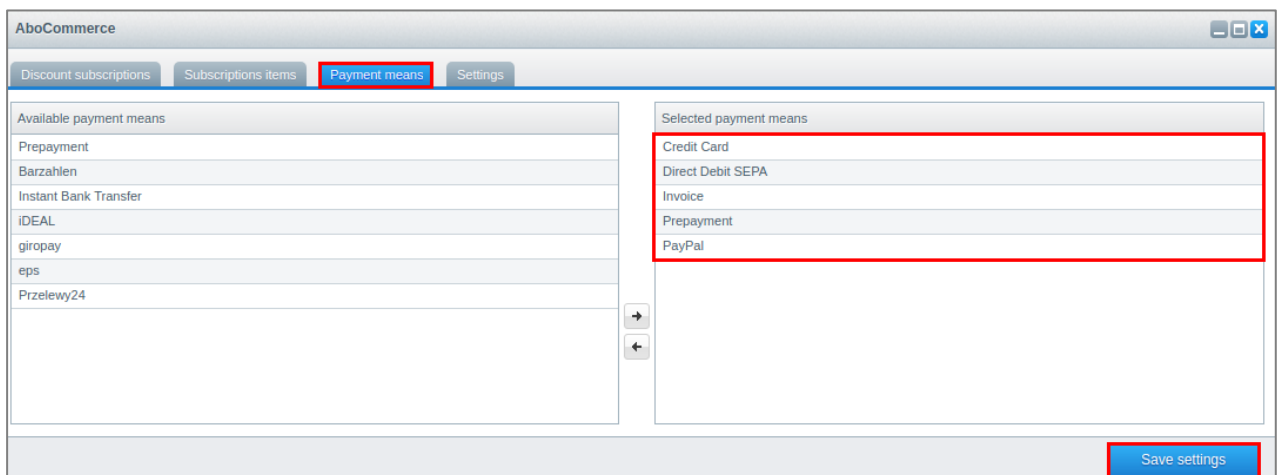


Fig: 9 (b)

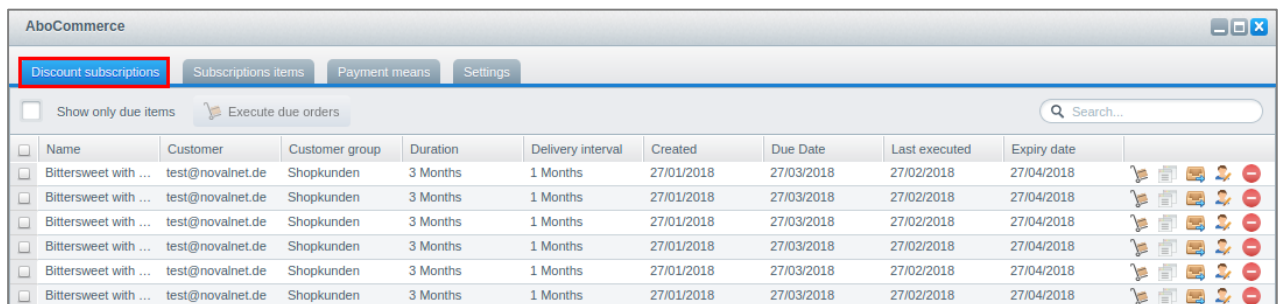
**Important note:** AboCommerce uses recurring payments, keep in mind that your payment method must support those!

The following payment methods supports Abocommerce recurring process:

- Credit Card
- Direct Debit SEPA
- Invoice
- Prepayment
- PayPal

## 9.1 Overview of all running subscriptions

Once the order got placed using the subscription items, you can see all running subscription items in the **Discount subscriptions** tab. There is also an option available to Execute order, Open last order, Open item, Open customer and Delete subscription. Clicking on Show only due items will display the items that need to be shipped next.




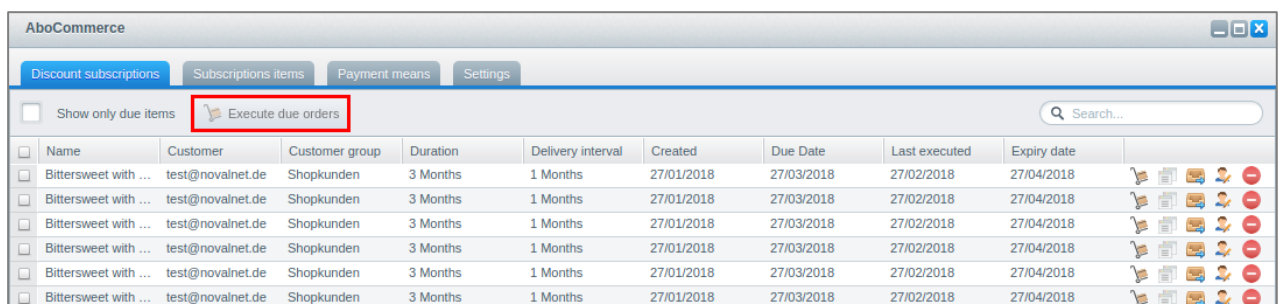
| <input type="checkbox"/> | Name                 | Customer         | Customer group | Duration | Delivery interval | Created    | Due Date   | Last executed | Expiry date |  |
|--------------------------|----------------------|------------------|----------------|----------|-------------------|------------|------------|---------------|-------------|--|
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |

Fig: 9.1

## 9.2 Execute the subscriptions

There are two different ways to execute your subscription items with the use of Abocommerce plugin.

1. Choose the required subscription and click on the  (**Execute order**) icon.  
By clicking on **Execute due orders** will execute all the items at once using a batch process. Once a subscription due orders got executed.



| <input type="checkbox"/> | Name                 | Customer         | Customer group | Duration | Delivery interval | Created    | Due Date   | Last executed | Expiry date |  |
|--------------------------|----------------------|------------------|----------------|----------|-------------------|------------|------------|---------------|-------------|--|
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |
| <input type="checkbox"/> | Bittersweet with ... | test@novalnet.de | Shopkunden     | 3 Months | 1 Months          | 27/01/2018 | 27/03/2018 | 27/02/2018    | 27/04/2018  |  |

Fig: 9.2

2. AboCommerce can trigger follow-up orders by making use of a cronjob. On triggering the cronjob all due orders will be executed automatically. You will see the follow-up orders in the path **Customers** → **Orders**. To set the cronjobs, kindly refer the mentioned links [https://en-community.shopware.com/Cronjobs\\_detail\\_1103.html](https://en-community.shopware.com/Cronjobs_detail_1103.html)

## 10. Affiliate system management

The Novalnet platform for affiliate programs allows you to organize your affiliate management in an easy and uncomplicated manner. You save time and effort, as the complete processes - from revenue sharing up to the payout to your affiliates - are managed by the Novalnet. Additionally, you have the possibility to manage your members via the Novalnet system and to automatize your subscription management.

The Novalnet partner program platform puts an additional interface for the management of your affiliates at your disposal in direct combination with our reliable and safe payment solution. In the course of your cooperation with Novalnet as payment service provider this interface, its implementation and administration are provided to you free of charge. The calculation and payout of commissions is of course carried out reliably and at the highest security level by Novalnet.

Using this service you save considerable time and administrative effort paying out referral commissions and turnover commissions. The automation of the affiliate program via the Novalnet solution renders manual booking and control of affiliate payouts obsolete.

Furthermore as a merchant, you always get an overview in the Novalnet administration portal about the amount of turnover generated by each of your affiliate partners and the level of their turnover commission. At this point, single or combined settlements can be set up. You can create any combination of commission types for your sales partners.

### Possible payout options through the Novalnet systems are

- **Pay per Lifetime:** Repetitive commission payouts to affiliate (subscriptions etc.)
- **Pay per Lead:** One-time payment with a fixed amount

You can set up new affiliates in the back end yourself, evaluate the turnover an affiliate generates and the amount of commission the affiliate received. So you and your affiliate benefit from online payment by Novalnet and a fast payout. With Novalnet as a payment service provider, you can benefit from many useful additional services such as the affiliate program along with e-payment.

## 11. Uninstallation procedure

### 11.1 Payment deactivation

Select **Payment methods** from **Configuration** menu.

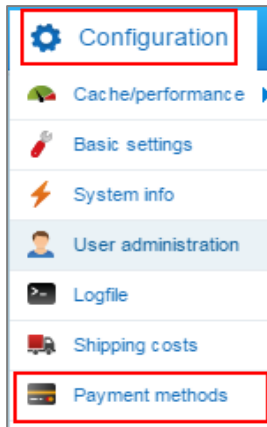


Fig: 11.1 (a)

Select the required payment method in the left side of the admin panel and uncheck the **Active** checkbox to deactivate the respective payment method under the **General** tab.

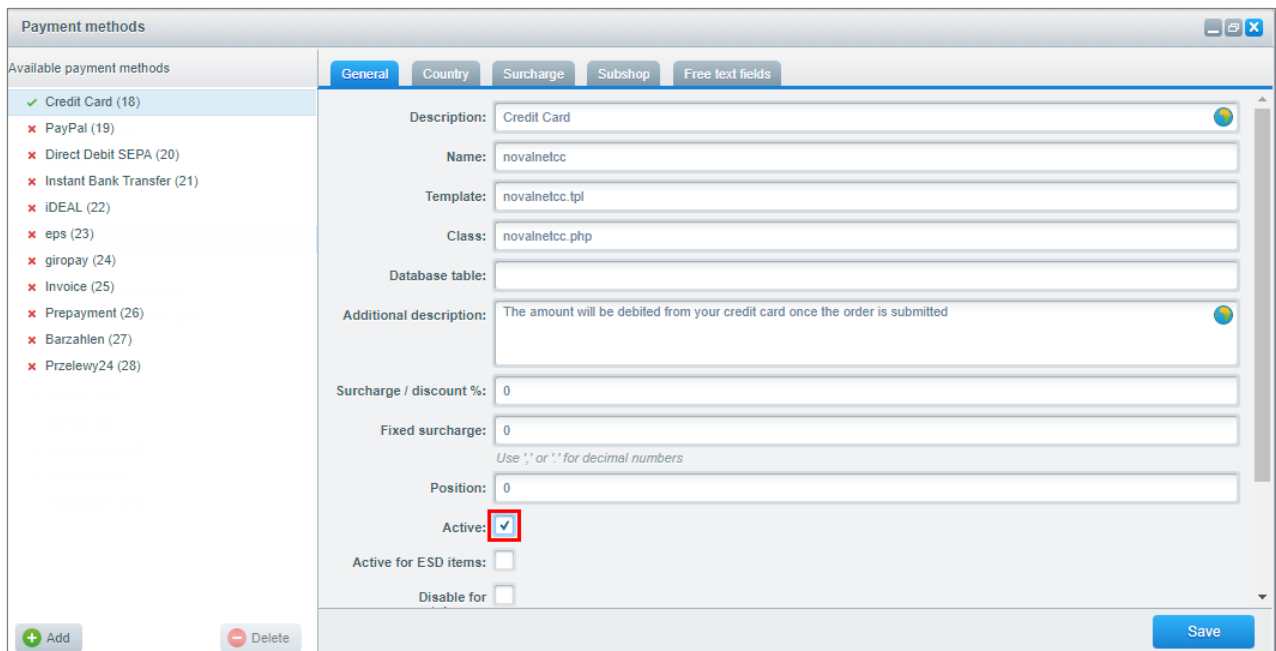


Fig: 11.1 (b)

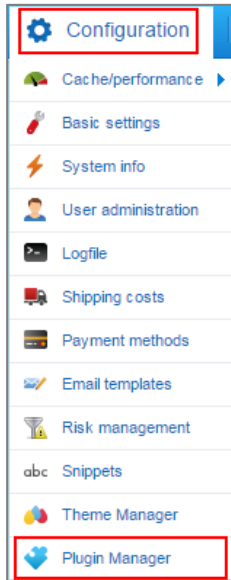
Click on the **Save** button to update/save the changes made.




Fig: 11.1 (c)





## 11.2 Plugin uninstallation

Select the **Plugin Manager** from the **Configuration** menu as mentioned below.



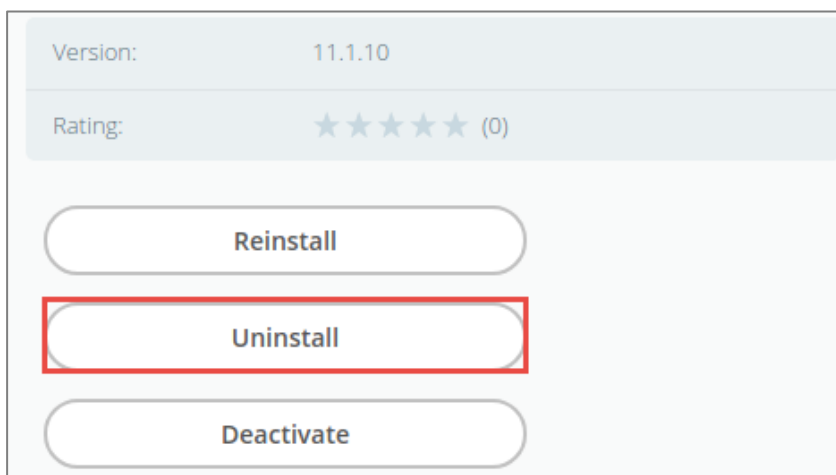
**Fig: 11.2 (a)**

To deactivate the Novalnet payment plugin, choose the **Installed** button under **Plugin Manager** and click on  (**Edit**) icon of the **Novalnet Payment** plugin.

| Plugin name  | Version | Installed on | Updated on | License | Active | Developed by |   |
|--|---------|--------------|------------|---------|--------|--------------|---|
| Installed (6 Plugins)  |         |              |            |         |        |              |   |
|  Novalnet Payment | 11.1.10 | 27/02/2018   | 27/02/2018 |         | ✓      | NOVALNET     |    |

**Fig: 11.2 (b)**

Now, click on the **Uninstall** button of the **Novalnet Payment** plugin to uninstall the plugin from the shop.



**Fig: 11.2 (c)**

**Important note:** Kindly, contact [sales@novalnet.de](mailto:sales@novalnet.de) / tel. +49 89 9230683-20 to get the test data to process the payment.

## 12. Imprint and contact

You can find all advice and news regarding Novalnet at:



[www.twitter.com/novalnet](http://www.twitter.com/novalnet)

Become a fan of Novalnet on Facebook:



[www.facebook.com/novalnet](http://www.facebook.com/novalnet)

Connect with us on Xing:



[www.xing.com/companies/novalnetag](http://www.xing.com/companies/novalnetag)

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