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Installation Guide for Novalnet Shopware 6 Payment App

Version	Date	Remarks
2.2.0	04.04.2024	[Fix] Compatibility for Shopware 6.6 series

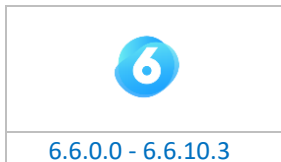
TABLE OF CONTENTS

1 QUICK SETUP.....	3
1.1 App Installation.....	3
1.2 API Configuration in the Shopware shop system	5
1.2.1 Notification/webhook configuration in the Novalnet Admin Portal.....	7
1.3 Payment Activation in the Novalnet Admin Portal	8
1.4 Payment Configuration in the Shopware shop system	11
1.4.1 Payment Activation for the Sales Channel in the Shopware shop system.....	12
1.5 Payment Configuration in the Novalnet Admin Portal.....	13
1.5.1 Display payment method logo	14
1.5.2 Display invoice payments	14
1.6 Readme procedures to display the Novalnet transaction details	14
2 TESTING AND GOING LIVE.....	15
3 ADDITIONAL CONFIGURATION IN NOVALNET ADMIN PORTAL	16
3.1 Additional configuration for all the payment methods.....	16
3.2 Additional configuration for Credit Card Payment.....	20
3.3 Additional configuration for Apple Pay Payment.....	20
3.4 Additional configuration for Google Pay Payment.....	20
4 MANAGING SHOPWARE ADMIN PANEL.....	21
4.1 Order Management.....	21
4.2 Transaction overview	21
5 UNINSTALLATION	22
6 TECHNICAL SUPPORT THROUGH NOVALNET	23

1 QUICK SETUP

This guide describes the quick installation procedure of Novalnet payment app with your shop system and to start accepting payments worldwide. For this integration, a Novalnet merchant account is needed to accept Novalnet payments, 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 app version (2.2.0) supports the following versions of Shopware 6:



To get started:

1. Log in to the [Novalnet Admin Portal](#) with your merchant account details (user credentials).
2. Log in to your Shopware 6 shop system.
3. Make sure that you have extracted the payment app package from the zip file you have received. If you have received only the installation guide without the payment app package (zip file), please send us a mail to technic@novalnet.de with your merchant ID.

1.1 App Installation

To install the Novalnet payment app, please go to your shop admin panel and follow the bellow steps,

Step 1: Navigate to **Extensions** → **My extensions** in your shop admin panel as shown below.

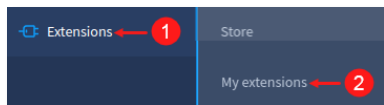


Figure 1

Step 2: Click **Upload extension** and choose the **NovalnetPaymentApp.zip** file that is included in the Novalnet Shopware app package.

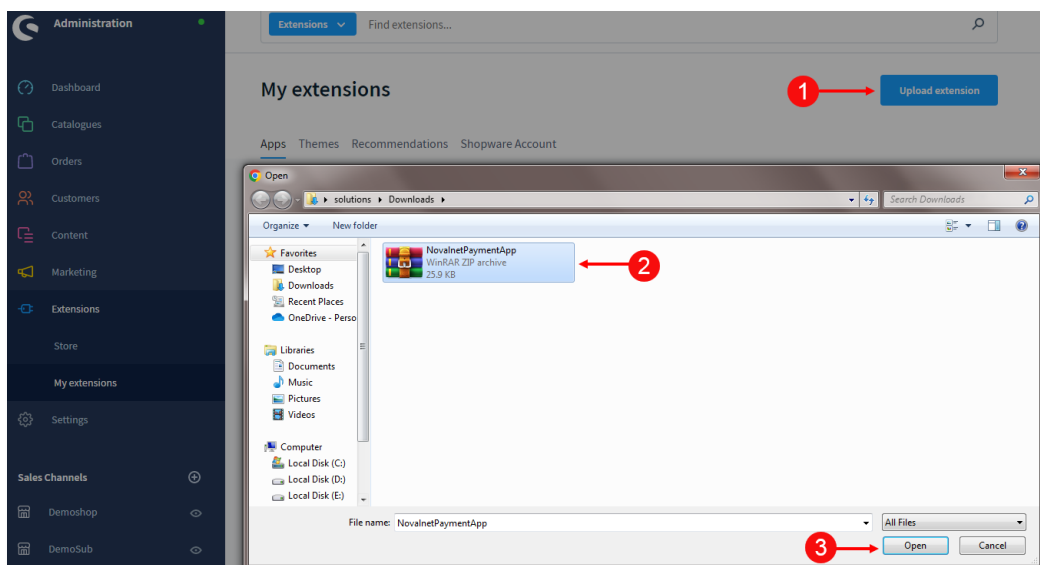


Figure 2

Step 3: Once uploaded, the **Novalnet Payment App** will be shown under **Extensions** → **My extensions** menu as shown below.

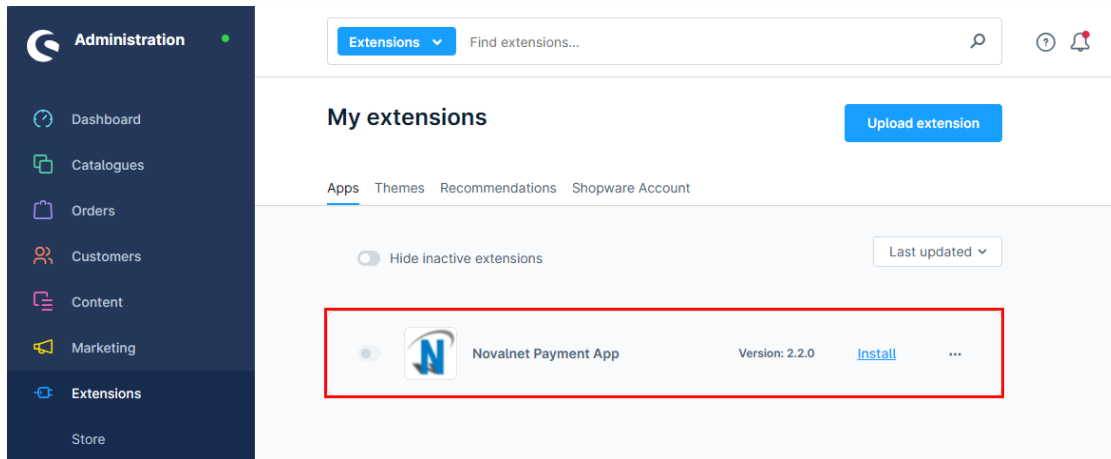


Figure 3

Step 4: Now click **Install** to install the **Novalnet Payment App**.

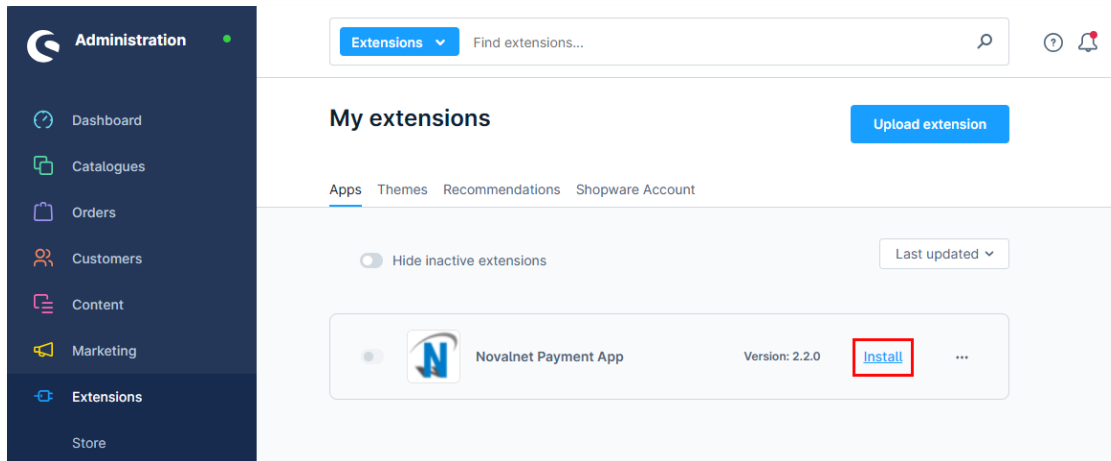


Figure 4

1.2 API Configuration in the Shopware shop system

The main configuration occurs in your Shopware 6 shop system as well as in the [Novalnet Admin Portal](#).

In your Shopware 6 shop admin panel navigate to **Extensions** → **My extensions** → **Novalnet Payment App** → **Configure** as shown below.

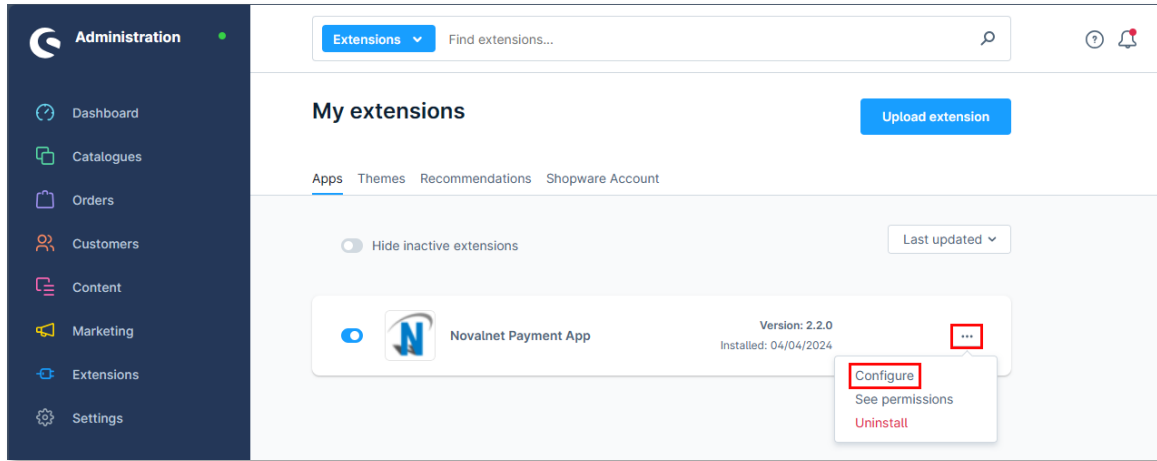


Figure 5

Next step, you will be forwarded to the Novalnet API Configuration page as shown below to enter the following keys:

- ① **Product activation key** - a unique token for merchant authentication and payment processing.
- ① **Payment access key** - a secret key assigned to each merchant which encrypts the data to avoid user manipulation and fraud.
- ① **Tariff ID** - a unique identifier created based on the tariff type at Novalnet.

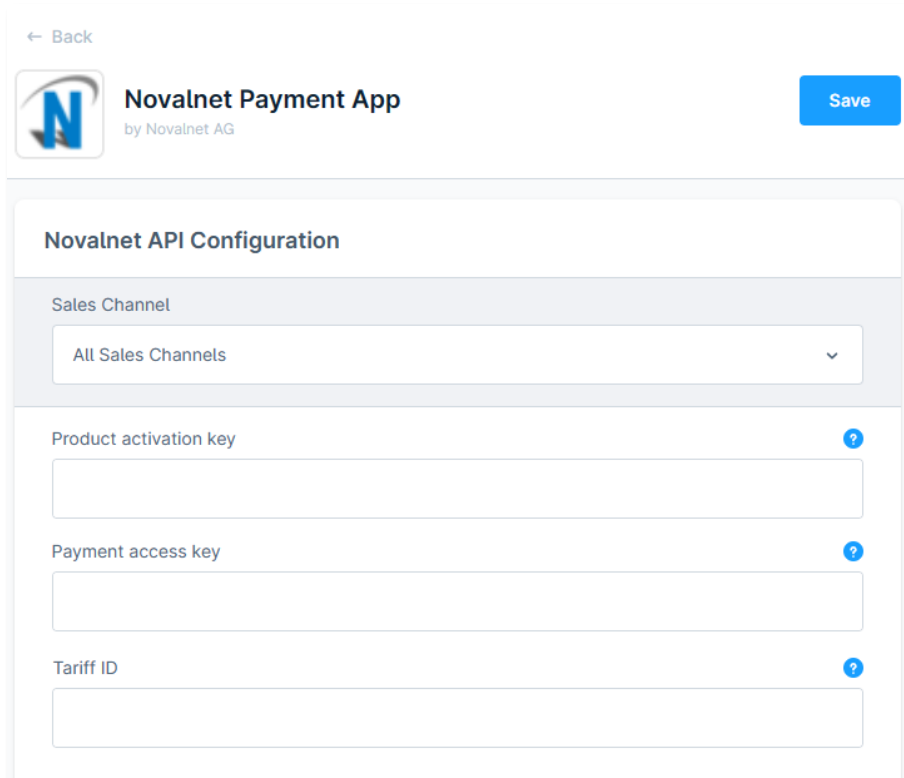


Figure 6

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

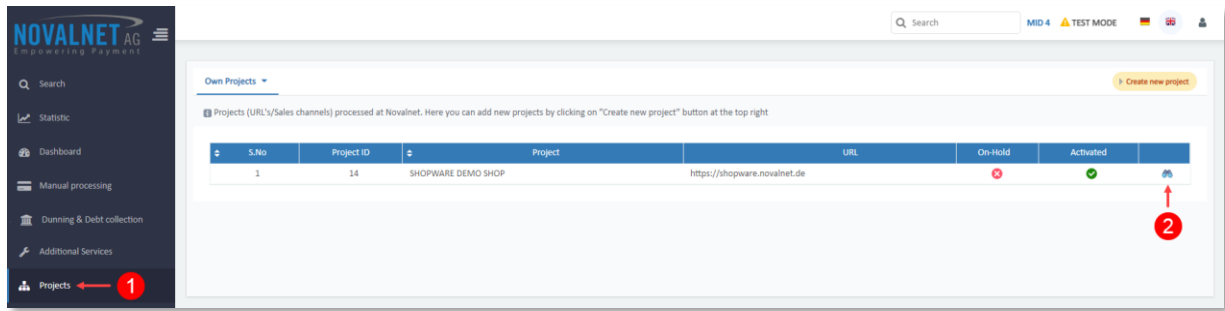


Figure 7

Click **API credentials**, copy the **API Signature (Product activation key)**, **Payment access key** and **Tariff ID** as shown below.

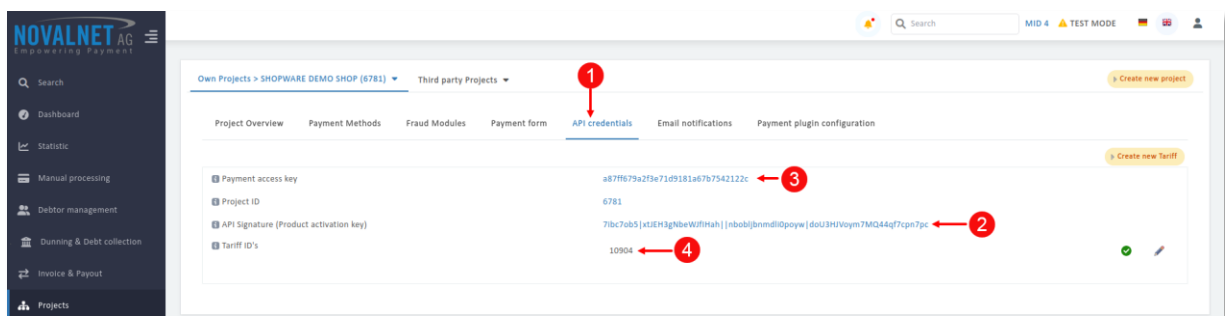


Figure 8

Paste the **Product activation key**, **Payment access key** and **Tariff ID** in the respective fields in your shop system.

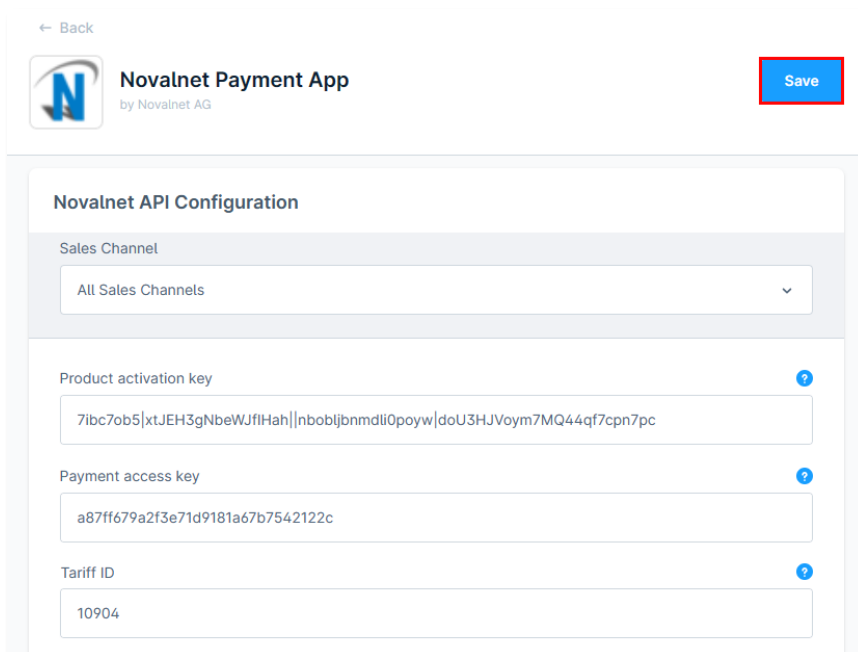


Figure 9

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

1.2.1 Notification/webhook configuration in the Novalnet Admin Portal

Configure the Notification/Webhook URL into your [Novalnet Admin Portal](#) account by following the below steps,

Step 1: Copy the Notification/Webhook URL from the shop admin panel and in the [Novalnet Admin Portal](#), navigate to **Projects** menu and choose your project as shown in [Figure 7](#).

Step 2: Go to **API credentials** and click **Edit** as shown below.

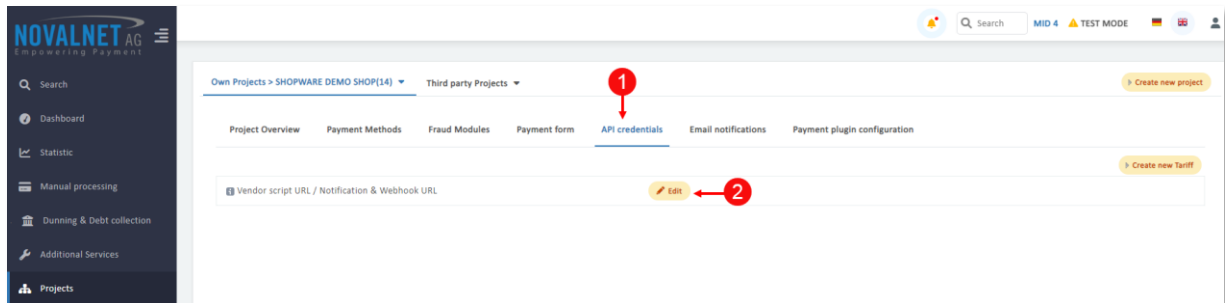


Figure 10

Step 3: Then paste the copied Notification/Webhook URL into the **Vendor script URL / Notification & Webhook URL** and click **Update**.

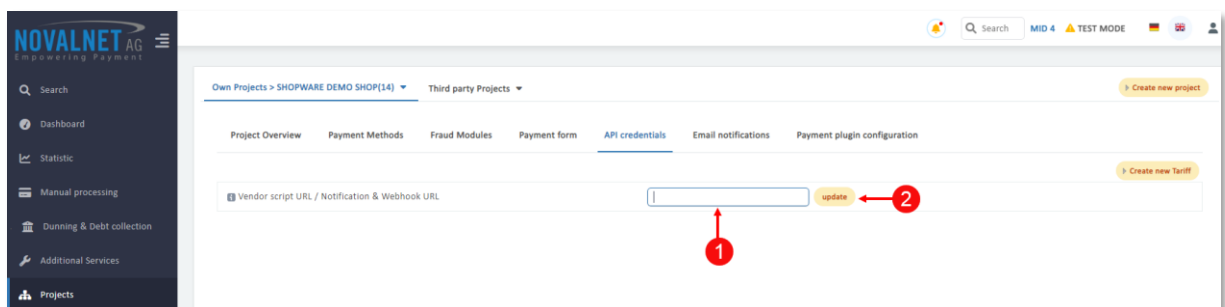
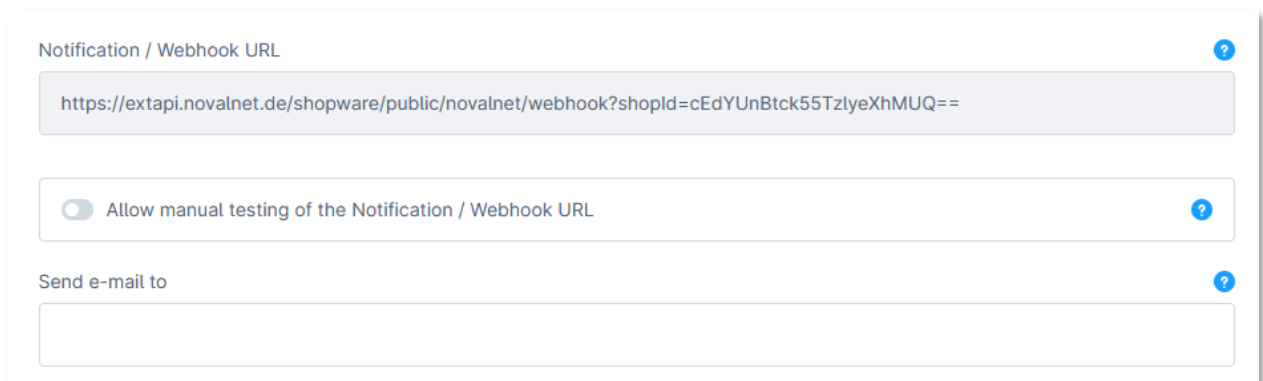


Figure 11

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



Notification / Webhook URL

<https://extapi.novalnet.de/shopware/public/novalnet/webhook?shopId=cEdYUnBtk55TzlyeXhMUQ==>

☐ Allow manual testing of the Notification / Webhook URL

Send e-mail to

Figure 12

- ① **Notification / Webhook URL** - Required to keep the merchant's database/system up to date and synchronized with Novalnet (for example: up-to-date transaction status delivery).
- ① **Allow manual testing of the Notification / Webhook URL** - Enable this to test the Novalnet Notification / Webhook URL manually. Disable this before setting your shop system live, to block unauthorized calls from external parties.
- ① **Send e-mail to** - Every execution will be sent as a message to the e-mail address defined in this field.

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 any questions on the payment methods or have additional payment method requests, please contact sales@novалnet.de

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

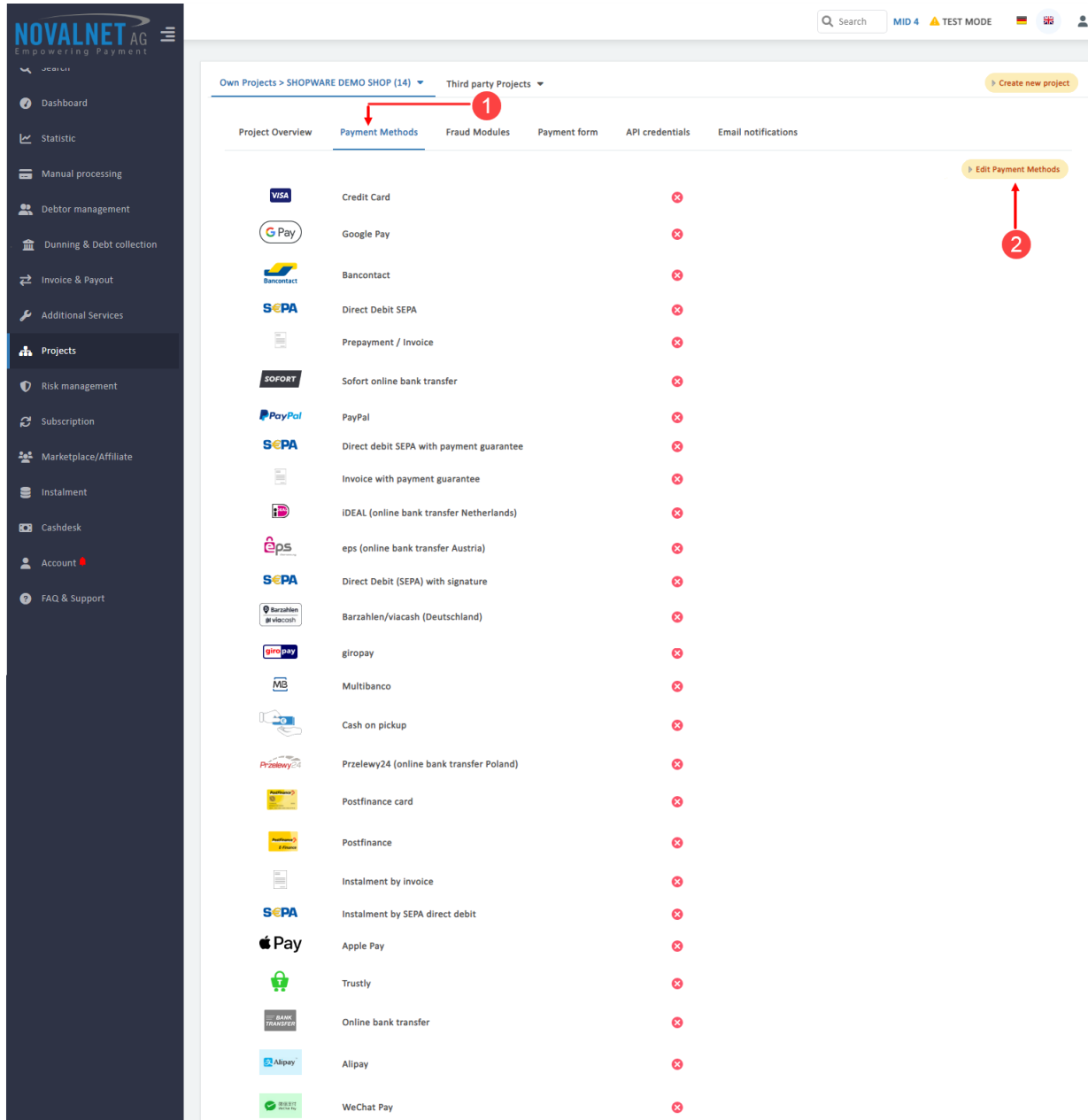


Figure 13

Now, select the preferred payment methods as shown below.

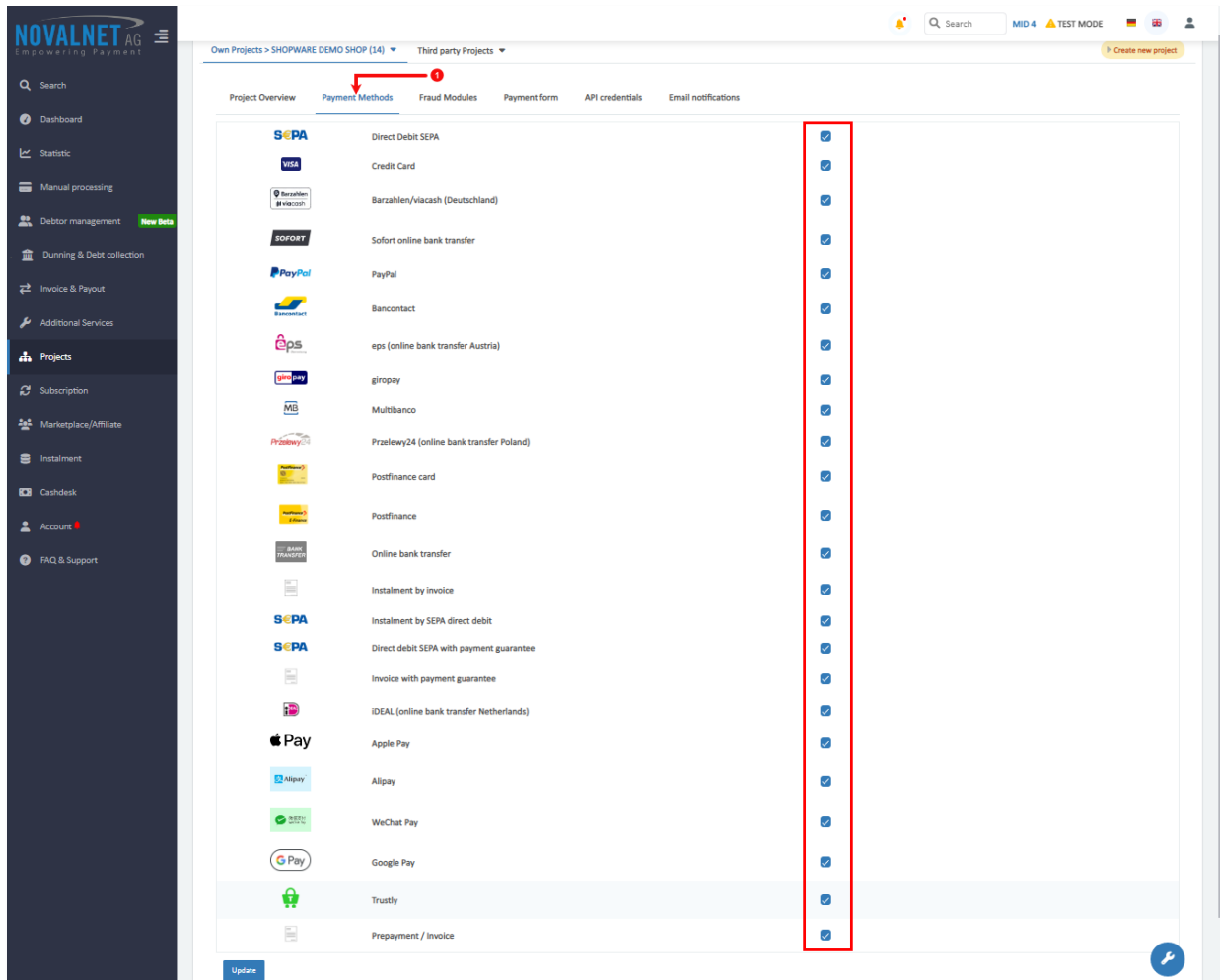


Figure 14

You can also sort the payment methods in any order through 'Drag and Drop' positioning. Finally, click **Update** to save them on the checkout page.

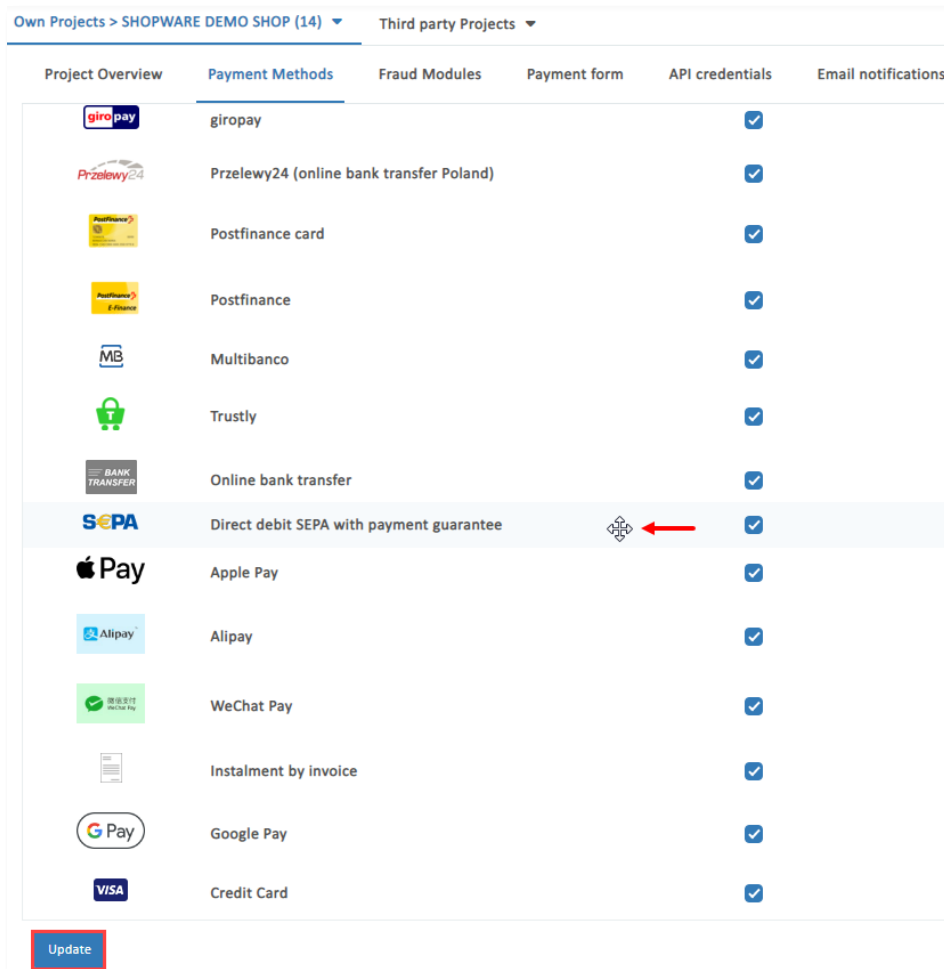


Figure 15

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

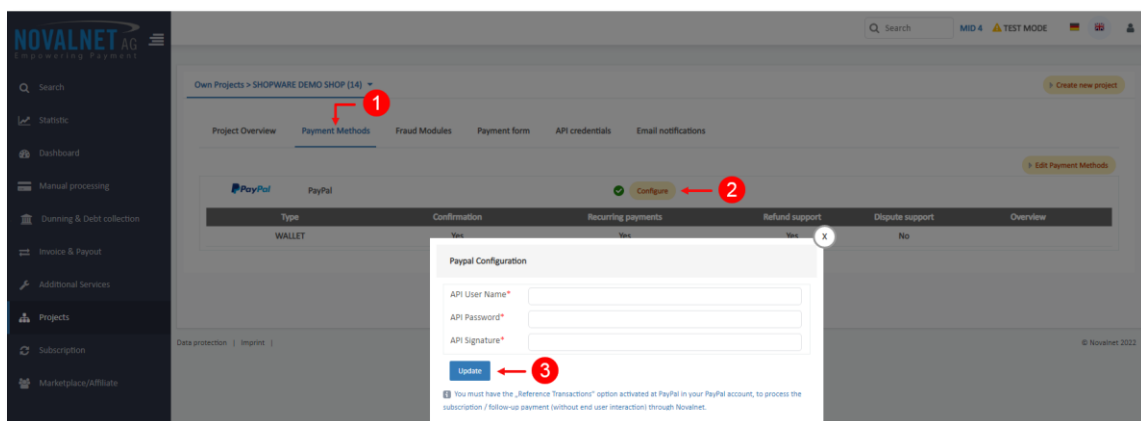


Figure 16

To use the **PostFinance** payment method, configure **Ep2-Merchant ID** details in the [Novalnet Admin Portal](#) as shown below.

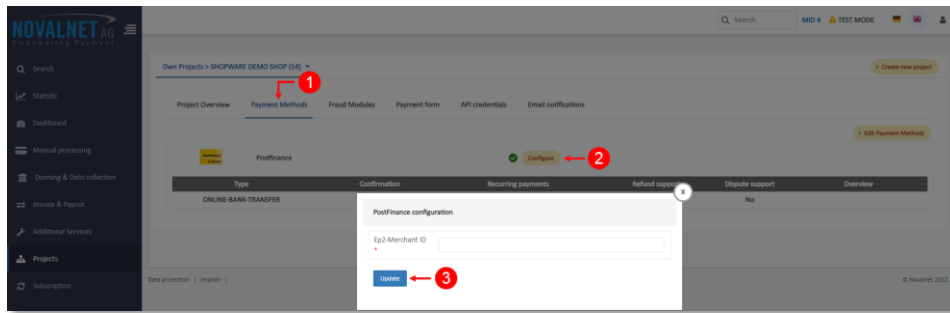


Figure 17

1.4 Payment Configuration in the Shopware shop system

After activating the payment methods in the [Novalnet Admin Portal](#), you must enable these payment methods in your shop admin panel to display them on your Shopware 6 checkout page. Navigate to **Settings → Shop → Payment methods** as shown below.

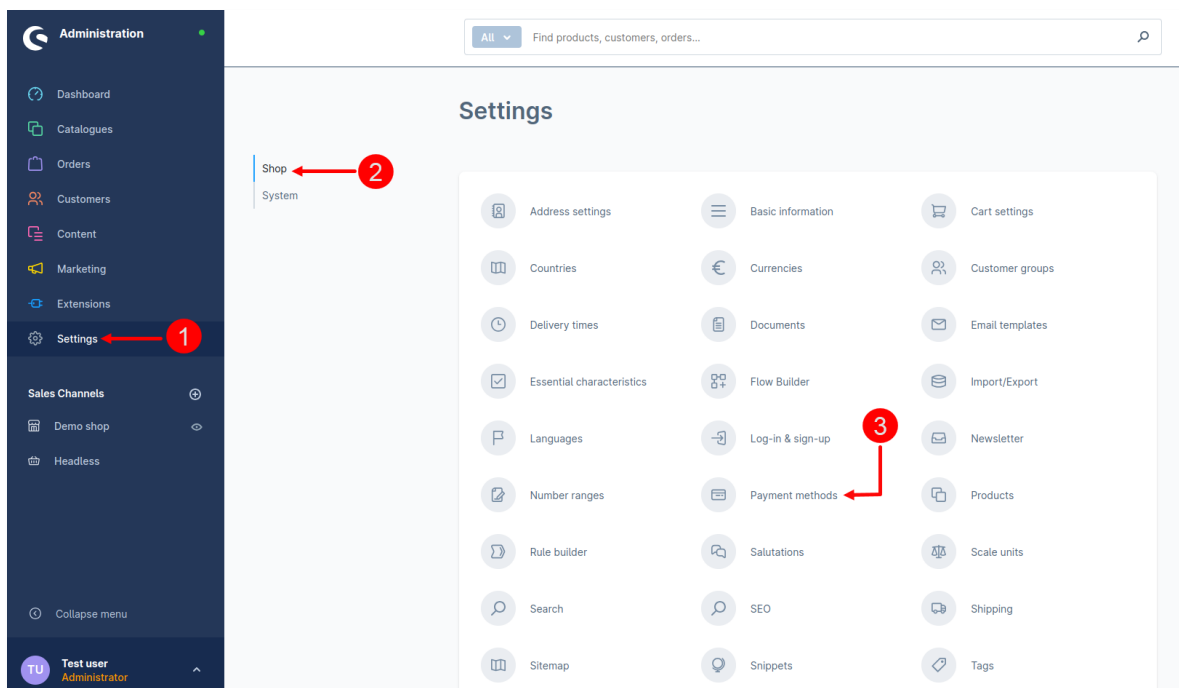


Figure 18

Novalnet payment method will be shown below.

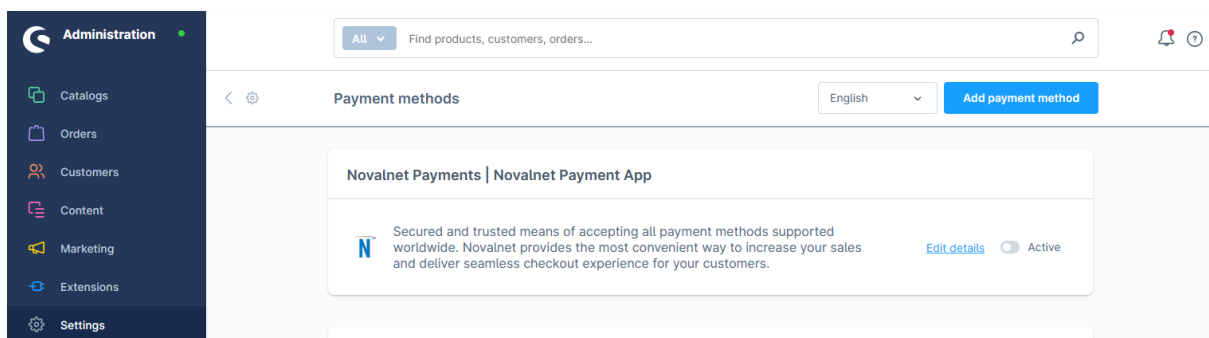


Figure 19

Click  to activate the Novalnet payment methods as shown below.

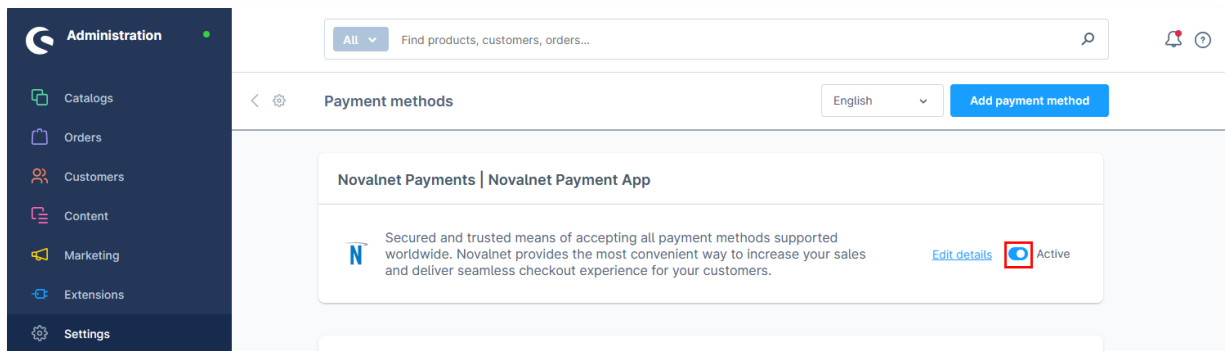


Figure 20

1.4.1 Payment Activation for the Sales Channel in the Shopware shop system

Once the payment methods are all enabled, you must enable **Novalnet Payments | Novalnet Payment App** separately for each Sales Channel available in your shop system by navigating to each Sales Channel from the main menu, under **Payment and shipping** menu, choose **Novalnet Payments | Novalnet Payment App** and click **Save** as shown below.

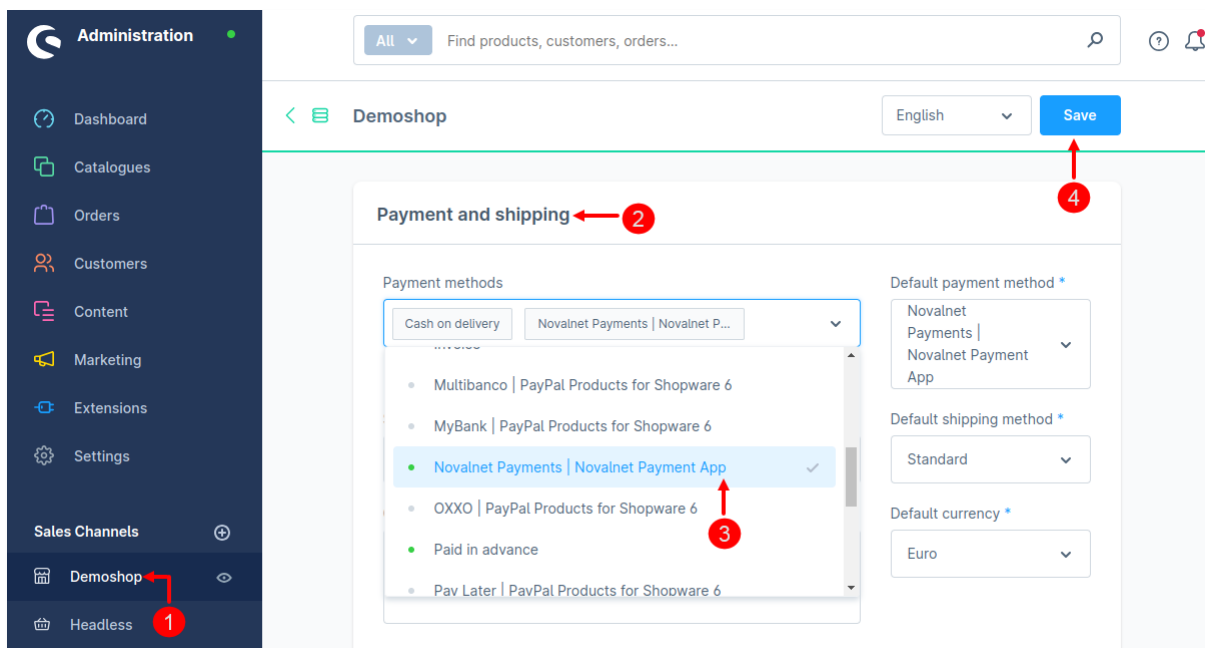


Figure 21

When the **Novalnet Payments | Novalnet Payment App** methods are enabled for the Sales Channel in the shop admin panel, they will be shown on the shop checkout page as shown below.

Complete order

Terms and conditions and cancellation policy
Please note our [cancellation policy](#).
☐ I have read and accepted the [general terms and conditions](#).

Shipping address
Norbert Maier
Hauptstr. 9
66862 Kalserslautern
Germany
[Change shipping address](#)

Billing address
Max Mustermann
Musterstr. 2
12345 Musterhausen
Poland
[Change billing address](#)

Payment method

- ☐ Credit/Debit Cards
- ☐ MB Way
- ☐ Direct Debit ACH
- ☐ Payconiq
- ☐ Invoice
- ☐ Prepayment
- ☐ PayPal
- ☐ Bancontact

Shipping method

- ☒ Standard
- ☐ Express

Figure 22

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

- ❗ If you have any recommendations or suggestions for improvement kindly share your thoughts with us on technic@novalnet.de or call us at +49 89 9230683-19.
- ❗ Are you happy with our service and support? Please spend a few minutes to share your success [here](#)

1.5 Payment Configuration in the Novalnet Admin Portal

For additional payment configuration settings for each payment method, navigate to [Novalnet Admin Portal](#) → **Projects** → {choose your project} → **Payment plugin configuration** on the right. Then, choose the required payment methods, configure the additional payment settings and save the changes made.

NOVALNET AG
Empowering Payment

Own Projects > SHOPWARE DEMO SHOP (14)

Project Overview | Payment Methods | Fraud Modules | Payment form | API credentials | Email notifications | **Payment plugin configuration** | Create new project

Global configuration

Display payment method logo ☒

Display invoice payments

Payment by invoice ☒ Prepayment ☒

Save

Figure 23

1.5.1 Display payment method logo

By enabling this option, all payments logo will be displayed on the checkout page.

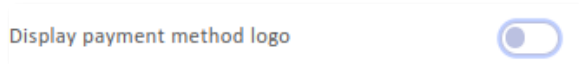


Figure 24

1.5.2 Display invoice payments

☛ This option is available only for **Payment by invoice** and **Prepayment** methods:

By select this payments, the payment method will be displayed on the checkout page.

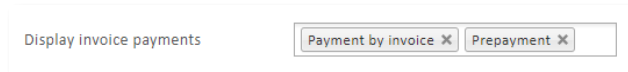


Figure 25

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

① If you have any recommendations or suggestions for improvement, kindly share your thoughts with us to develop our payment app further technic@novalnet.de or call us at +49 89 9230683-19.

① Are you happy with our service and support? Please spend a few minutes to share your success [here](#)

1.6 Readme procedures to display the Novalnet transaction details

To display the Novalnet transaction comments in shop order mail, follow the below steps.

Step 1: Navigate to **Settings → Shop → Email templates → Type →** choose the relevant status and click **Edit** to view the **HTML** section under **Mail text**.

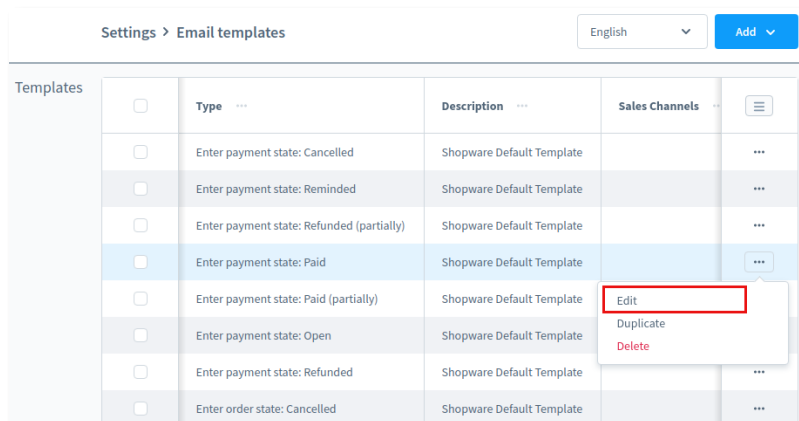


Figure 26

Step 2: Add the below code in the **HTML** block and click **Save** to save the changes as shown below.

Add the following code based on your wish in HTML block

```
{% if order.customerComment is not empty %}
<strong>Comments:</strong><br />
{{ order.customerComment|nl2br }}
{% endif %}
```

Edit email template

English Cancel Save

Mail text

Plain text

```
1 {% set currencyIsoCode = order.currency.isoCode %}
2 {% if order.orderCustomer.salutation %}{{ order.orderCustomer.salutation.translated.letterName ~ ' ' }}{% endif %}{{ order
.orderCustomer.firstName }} {{ order.orderCustomer.lastName }},
3
4 We received your payment and will now start processing the order.
5
6 Order number: {{ order.orderNumber }}
7
8 Information on your order:
9
10
11 Pos. Prod. No. Description Quantities Price Total
12 {% for lineItem in order.lineItems %}
13 {{ loop.index }} {{ lineItem.payload.productNumber }}{{ if lineItem.payload.options is defined and lineItem.payload
.options|length >= 1 %}, {{ for option in lineItem.payload.options }}{{ option.group }}: {{ option.option }}{% if
lineItem.payload.options|last != option %}, {{ if lineItem.payload.features is defined and lineItem.payload.features|length >= 1 %}}
{{ set referencePriceFeatures = lineItem.payload.features|filter
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
```

HTML

```
138 In case of a successful order and if you are based in one of the EU countries, you will receive your goods exempt
139 from turnover tax.<br>
140 {% endif %}
141 <br>
142 You can check the current status of your order on our website under "My account" - "My orders" anytime: {{ rawurl
('frontend.account.order.single.page', { 'deepLinkCode': order.deepLinkCode, salesChannel.domains|first.url })
143 <br>
144 If you have any questions, do not hesitate to contact us.
145
146 </p>
147 <br>
148 </div>
149
150 {% if order.customerComment is not empty %}
151 <strong>Comments:</strong><br />
152 {{ order.customerComment|nl2br }}
153 {% endif %}
```

Figure 27

Based on the shop languages, you must configure the above mentioned code for Email templates.

2 TESTING AND GOING LIVE

Execute test transactions by navigating to [Novalnet Admin Portal](#) → **Projects** → {choose your project} → **Payment plugin configuration** select the preferred payment methods and enable the **Test mode**. In the test mode the transaction amount will not be charged by Novalnet.

Test mode

Figure 28

Refer below URL 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 uncheck/disable the **Enable test mode** option in the individual payment configuration page.

- 1 If you have any recommendations or suggestions for improvement, kindly share your thoughts with us on technic@novalnet.de or call us at +49 89 9230683-19.
- 1 Are you happy with our service and support? Please spend a few minutes to share your success [here](#)

3 ADDITIONAL CONFIGURATION IN NOVALNET ADMIN PORTAL

3.1 Additional configuration for all the payment methods

For additional payment configuration settings for each payment methods, navigate to [Novalnet Admin Portal](#) → **Projects** → {choose your project} → **Payment plugin configuration** in the top right corner. Then, choose the payment methods and configure the required additional payment settings as shown below.

Payment due date (in days)

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

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

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




Figure 29

- ① For **Direct Debit SEPA**, enter the number of days after which the payment is debited (must be between 2 and 14 days).
- ① For **Payment by 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.
- ① For **Prepayment**, 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.
- ① For **Barzahlen/viacash**, enter the number of days given to the buyer to pay at a store near by. If this field is left blank, 14 days will be set by default for slip expiry.

Payment Action (Debit immediately / Reserve funds for later / Authorize with zero amount)

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

☛ *This options is available only for the following payment methods:*

Credit Card, Direct Debit SEPA, Direct debit SEPA with payment guarantee, Instalment by SEPA direct debit, Payment by Invoice, Invoice with payment guarantee, Instalment by invoice, PayPal, Googlepay and Applepay.

- ① **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.

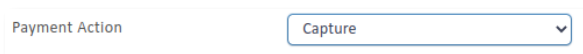


Figure 30

- ① **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!



Figure 31

Minimum transaction amount for authorization

Transactions above this amount will be “authorized” only and captured later. Leave the field blank to authorize all transactions.

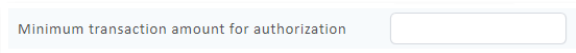



Figure 32

Authorize with zero amount

 This option is available only for the **Credit Card, Direct Debit SEPA, Direct Debit ACH, Googlepay and Applepay.**

If the purchase order succeeds, a transaction with the amount 0 is executed. This gives you the advantage of deducting the amount in advance from the buyer (Example: if certain goods have yet to be manufactured or not in stock).

For the desired payment type, select **Authorize with zero amount** and click **Save**.

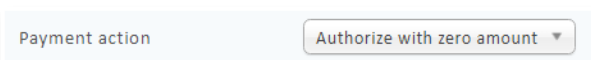


Figure 33

Status	Description
Open	For Payment by Invoice, Direct debit SEPA with payment guarantee, Invoice with payment guarantee, Instalment by invoice, Instalment by SEPA direct debit, Barzahlen/viacash, Multibanco & PayPal payments, the order status changes from Pending to Open when transaction is confirmed.
Paid	Once the order has been placed successfully, the status for the respective payment will be set as Paid when transaction is confirmed.
Cancelled	Once the order is cancelled, the status for the respective payment will be set as Cancelled .

Minimum Order Amount

 This option is available for all payment methods

Enter the minimum value of goods for which the payment method will be displayed to the customer during checkout.

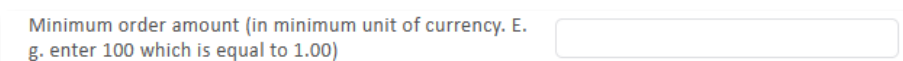


Figure 34

Maximum Order Amount

 This option is available for all payment methods

Enter the maximum value of goods for which the payment method will be displayed to the customer during checkout.

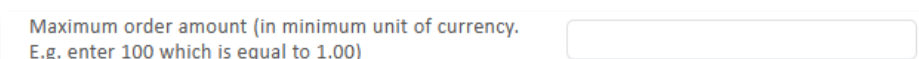


Figure 35

Payment guarantee configuration

When the basic requirements are met, Novalnet offers you the option to process payments as guarantee payments. For more information about Novalnet's guarantee payments,

Please visit: <https://developer.novalnet.com/onlinepayments/aboutguarantee#basic-requirements>

☛ This option is available only for **Direct Debit SEPA with payment guarantee and Invoice with payment guarantee**.

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 payment when the guarantee conditions are not met.

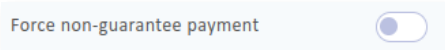


Figure 36

Allow B2B Customers

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

Direct debit SEPA with payment guarantee, Invoice with payment guarantee, Instalment by SEPA direct debit and Instalment by Invoice.

Enabling this option will allow B2B buyers to complete payments in your shop system.

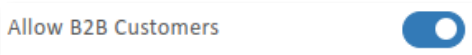


Figure 37

Allowed currencies

☛ This option is available for all payment methods

Select the currencies to which the payment methods to process.

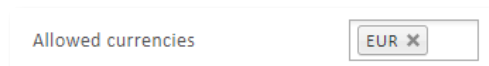


Figure 38

Allowed countries

☛ This option is available for all payment methods

Select the countries to which the payment method should applicable or to display in the checkout page.



Figure 39

Allowed countries (B2B)

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

Direct debit SEPA with payment guarantee, Invoice with payment guarantee, Instalment by SEPA direct debit and Instalment by invoice.

Select the countries where payment methods should be displayed on the checkout page for B2B categories.

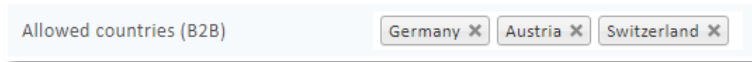


Figure 40

Allowed countries (B2C)

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

Direct debit SEPA with payment guarantee, Invoice with payment guarantee, Instalment by SEPA direct debit and Instalment by invoice.

Select the countries where payment methods should be displayed on the checkout page for B2C categories.

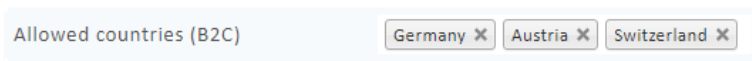


Figure 41

Instalment payment configuration

When the basic requirements are met, Novalnet offers you the option to process payments as instalment payments. For more information about Novalnet's instalment payments,

Please visit: <https://developer.novalnet.com/onlinepayments/aboutinstalment#basic-requirements>

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

Instalment by SEPA direct debit and Instalment by Invoice.

Instalment cycles

Instalment cycle refers to the pre-defined period for partial payments that allow the buyer to pay their full order amount in parts. The intervals or cycles vary based on shop admin configuration.

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

Instalment by SEPA direct debit and Instalment by Invoice.

Define which installment cycles you wish to offer in your shop (e.g. 2 Cycle, 3 Cycle, 4 Cycle, 5 Cycle, 6 Cycle, 7 Cycle, 8 Cycle, 9 Cycle, 10 Cycle, 11 Cycle, 12 Cycle, 15 Cycle, 18 Cycle, 21 Cycle, 24 Cycle, 36 Cycle etc.,) and click **Save**. The buyer can then choose among these instalment cycles, if they wish to pay in instalments.

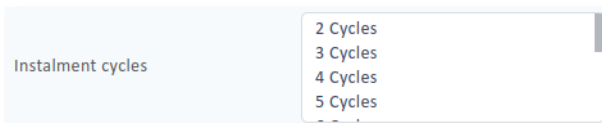


Figure 42

The pre-defined instalment details will be visible for the buyer under the chosen instalment payment method as shown below.

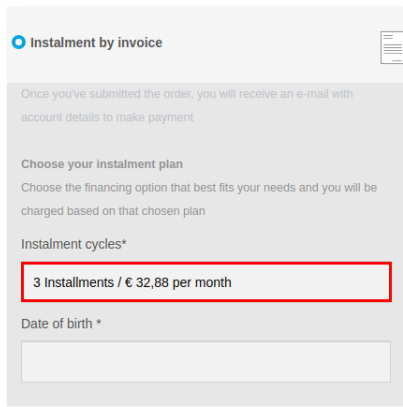


Figure 43

3.2 Additional configuration for Credit Card Payment

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.

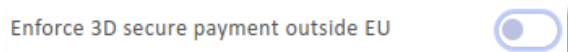


Figure 44

3.3 Additional configuration for Apple Pay Payment

Business Name

This is the text that appears as PAY 'BUSINESS NAME' in the Apple Pay modal payment sheet.

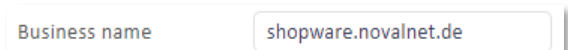


Figure 45

3.4 Additional configuration for Google Pay Payment

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.

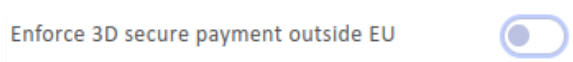


Figure 46

Business name

This is the text that appears as PAY 'BUSINESS NAME' in the Google Pay modal payment sheet.

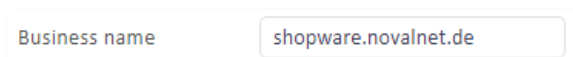


Figure 47

4 MANAGING SHOPWARE ADMIN PANEL

4.1 Order Management

Manage your orders and view their details under **Orders** → **Overview** in your Shopware admin panel as shown below.

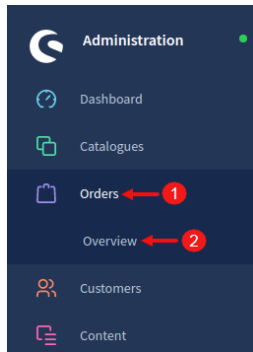


Figure 48

4.2 Transaction overview

Click the order number as shown below.

	Order number ...	Customer name ...	Delivery address ...	Total	Order status ...	Payment status ...	Delivery status ...	
<input type="checkbox"/>	10129	Maier, Norbert	9, hauptstr, 66862 Kaiserslautern	€19.99	● Open	● Paid	● Open	...
<input type="checkbox"/>	10128	Maier, Norbert	9, hauptstr, 66862 Kaiserslautern	€30.07	● Open	● Paid	● Open	...
<input type="checkbox"/>	10127	TEst, Test	9, Hauptstr, 66862 Kaiserslautern	€19.99	● Open	● Paid	● Open	...

Figure 49

You will have a detailed overview of the Novalnet transaction details in the **Additional information** section under the **Details** tab, as shown below.

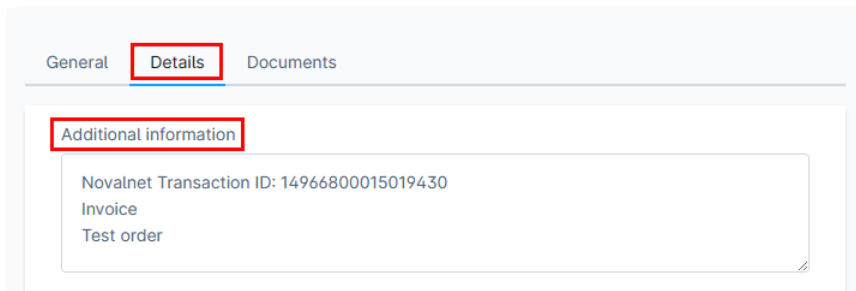


Figure 50

5 UNINSTALLATION

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

Step 1: Navigate to **Extensions** → **My extensions** as shown below.

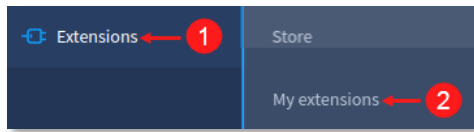


Figure 51

Step 2: Then click  Activated switch to deactivate **Novalnet Payment App** as shown below.

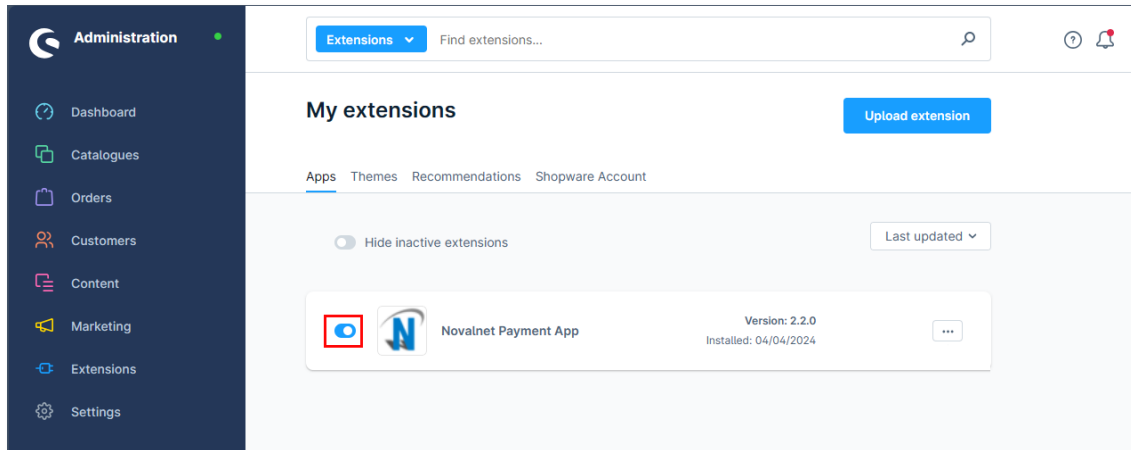


Figure 52

Step 3: To uninstall the Novalnet Payment App, click **Uninstall** as shown below.

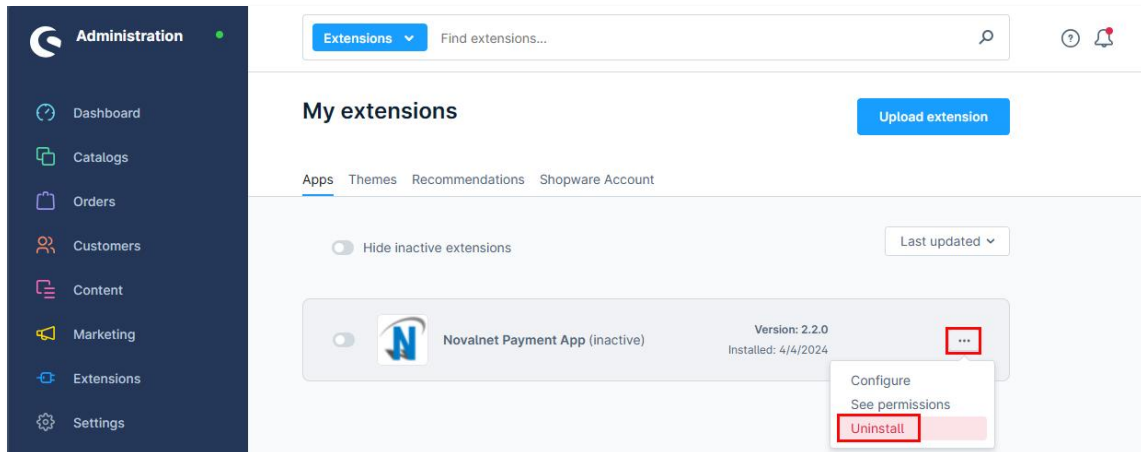


Figure 53

Step 4: Click  switch to **Remove all app data permanently** and click **Uninstall** as shown below.

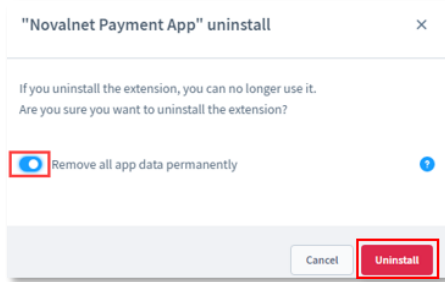


Figure 54

Step 5: To delete the Novalnet Payment App, click **Remove** as shown below.

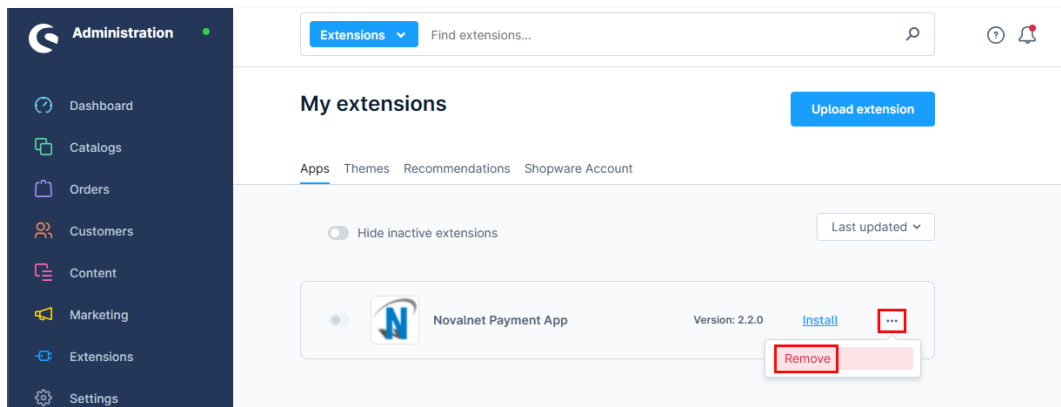


Figure 55

Step 6: In the pop-up notification, click **Remove** as shown below.

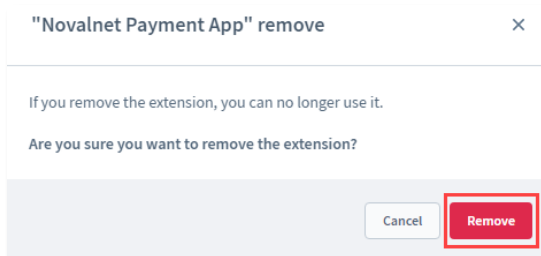


Figure 56

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 app 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 on technic@novalnet.de or call us at +49 89 9230683-19.

Are you happy with our service and support? Please spend a few minutes to share your success [here](#)

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