

User guide Saferpay Extension for Shopware 6



Table of Contents

ABOUT DOCUMENT	3
ABOUT SAFERPAY	4
ABOUT SHOPWARE EXTENSION	4
REQUIREMENTS	5
INSTALLATION	6
CONFIGURATION	8
EXTENSION CONFIGURATION	9
PAYMENT METHOD ACTIVATION	16
JSON API USERNAME AND PASSWORD GENERATION	17
PAYMENT METHOD CONFIGURATION	18
ORDER MANAGEMENT	26
CAPTURE PAYMENT	28
CANCEL PAYMENT	29
REFUND PAYMENT	29
ERROR LOGS	30
SAFERPAY IDEAL	33
SAFERPAY KLARNA	35

ABOUT DOCUMENT

Version No.	Prepared By	Version Changes	Date
V1.0.0	Athira Divakar	Prepared initial document version	06.09.2023
V2.0.0	Athira Divakar, Harold Gomez, Sujatha A, Hakkim PA	Updated about additional payment methods added in the version, widget authorization	08.01.2024
V2.0.1	Syam S Gopal, Vishnu S, ShantyJustus	Compatible with Shopware Version-6.6.3, Compatible with Saferpay JSON API Spec-Version 1.34	14.08.2024
V2.0.2	Syam S Gopal, Vishnu S, ShantyJustus	Version: 2.0.2: October 25, 2024 <ul style="list-style-type: none"> - Compatible with Shopware Version-6.6.3 to 6.6.7 - Added updates of Saferpay JSON API Spec version from 1.34 to 1.42 - Available payments: ALIPAY +, AMERICAN EXPRESS, APPLE PAY, BANCONTACT, CREDIT CARD, DINERS CLUB/DISCOVER, DIRECT DEBIT, EPS, PRZELEWY24, GOOGLE PAY, IDEAL 2.0, JCB, KLARNA, MAESTRO, MASTERCARD, UNIONPAY, PAYDIREKT, PAYPAL, TWINT, VISA, WL CRYPTO PAYMENTS, GIROPAY, POSTFINANCE PAY, CREDIT/DEBIT CARD, ACCOUNT TO ACCOUNT, WECHAT PAY - Remove obsolete Payment methods MYONE, POST FINANCE CARD, POST FINANCE E FINANCE - Added option to display card holder name in card payment form - Implemented Management API to retrieve Logo of payment methods - Implemented Management API to "Auto configure" payment methods 	25.10.2024



ABOUT SAFERPAY

Saferpay is the easy, flexible, secure and comprehensive e-payment solution from Worldline for easier and more secure payment in your online shop.

Worldline [Euronext: WLN] is the European leader in the payments and transactional services industry and #4 player worldwide. With its global reach and its commitment to innovation, Worldline is the technology partner of choice for merchants, banks and third-party acquirers as well as public transport operators, government agencies and industrial companies in all sectors. Powered by over 20,000 employees in more than 50 countries, Worldline provides its clients with sustainable, trusted and secure solutions across the payment value chain, fostering their business growth wherever they are

Worldline since the end of 2018 has been Europe's largest technology partner for banks and merchants. The tailor-made solutions from Worldline include a broad portfolio of payment terminals and the acceptance and processing of national and international payments with credit, debit and prepaid cards as well as the smartphone.

ABOUT SHOPWARE EXTENSION

The extension adds 24 Saferpay payment methods to Shopware administration on install. The payment methods included are:

1. ALIPAY +
2. AMERICAN EXPRESS
3. APPLE PAY
4. BANCONTACT
5. CREDIT CARD
6. DINERS CLUB/DISCOVER
7. DIRECT DEBIT
8. EPS
9. PRZELEWY24
10. GOOGLE PAY

11. IDEAL 2.0
12. JCB
13. KLARNA
14. MAESTRO
15. MASTERCARD
16. UNIONPAY
17. PAYDIREKT
18. PAYPAL
19. TWINT
20. VISA
21. WL CRYPTO PAYMENTS
22. GIROPAY
23. POSTFINANCE PAY
24. CREDIT/DEBIT CARD
25. ACCOUNT TO ACCOUNT
26. WECHAT PAY

Shopware admin may choose the required payment methods from these, activate them and add in sales channel to show them in storefront. Online payments through these payment methods would be handled by Saferpay API.

REQUIREMENTS

To install and configure Saferpay extension in Shopware, the following is required:

- Shopware 6.6.3 to 6.6.7
- License for Saferpay

- A valid Saferpay account with at least one active Saferpay terminal through which payments can be carried out.
- API credentials like Terminal ID, Customer ID, JSON Username and JSON Password for the Saferpay Live/Test environment.
- Valid acceptance agreement for payment methods.

INSTALLATION

To install the extension, follow the steps below:

1. Go to Shopware administration, in the left panel, click on 'Extensions' (Figure: 1) and then click 'My extensions'. In the 'My extensions' page, click on 'Upload extension' button.

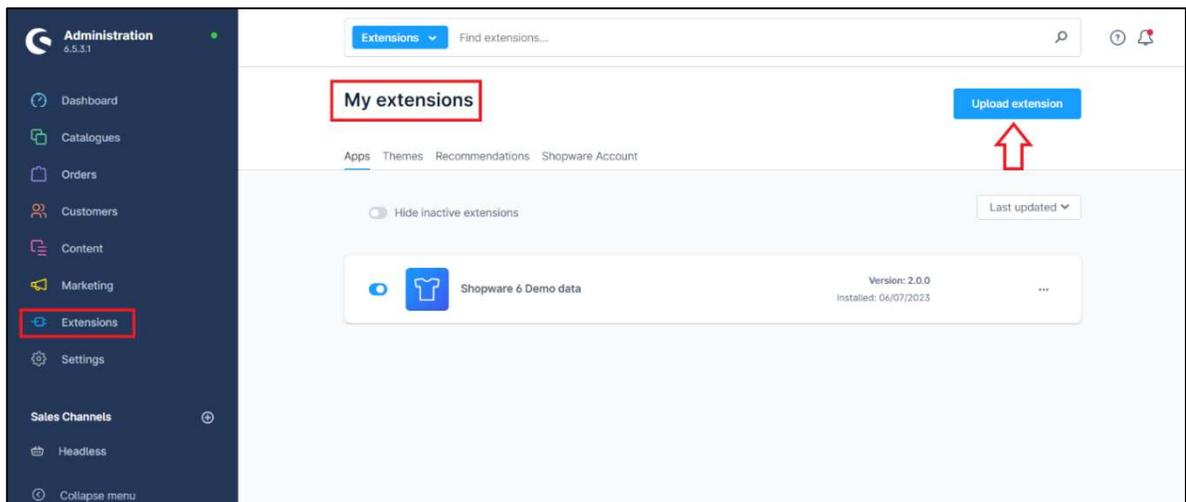


Figure:1

2. Select the extension's zip file from computer location where it was downloaded. The extension will then get uploaded into Shopware instance with a success notification as shown below (Figure:2) and will be listed in the 'Apps' tab of 'My extensions'.

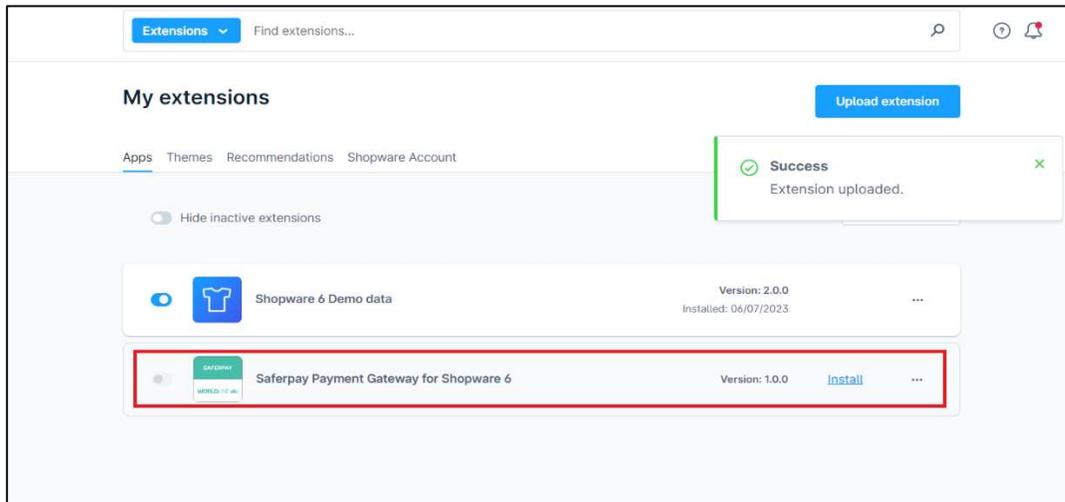


Figure:2

3. Click on 'Install' link (Figure:3) against the extension, Saferpay Payment Gateway for Shopware 6

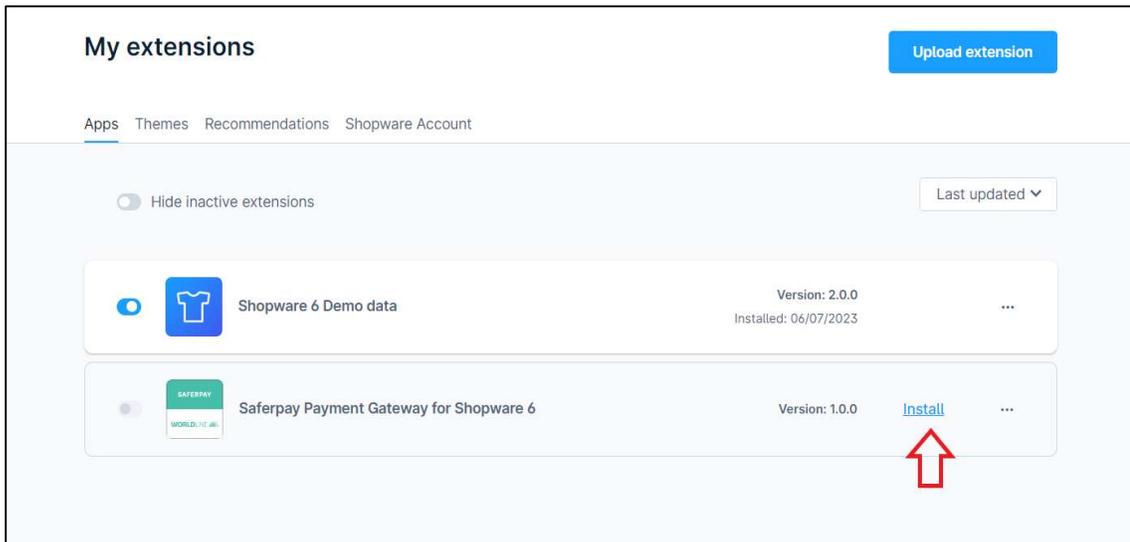


Figure:3

4. After the extension is installed, it is in inactive state at first. Activate by clicking the toggle (Figure:4) button given near the extension.



Figure:4

CONFIGURATION

Before using the payment methods in storefront, configure the mode, Saferpay account Api details in the extension. For that, click on 'Configure' (Figure:5) in the options of the extension.

The general settings which are applicable for all payment methods are managed in configure page of the extension. Payment method specific configurations can be made in Settings > Shop > Payment Methods.

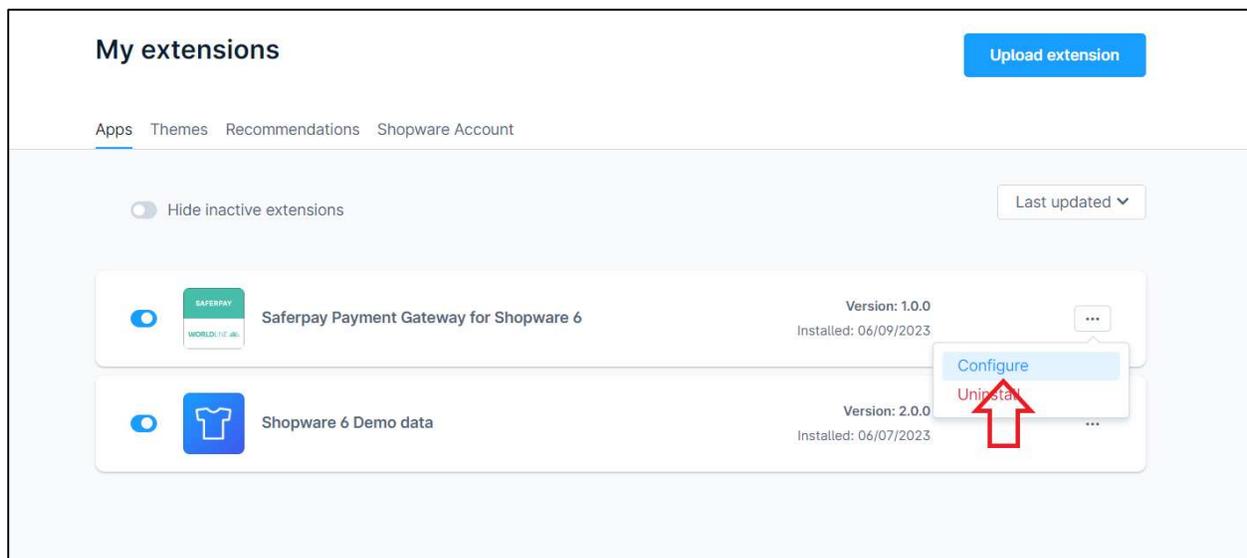


Figure:5

EXTENSION CONFIGURATION

1. **Sales Channel:** In the configuration page of the extension, select the sales channel for which the configuration should be applied. If 'All Sales Channels' is selected (Figure:6) the configuration will be saved for all sales channels. If a particular sales channel needs to be configured differently the sales channel can be selected and then the configurations done will be saved for only that sales channel.
2. **Auto Configure:** Payment methods can be configured automatically by using the "Auto Configure" button. Before doing so, ensure that all basic configurations are completed. When you click the Auto Configure button, it will check the available payment methods in your Saferpay account. After this process, you can navigate to Settings -> Payment Methods to enable or disable specific payment options or modify their configurations as needed.
3. **Saferpay JSON API Spec Version:** Current API Spec version. This gives information about technical features, modifications and enhancements that are integrated
4. **Operation Mode:** Under general settings, select the operation mode as either 'Test' or 'Live'.

All ▾ Find products, customers, orders... 🔍

← Back

 **Saferpay Payment Gateway for Shopware 6** by PIT Solutions Save

Sales Channel

All Sales Channels ▾

General Settings

Saferpay JSON API Spec-Version

1.41

Auto Configure Button ?

Auto Configure

Operation Mode ?

Test ▾

Saferpay License ?

Saferpay eCommerce ▾

Figure:6

5. **Saferpay License:** Here you can save the license as Saferpay eCommerce or Saferpay Business. (Figure:7)

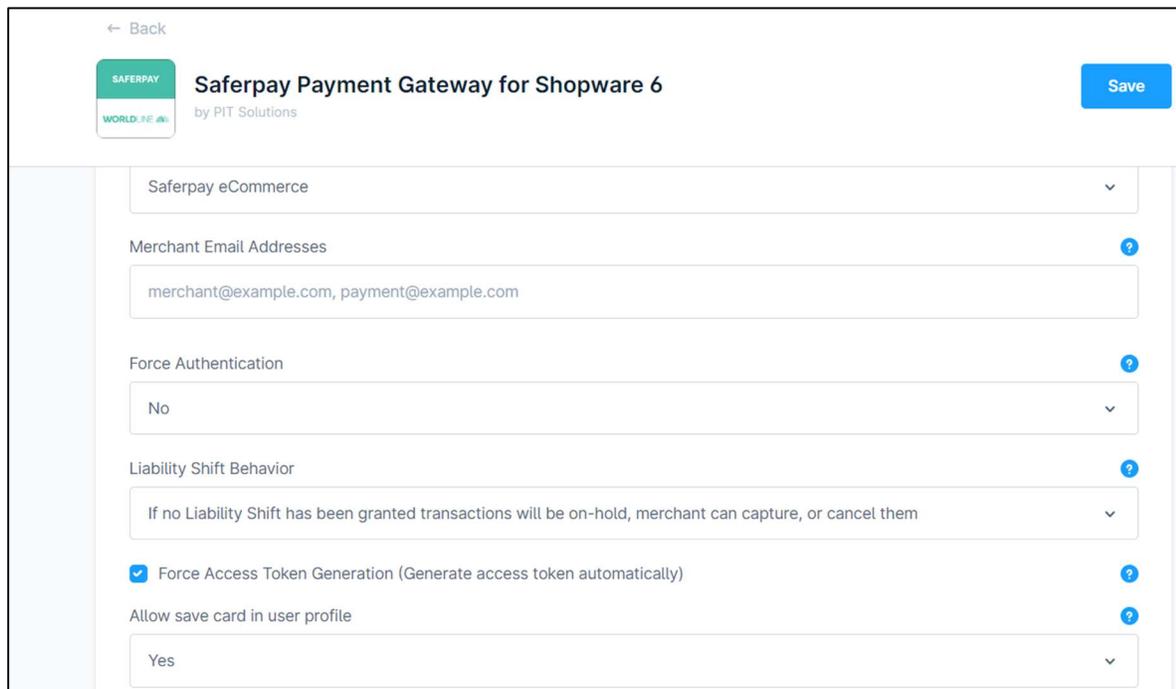
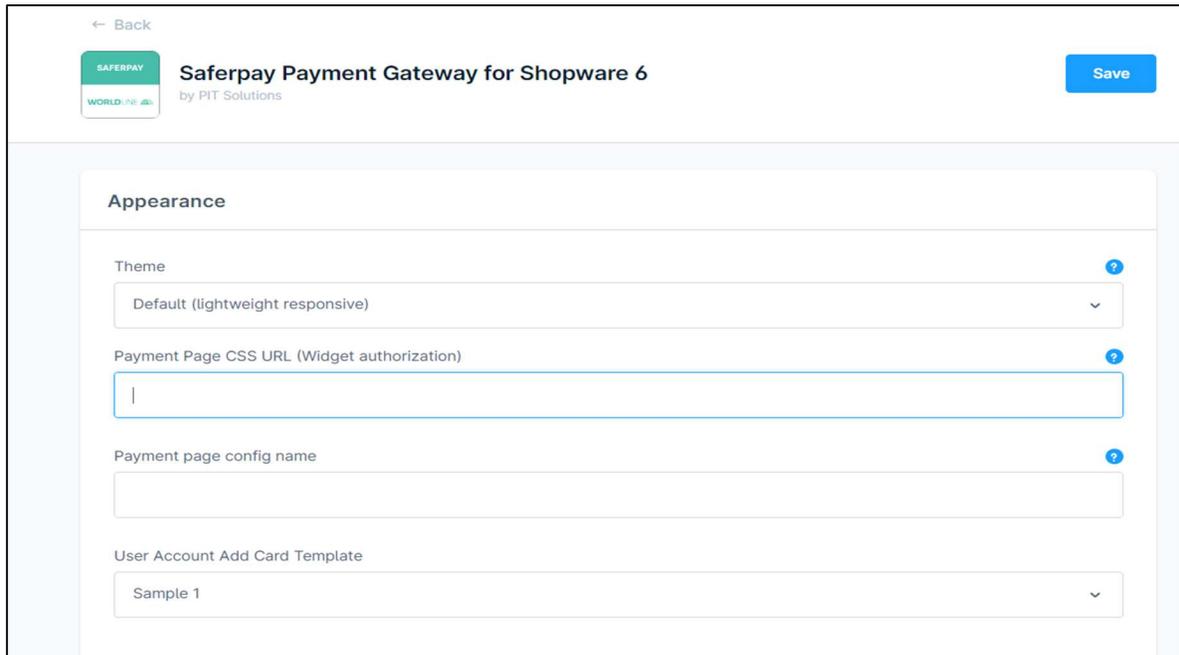


Figure:7

6. **Merchant Email Addresses:** In this configuration, you can add email addresses comma separated. After a successful transaction the email addresses will receive an email with Saferpay transaction details.
7. **Force Authentication:** Here you can select Yes or No if you want force authentication feature enabled or not. If your shop handles high risk businesses like Jewellery, Electronics etc. it is recommended to set this configuration as 'Yes'.
8. **Liability Shift Behaviour:** This configuration determines how to handle the transactions if a fraudulent card is used on the website. When we use this functionality, the liability shifts to the authorizing bank and the shop owner receives no claim for any chargeback. It has two options:
 - Option A: "If no liability shift has been granted transaction will be on-hold, merchant can capture or cancel transaction". Here order placed via fraudulent card will be unconfirmed and merchant can capture or cancel transaction accordingly.

- Option B: "If no liability shift has been granted transactions will be auto cancelled". Here order placed via fraudulent card will be cancelled.
 - Option C: "All transactions are captured automatically, including those without a granted liability shift".
9. **Force Access Token Generation (Generate access token automatically):** This is a checkbox to decide whether to generate the access token automatically. By checking the checkbox, we enable the automatic generation of the access token.
10. **Allow save card in user profile:** Here you can select "Yes" or "No" to allow saving the card in the user profile.
11. **Is User required to re-enter his CVC, when using a saved card:** This setting determines if the user must re-enter their CVC when using a saved card.



The screenshot displays the configuration interface for the Saferpay Payment Gateway for Shopware 6. At the top left, there is a 'Back' link. The header includes the Saferpay logo, the text 'Saferpay Payment Gateway for Shopware 6 by PIT Solutions', and a 'Save' button. The main content area is titled 'Appearance' and contains four configuration fields:

- Theme:** A dropdown menu currently set to 'Default (lightweight responsive)'.
- Payment Page CSS URL (Widget authorization):** An empty text input field.
- Payment page config name:** An empty text input field.
- User Account Add Card Template:** A dropdown menu currently set to 'Sample 1'.

Figure:8

12. **Theme:** Under Appearance, the configurations that determine the appearance of the payment page can be configured. Theme can be chosen to be 'Default (lightweight responsive)', 'Six' or 'None'. (Figure:8)

13. **Payment Page CSS URL (Widget authorization) :** Enter a valid CSS URL which is included in the payment page. This file must be hosted on an SSL/TLS secured web server (the URL must start with https://) Example:
https://merchanthost/merchant.css.

Refer <https://saferpay.github.io/sndbx/CssiFrame.html> for more details.

14. **Payment page config name:** In Saferpay backoffice, under Settings > Payment Page Configuration, user can create custom styles to manage the look and feel of payment page. Once such a configuration is created in Saferpay backoffice, the same can be applied in the shop's payment page by adding the name of the configuration in this configuration of the extension.

15. **User Account Add Card Template:** This is a select field with four templates. You can select which template to use for the "Add card" form in the "Saved card" section of the user account. All the templates serve the same purpose, with only design changes.

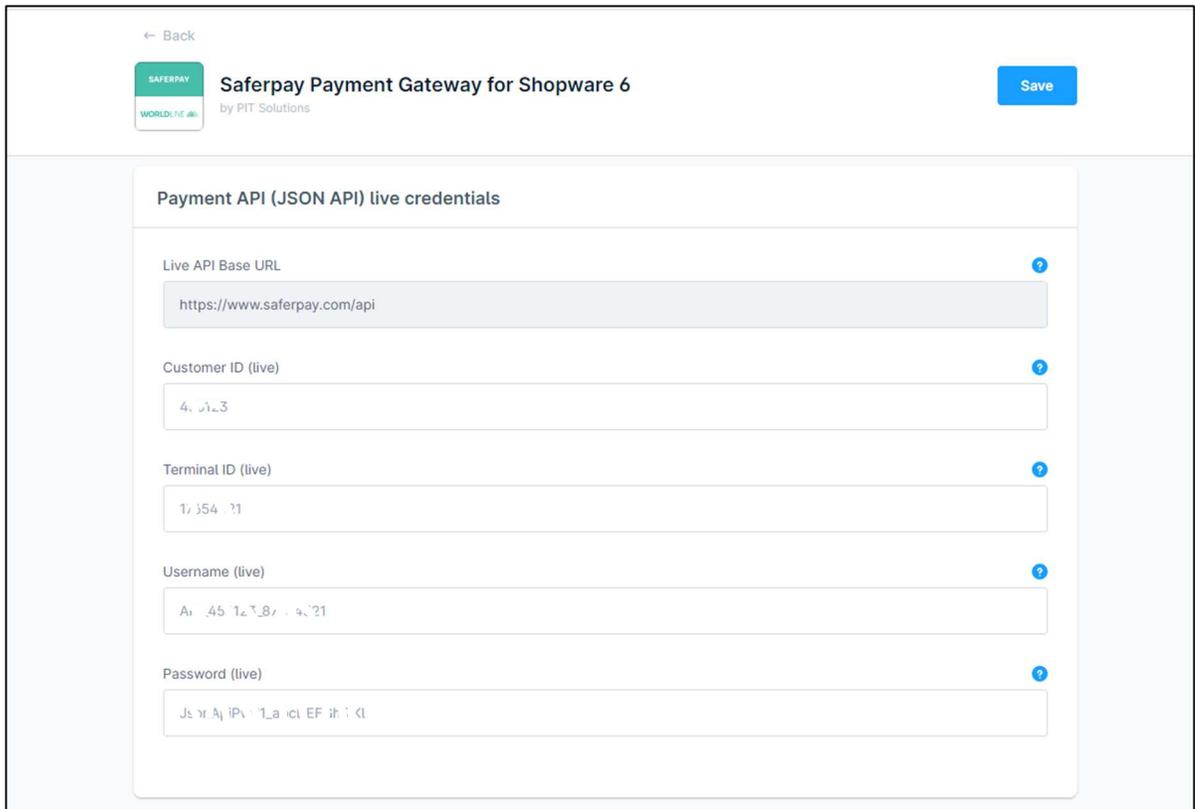
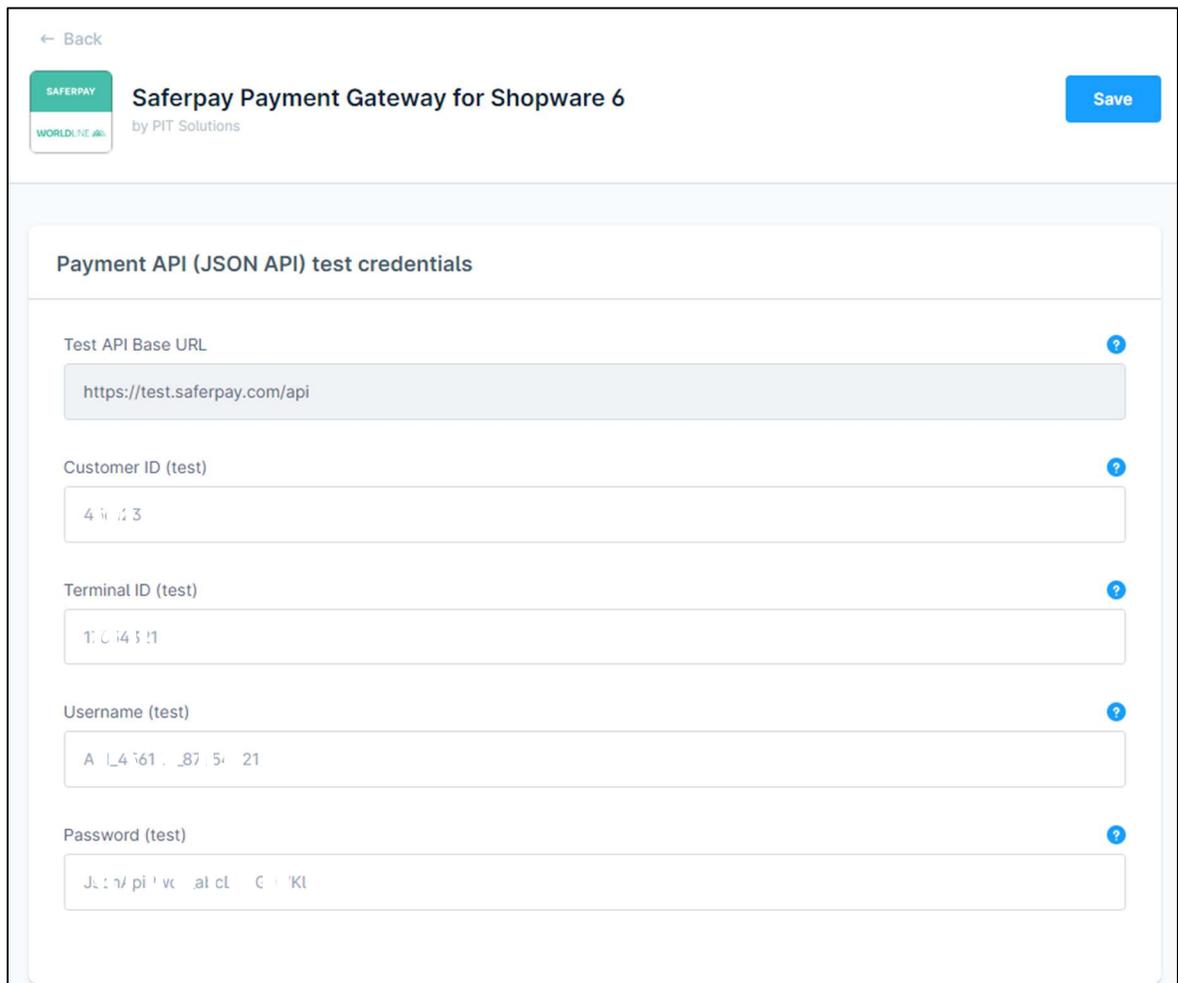


Figure:9

16. **Live API Base URL:** The base url for sending api requests to Saferpay in live operation mode. (Figure:9)
17. **Customer ID (live), Terminal ID (live), Username (live), Password (live):** In these fields enter the live credentials provided by Saferpay. If the operation mode is 'Live', these credentials will be sent in the Api request to Saferpay.



← Back

SAFERPAY **Saferpay Payment Gateway for Shopware 6** **Save**
by PIT Solutions

Payment API (JSON API) test credentials

Test API Base URL ?

Customer ID (test) ?

Terminal ID (test) ?

Username (test) ?

Password (test) ?

Figure:10

18. **Test API Base URL:** This is the base url used in test mode of the extension.

19. **Customer ID (test), Terminal ID (test), Username (test), Password (test):** When the extension is configured in 'Test' operation mode, the values in these fields will be sent in Api request to Saferpay. For more information on test account check the [link](#). (Figure:10)

After completing the configurations, click on 'Save' button on the top right corner.

PAYMENT METHOD ACTIVATION

By default, when the payment methods are installed with the extension, they are in inactive status. Users can choose the payment methods to be activated from the list of the payment methods. (Figure:11)

To activate required payment methods, go to Settings > Shop > Payment Methods. This page lists all the payment methods in the shop including the default payment methods of Shopware. To identify the payment methods added using the Saferpay extension, there is the name of the extension appended to the payment method, like below.



Figure:11

The payment method can be activated by clicking on the toggle button against the payment method. (Figure:12)



Figure:12

After activating the payment methods, they need to be added to the sales channel too for the payment method to be displayed in the storefront. To add payment method to sales channel, select the sales channel from left administration panel, scroll down to 'Payment and Shipping' section. (Figure:13)

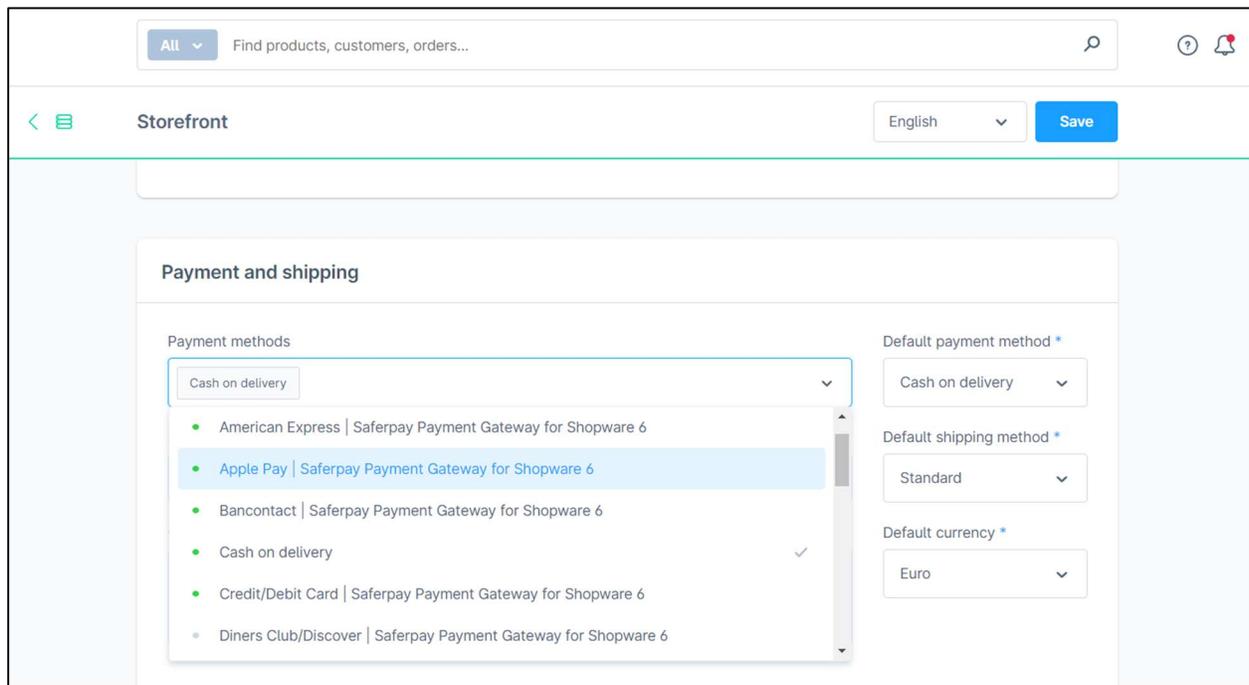


Figure:13

Select the payment methods to show in the storefront in 'Payment methods'. Active and inactive payment methods will be listed here, active ones will have a green dot near them to identify among others. If you would like to set a payment method as default payment method, it can be selected in 'Default payment method'. The payment method selected here would be on top in the checkout page and selected by default the first time a user tries to checkout. Afterwards his/her recent payment method would be selected by default.

Even if you select an inactive payment method by mistake, a notice in blue colour will be shown above Payment methods saying that the payment method is not available. They won't show in the storefront too if inactive.

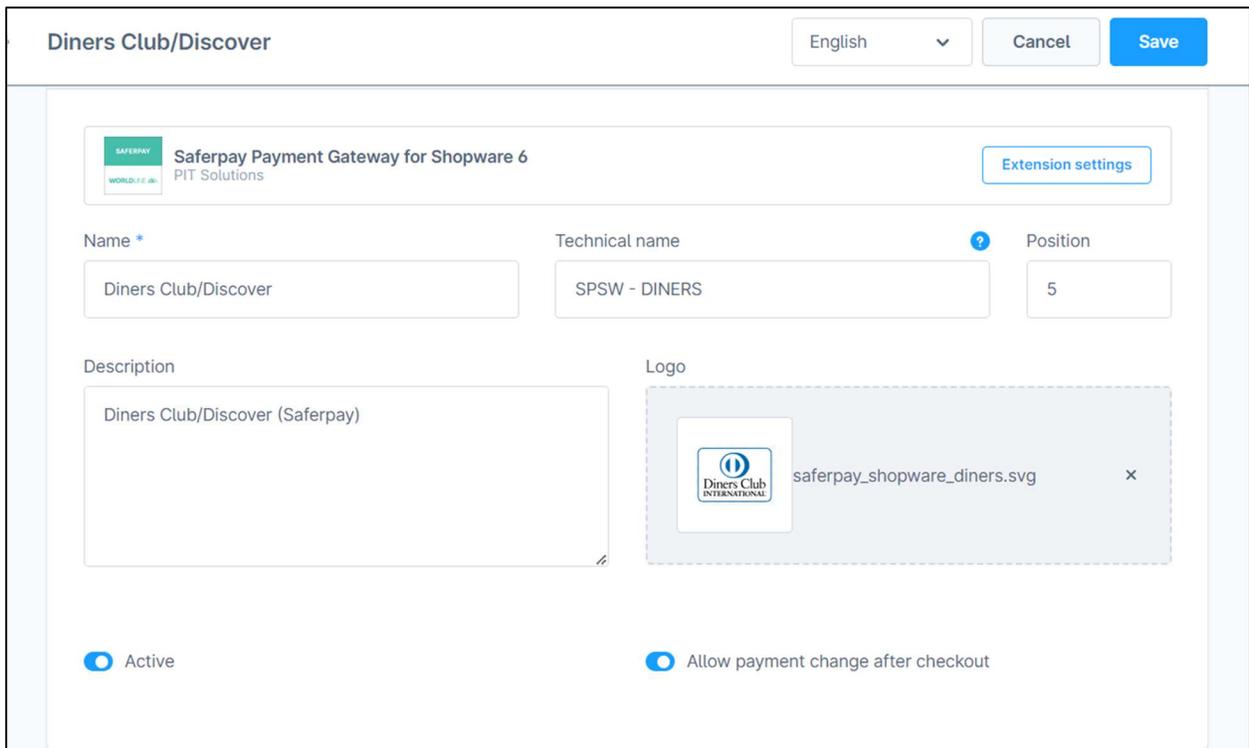
JSON API USERNAME AND PASSWORD GENERATION

To create JSON API username and password, you have to login to Saferpay management interface (Saferpay Backoffice) and go to Settings > JSON API basic authentication.

Please refer <https://worldline.com/en-ch/home/top-navigation/developers/e-commerce-developer/integration.html> for more information.

PAYMENT METHOD CONFIGURATION

Payment method specific configurations can be done in Settings > Shop > Payment Methods. Select the payment method to configure, click on 'Edit details'.



The screenshot shows the configuration page for the 'Diners Club/Discover' payment method. At the top, there is a header with the title 'Diners Club/Discover', a language dropdown set to 'English', and 'Cancel' and 'Save' buttons. Below the header, the 'Saferpay Payment Gateway for Shopware 6' logo and 'PIT Solutions' are displayed, along with an 'Extension settings' button. The main configuration area includes several fields: 'Name *' (Diners Club/Discover), 'Technical name' (SPSW - DINERS), and 'Position' (5). There is also a 'Description' field containing 'Diners Club/Discover (Saferpay)'. A 'Logo' section shows a preview of the Diners Club International logo with the filename 'saferpay_shopware_diners.svg'. At the bottom, there are two toggle switches: 'Active' (checked) and 'Allow payment change after checkout' (checked).

Figure:14

1. **Name:** The name in which the payment method should be displayed in the storefront.
2. **Technical name:** The technical name field is to give the payment method a unique reference.
3. **Position:** In Position field, you can specify a number to show the payment methods in particular order. If three payment methods are there, first with -1, second with 0, third with 1 value, then the payment methods will be displayed in checkout page

based on the numeric value of the position entered for them. In this case it will be first, second and third respectively.

4. **Description:** Text description for the payment method.
5. **Logo:** Logo to be displayed in the storefront along with the payment method.
6. **Active:** The status of the payment method can be modified in details page too.
7. **Allow payment change after checkout:** If this configuration is enabled, customers can change the payment method after order completion within the customer account under Orders. If it is deactivated for a payment type, your customer can no longer select this payment type when changing the payment type after completing an order. (Figure:15)

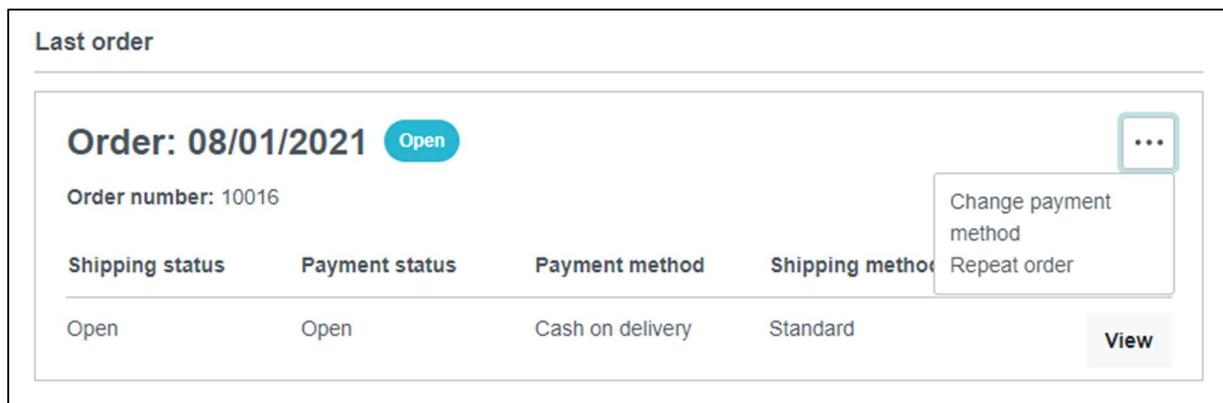


Figure:15

8. **Availability Rule:** Availability Rule is a Shopware feature added for a payment method by default. Here you can mention an additional rule for the payment method to be displayed in storefront. (Figure:16)

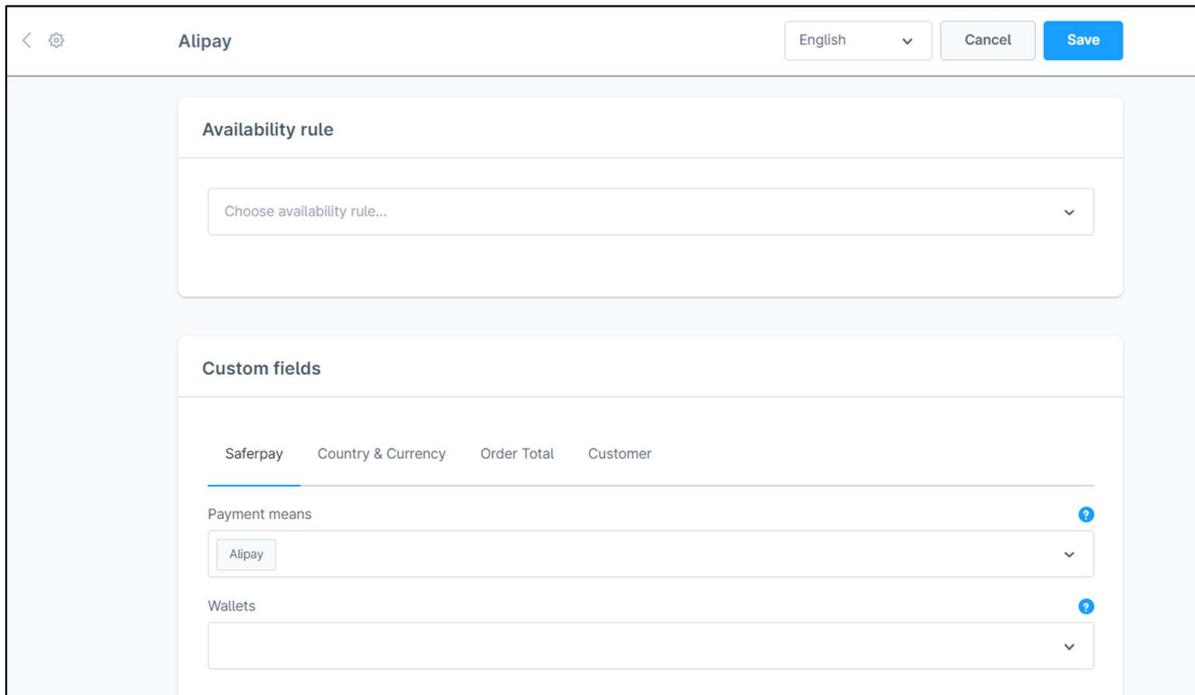


Figure:16

9. **Custom Fields:** These are payment method specific settings that can be added for further customization. The Saferpay extension adds some custom fields for payment methods upon installation. (Figure:17)

9.1 Saferpay: This custom field set has two custom fields 'Payment Means' and 'Wallets'. For general payment methods, one value will be selected in either of the two custom fields. In case of credit/debit payment method, multiple custom field values may be present. It is advised not to change the custom field values for the smooth functioning of the extension and hence the fields are made non editable.

9.2 Country & Currency: This custom field set consists of Country and Currency custom fields. If the payment method must be availed in all countries, leave the country field blank. If the payment method must be enabled only in a selected country, it can be selected in the Country field.

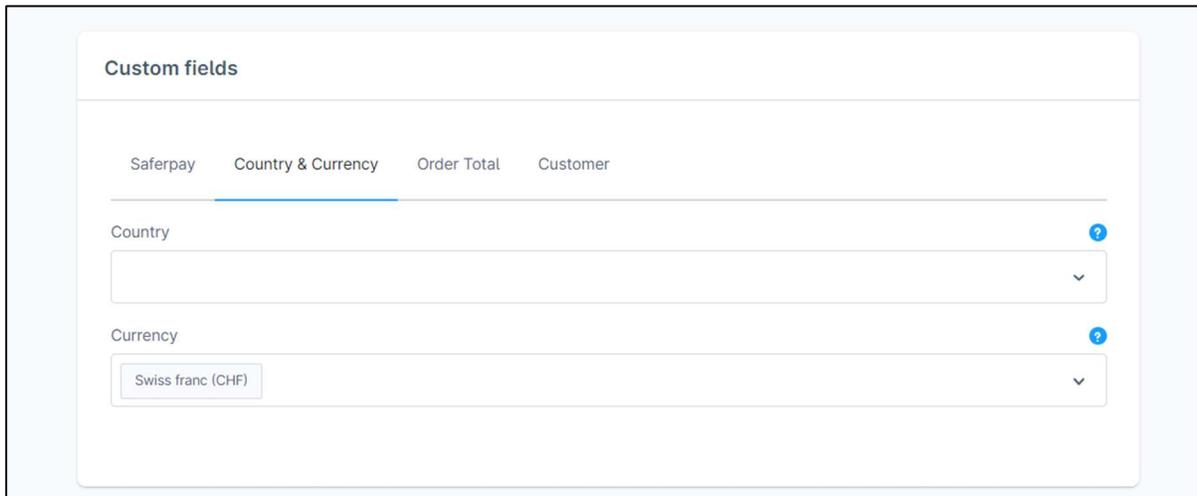


Figure:17

All payment methods are not available for all currencies. In Saferpay backoffice this availability can be seen in Settings > Payment Means/Terminals. By default, in the extension, the currency availability of the payment method is checked with Saferpay backoffice while adding currency field configuration value above. So the values are preselected in the select field of currency based on their actual availability for those payment methods.

9.3 Order Total: This custom field set consists of Minimal Order Total and Maximum Order Total. When the minimal order total is set to \$20 and the order total in cart is \$10, the payment method will not be displayed. Similarly, when maximum order total is \$20 and the order total in cart is \$30, the payment method will not be displayed in checkout page of storefront. (Figure:18)

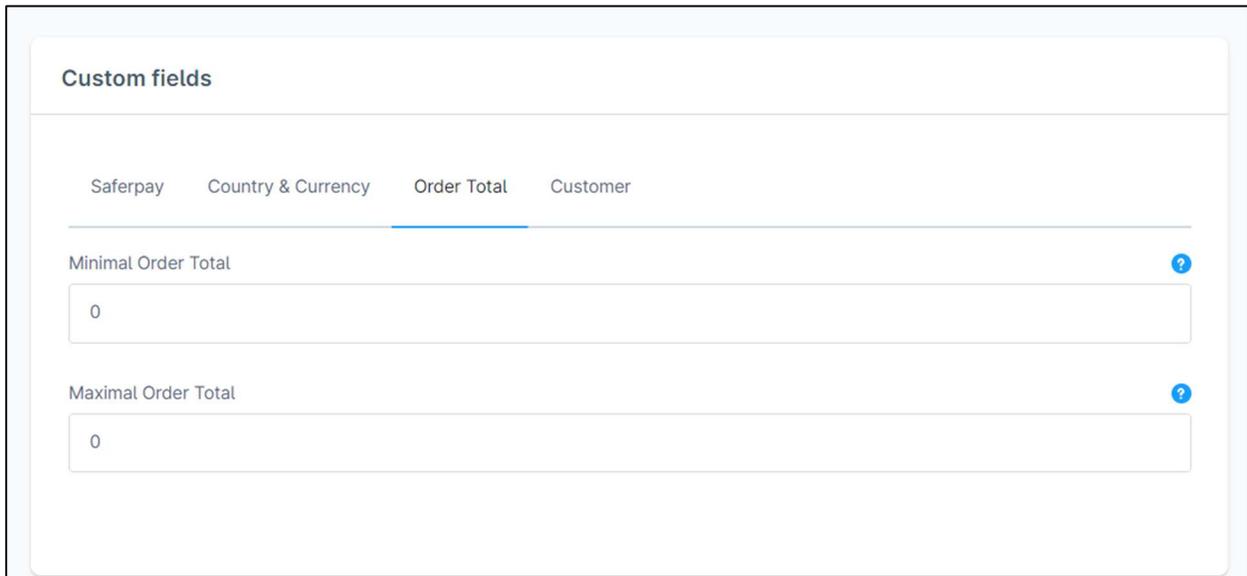
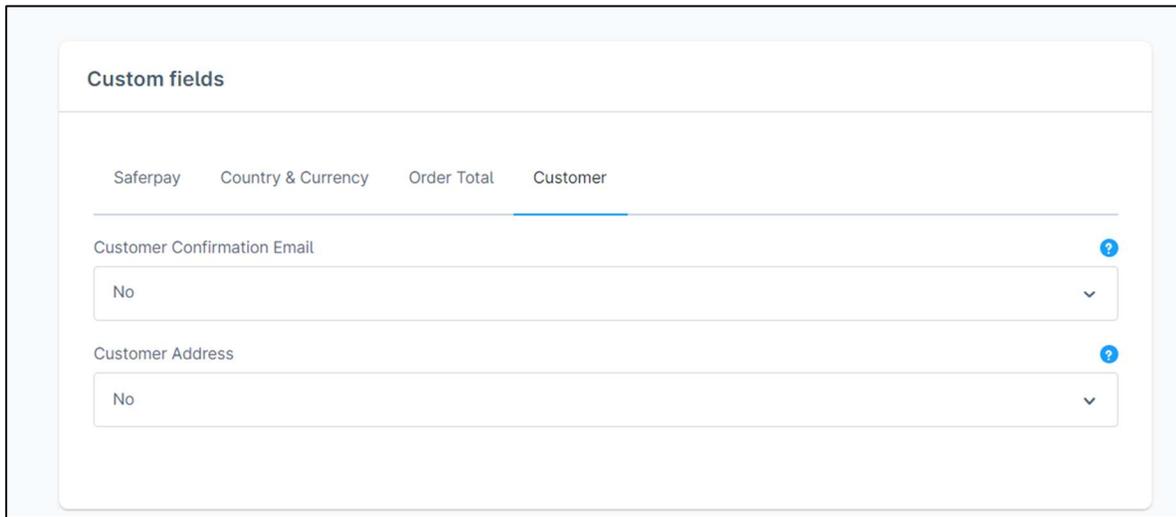


Figure:18

9.4 Customer: This custom field set consists of customer confirmation email and customer address fields. (Figure:19) When customer confirmation email is set to 'Yes', after a successful transaction, an email will be sent to the customer's email address with the transaction details. If a customer's address is sent to Saferpay in a transaction, in Saferpay backoffice journal, the address will be visible in the transaction details. Customer address has four options.

- a) None – customer's billing and shipping address will not be sent to Saferpay,
- b) Send delivery address – customer's delivery address will be sent to Saferpay,
- c) Send billing address – customer's billing address will be sent to Saferpay,
- d) Send both billing and shipping – customer's billing and shipping addresses will be sent to Saferpay.



Custom fields

Saferpay Country & Currency Order Total **Customer**

Customer Confirmation Email ?

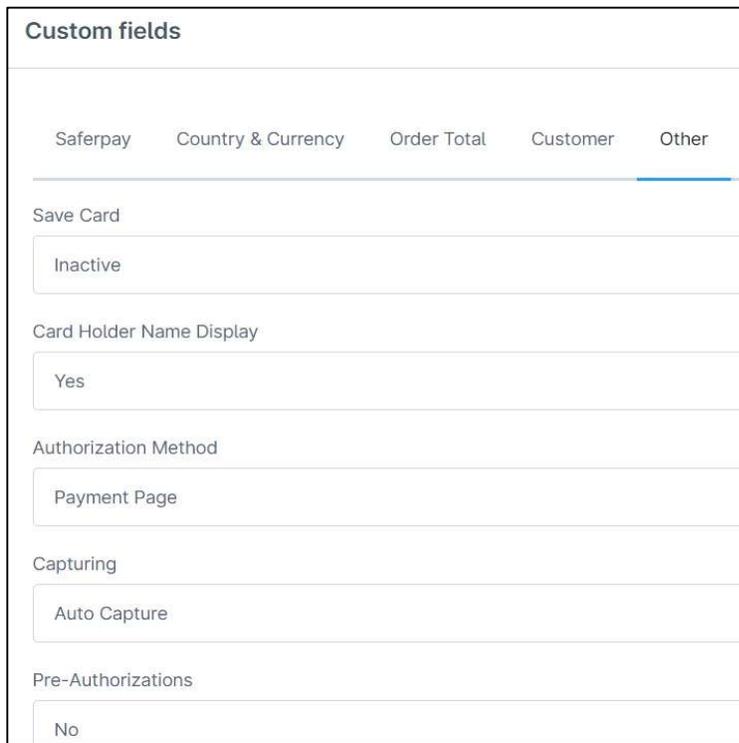
No ▾

Customer Address ?

No ▾

Figure:19

The above four custom fields are available for all payment methods. There are some additional custom fields which are only available for few payment methods. They are listed below:



Custom fields

Saferpay Country & Currency Order Total Customer **Other**

Save Card

Inactive

Card Holder Name Display

Yes

Authorization Method

Payment Page

Capturing

Auto Capture

Pre-Authorizations

No

Figure:20

9.5 Other: This custom field set consists of custom fields that are specific to some payment methods. (Figure:20)

9.5.1 Pre-Authorizations: It extends the validity of an authorization up to 30 days. If it is set to YES only, Manual Capture option will be possible under Capturing settings.

9.5.2 Capturing: Here you can set capturing mode. If it is set as Manual Capture amount is only reserved and you should capture it manually through Shopware administration - Orders. If it is set as Auto Capture amount is captured automatically. **Note:** Auto Capture is not possible if Pre-Authorizations is set to **YES**

9.5.3 Authorization Method: Here you can set authorization method used for payment processing. Two options are available under these settings.

A) Payment Page – During the order processing user will be redirected from the Shopware store to the Saferpay payment gateway interface to process the payment. On successful completion of the payment the user will be redirected back to the Shopware store. The Saferpay Payment Page Interface is intended for a simplified and universal integration of the payment process by using the Payment Page form. The Saferpay Payment Page can be used both with a Saferpay eCommerce license and with a Saferpay Business licence.

B) Widget Authorization – During the order processing the user is served with Saferpay payment forms in a popup within the Shopware store. (Figure:21) The Widget Authorization (Transaction Interface) is an extension to Payment Page Interface. It offers the Hosted Entry Form (HEF) to process card payments seamlessly. **The Widget Authorization is only for holders of a business license on the live system.**

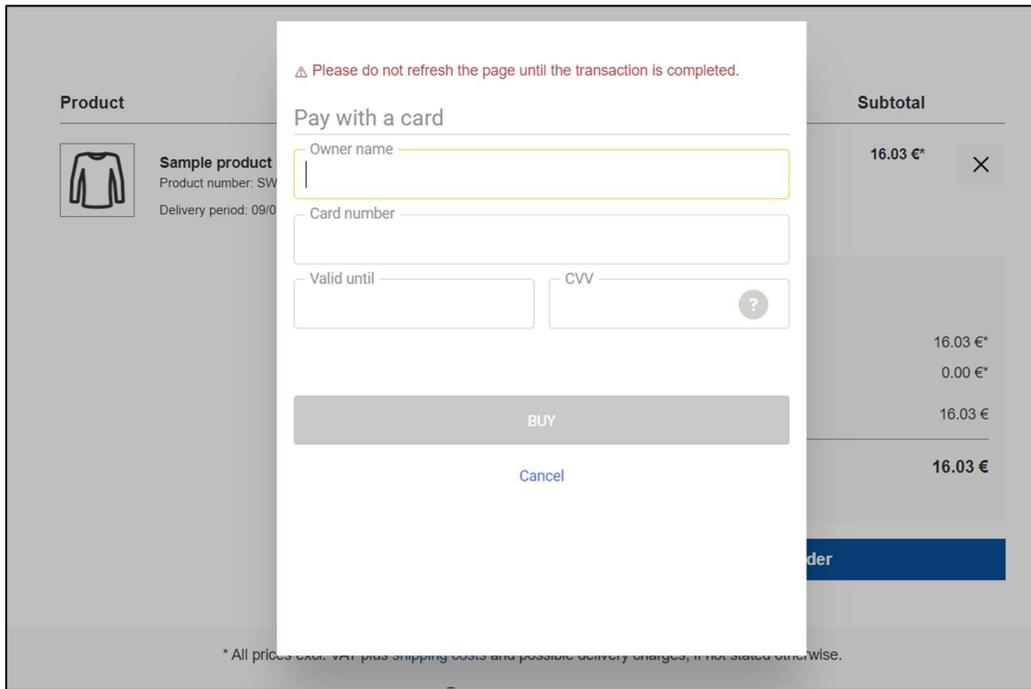
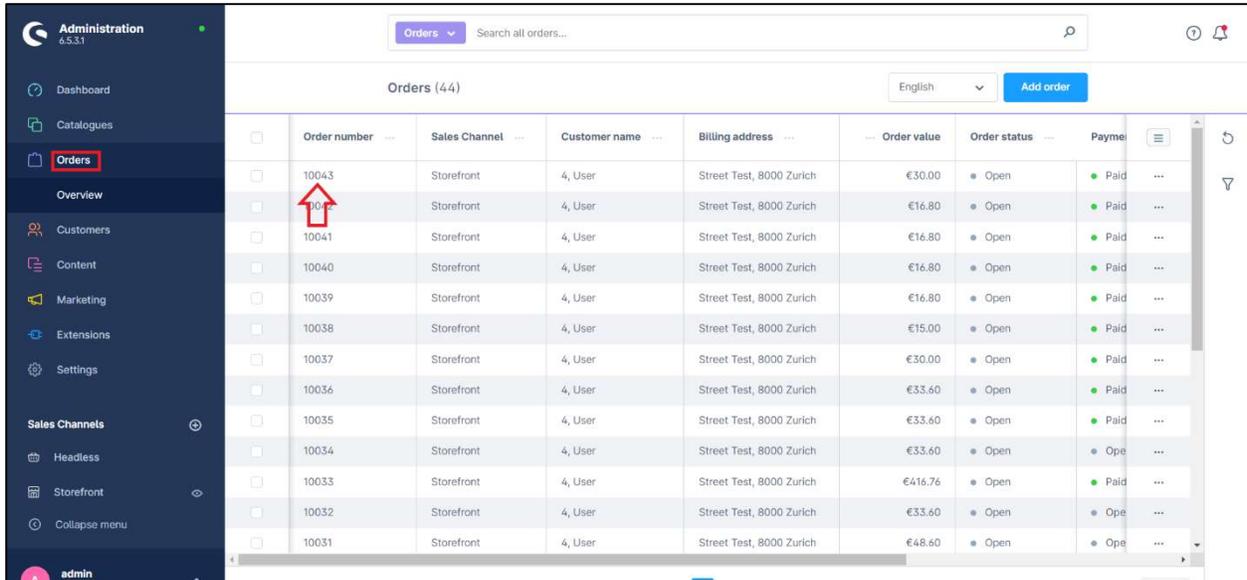


Figure:21

9.5.4 Card Holder Name Display: This setting lets you customize the holder name field on the card entry form.

ORDER MANAGEMENT

Orders list can be accessed in Shopware from left administration panel.



	Order number	Sales Channel	Customer name	Billing address	Order value	Order status	Payment
<input type="checkbox"/>	10043	Storefront	4, User	Street Test, 8000 Zurich	€30.00	Open	Paid
<input type="checkbox"/>	10041	Storefront	4, User	Street Test, 8000 Zurich	€16.80	Open	Paid
<input type="checkbox"/>	10041	Storefront	4, User	Street Test, 8000 Zurich	€16.80	Open	Paid
<input type="checkbox"/>	10040	Storefront	4, User	Street Test, 8000 Zurich	€16.80	Open	Paid
<input type="checkbox"/>	10039	Storefront	4, User	Street Test, 8000 Zurich	€16.80	Open	Paid
<input type="checkbox"/>	10038	Storefront	4, User	Street Test, 8000 Zurich	€15.00	Open	Paid
<input type="checkbox"/>	10037	Storefront	4, User	Street Test, 8000 Zurich	€30.00	Open	Paid
<input type="checkbox"/>	10036	Storefront	4, User	Street Test, 8000 Zurich	€33.60	Open	Paid
<input type="checkbox"/>	10035	Storefront	4, User	Street Test, 8000 Zurich	€33.60	Open	Paid
<input type="checkbox"/>	10034	Storefront	4, User	Street Test, 8000 Zurich	€33.60	Open	Open
<input type="checkbox"/>	10033	Storefront	4, User	Street Test, 8000 Zurich	€416.76	Open	Paid
<input type="checkbox"/>	10032	Storefront	4, User	Street Test, 8000 Zurich	€33.60	Open	Open
<input type="checkbox"/>	10031	Storefront	4, User	Street Test, 8000 Zurich	€48.60	Open	Open

Figure : 22

Click on the order number to view the details of any order. (Figure:22) Order details display three tabs by default – General, Details and Documents. These are managed by Shopware. An additional tab called 'Saferpay' will be displayed after Saferpay extension is installed.

Order 10043

English
Cancel
Save

General
Details
Documents
Saferpay



Transaction Tab

Saferpay Token :	83dktz6myja21knq9nhv8qj59
Saferpay Customer ID :	01894491b7f0706291f76f15b6a9f95d
Transaction Type :	PAYMENT
Authorization Type :	PaymentPage
Authorization Method :	PaymentPage
Transaction Mode :	false
Language Code :	en-GB
Payment Method :	AMEX
Authorization Amount :	30
Transaction ID :	0189b120bb477128b472267f2e739b6f
Currency :	EUR
Acquirer Name :	American Express Saferpay Test
Acquirer Reference :	42535758454
Six Transaction Reference :	0:0:3:8hCGYSbYbdjjUAA96xY4A8QnhI2b
Approval Code :	790000
Recurring Transaction :	false
TransactionStamp :	420718745058736
Saferpay Payment Method :	AMEX
Card Number :	xxxxxxxxxxxx0008
Saferpay Expiry Year :	2034
Saferpay Expiry Month :	12
Saferpay Card Country :	
Saferpay Holder Name :	User Local
Alias Registered :	false
Overall Liability Shift :	true
Liabe Entity :	THREEDS
3DS Authentication :	true
DCC Status :	false
DCC Amount :	
DCC Currency :	
Transaction paid :	false
Transaction authorized :	true
Active :	true
Capture Id :	3j82WQA2WAA1SAW5zOriAOOpfAfA_c
Captured Amount :	30

Transaction History

Transaction Status	Transaction Date
INITIALIZE	2023-08-01T12:44:26.556+00:00
AUTHORIZED	2023-08-01T12:44:38.130+00:00
CAPTURED	2023-08-01T12:44:41.544+00:00

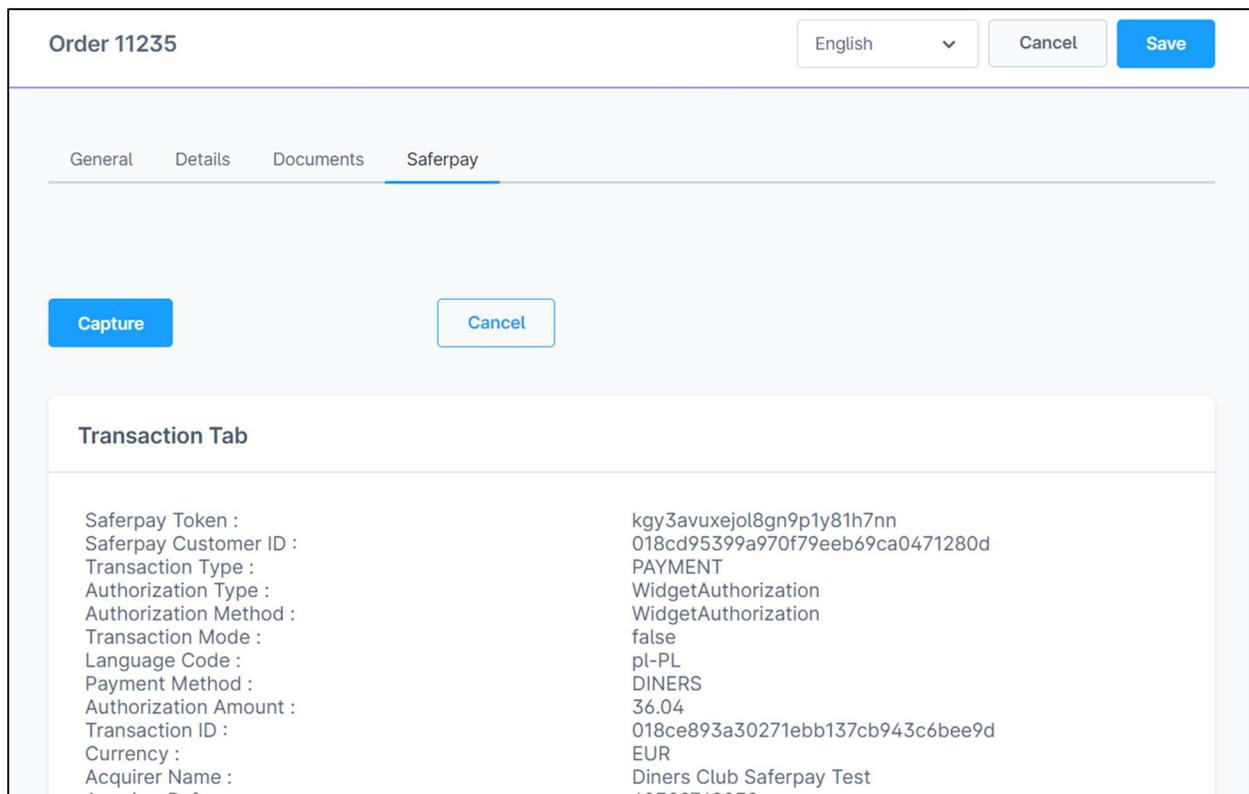
Figure : 23

This tab displays the transaction details card and transaction history card. (Figure:23) Transaction details display the values returned from Saferpay as response in Api calls

during a transaction. Transaction history displays all the api call transaction statuses during the payment process.

CAPTURE PAYMENT

In the payment method configuration, if “Capturing” is set to “Auto Capture”, the merchant doesn’t need to do anything from the Shopware administration. Payments will be captured automatically by the system. When the “Capturing” is set to “Manual Capture”, the merchant will have the option to Capture or Cancel transactions. If we click Capture, the transaction will be captured after confirmation. (Figure:24)



Order 11235

English

General Details Documents **Saferpay**

Transaction Tab

Saferpay Token :	kgY3avuxej0l8gn9p1y81h7nn
Saferpay Customer ID :	018cd95399a970f79eeb69ca0471280d
Transaction Type :	PAYMENT
Authorization Type :	WidgetAuthorization
Authorization Method :	WidgetAuthorization
Transaction Mode :	false
Language Code :	pl-PL
Payment Method :	DINERS
Authorization Amount :	36.04
Transaction ID :	018ce893a30271ebb137cb943c6bee9d
Currency :	EUR
Acquirer Name :	Diners Club Saferpay Test

Figure : 24

CANCEL PAYMENT

Only authorized, but not captured orders can be cancelled. Cancellation of order prevents any future change from being made to it. If we click CANCEL, the transaction will be cancelled after confirmation.

Note: For a payment to be captured/cancelled manually, it must be in 'Unconfirmed' payment status. (Figure:25)

Order value	Order status	Payment status	Delivery status	Order date	
€19.99	● Open	● Unconfirmed	● Open	2 minutes ago	...
€30.00	● Open	● Paid	● Open	1 August 2023 at 12	...
€16.80	● Open	● Paid	● Open	1 August 2023 at 10	...

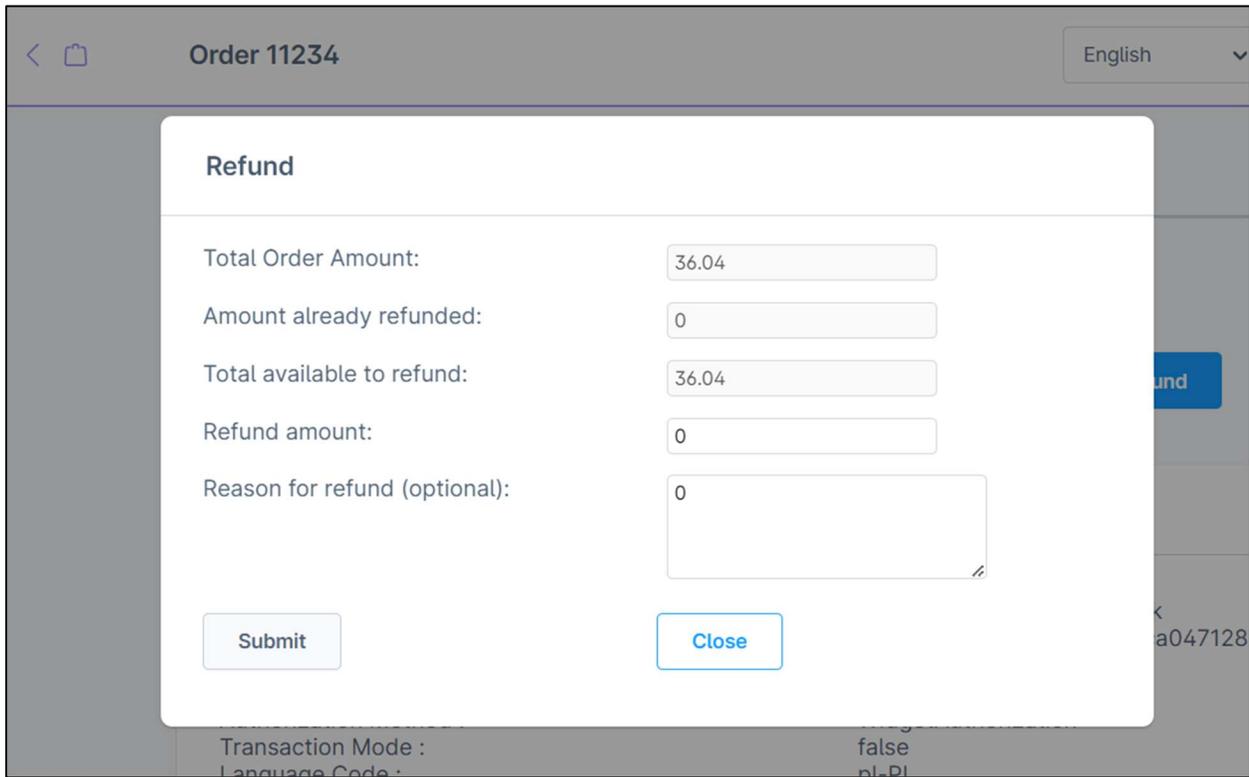
Figure:25

REFUND PAYMENT

Just like Saferpay transactions, you can also manage the Saferpay refund transactions. Saferpay refund will only be available if transactions are captured properly. If transactions are not captured click 'Capture' button available in transaction tab, then only Saferpay refund button will be enabled. Admin should have to do manual refund, restock of Refunded items should be done manually. (Figure:26 & 27)



Figure:26



Order 11234

English

Refund

Total Order Amount:	<input type="text" value="36.04"/>
Amount already refunded:	<input type="text" value="0"/>
Total available to refund:	<input type="text" value="36.04"/>
Refund amount:	<input type="text" value="0"/>
Reason for refund (optional):	<input type="text" value="0"/>

Transaction Mode : false
Language Code : pl-PL

Figure:27

ERROR LOGS

Error Log provides information about transactions performed by Saferpay that could not be completed successfully. Error details provided by payment gateway will be logged and displayed in 'Saferpay' tab of order details under 'Error Response Tab'. (Figure:28)

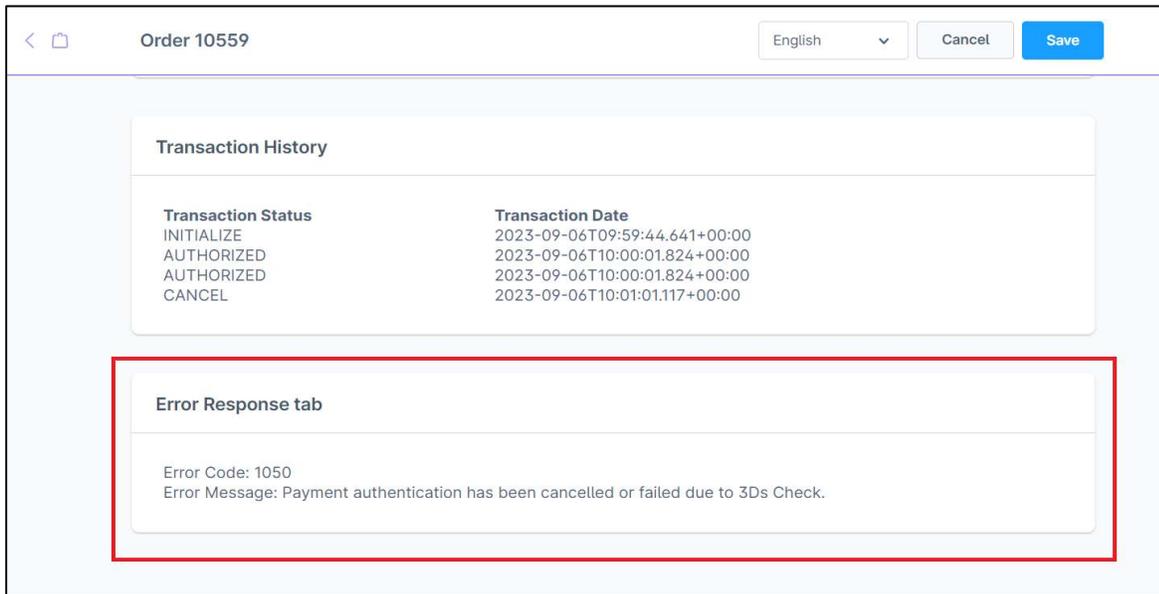


Figure:28

When customer fails to complete a transaction in frontend or does not get a payment page displayed after checkout page, the error would be logged in 'Saferpay Logs'. This is added in Settings > System. (Figure:29)

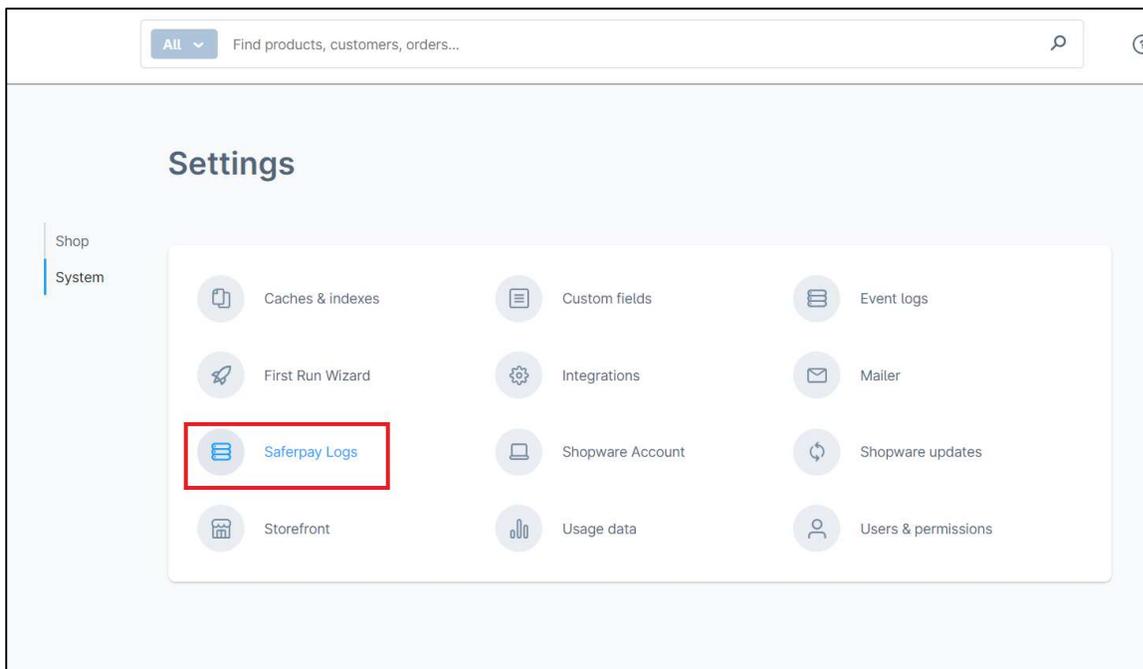
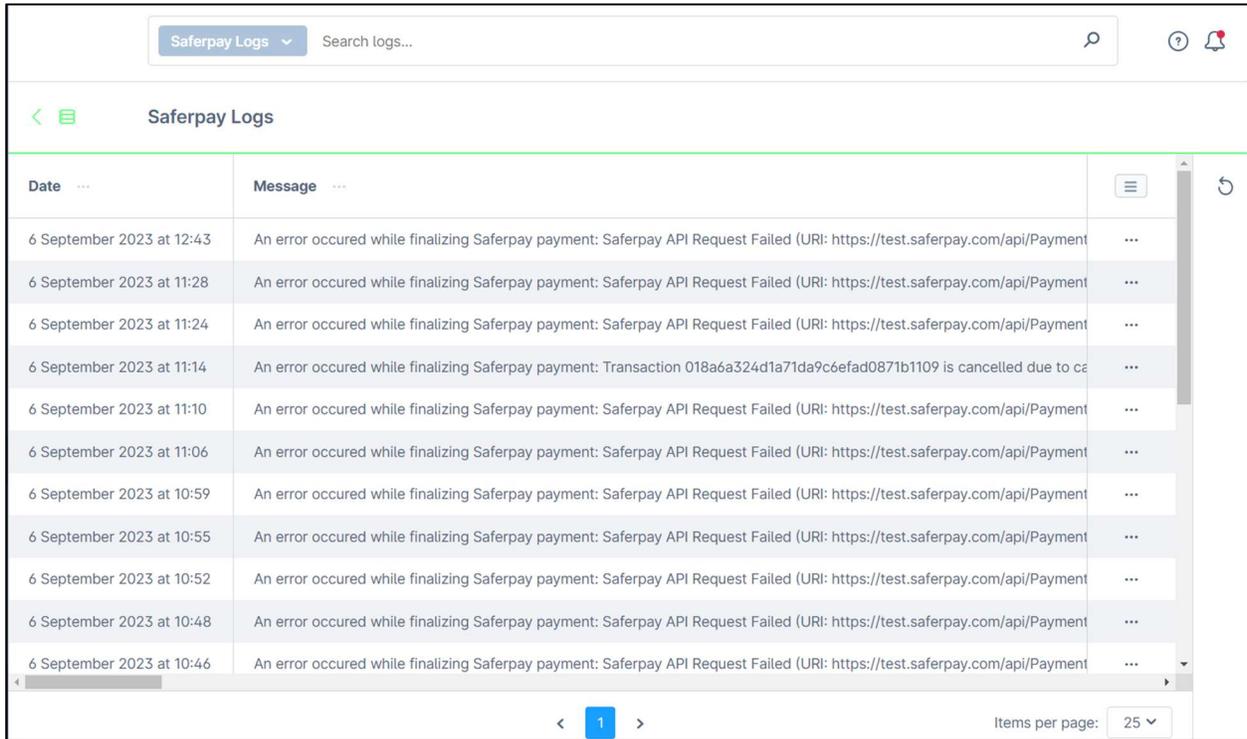


Figure:29

It lists the errors during payment process. To view the details of the error, click on the three dots corresponding to the error. A popup will show the further error details on click of 'View Details'. (Figure:30 & 31)



The screenshot shows a web interface for 'Saferpay Logs'. At the top, there is a search bar with the text 'Saferpay Logs' and a search icon. Below the search bar, the title 'Saferpay Logs' is displayed. The main content is a table with two columns: 'Date' and 'Message'. The table contains 11 rows of log entries, all dated '6 September 2023'. The messages describe errors during the finalization of Saferpay payments, including 'Saferpay API Request Failed' and 'Transaction 018a6a324d1a71da9c6efad0871b1109 is cancelled due to ca'. Each row has a three-dot menu icon on the right side. At the bottom of the table, there is a pagination control showing '1' and an 'Items per page: 25' dropdown menu.

Date	Message
6 September 2023 at 12:43	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 11:28	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 11:24	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 11:14	An error occurred while finalizing Saferpay payment: Transaction 018a6a324d1a71da9c6efad0871b1109 is cancelled due to ca
6 September 2023 at 11:10	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 11:06	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 10:59	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 10:55	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 10:52	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 10:48	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment
6 September 2023 at 10:46	An error occurred while finalizing Saferpay payment: Saferpay API Request Failed (URI: https://test.saferpay.com/api/Payment

Figure:30

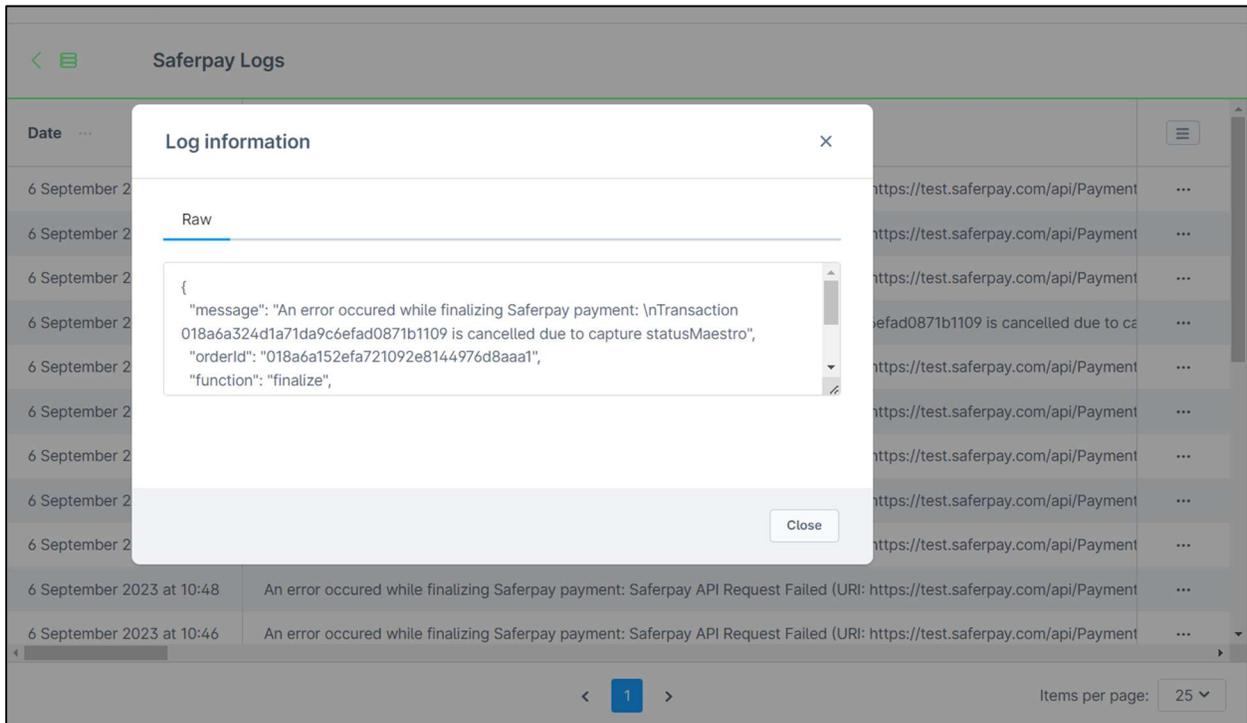


Figure:31

SAFERPAY IDEAL

Other than general settings, additional settings such as account details are available for Saferpay iDEAL payment method. In Shopware administration, admin can add/remove bank account. Customer will be able to select a bank from the bank choices during checkout. (Figure:32)

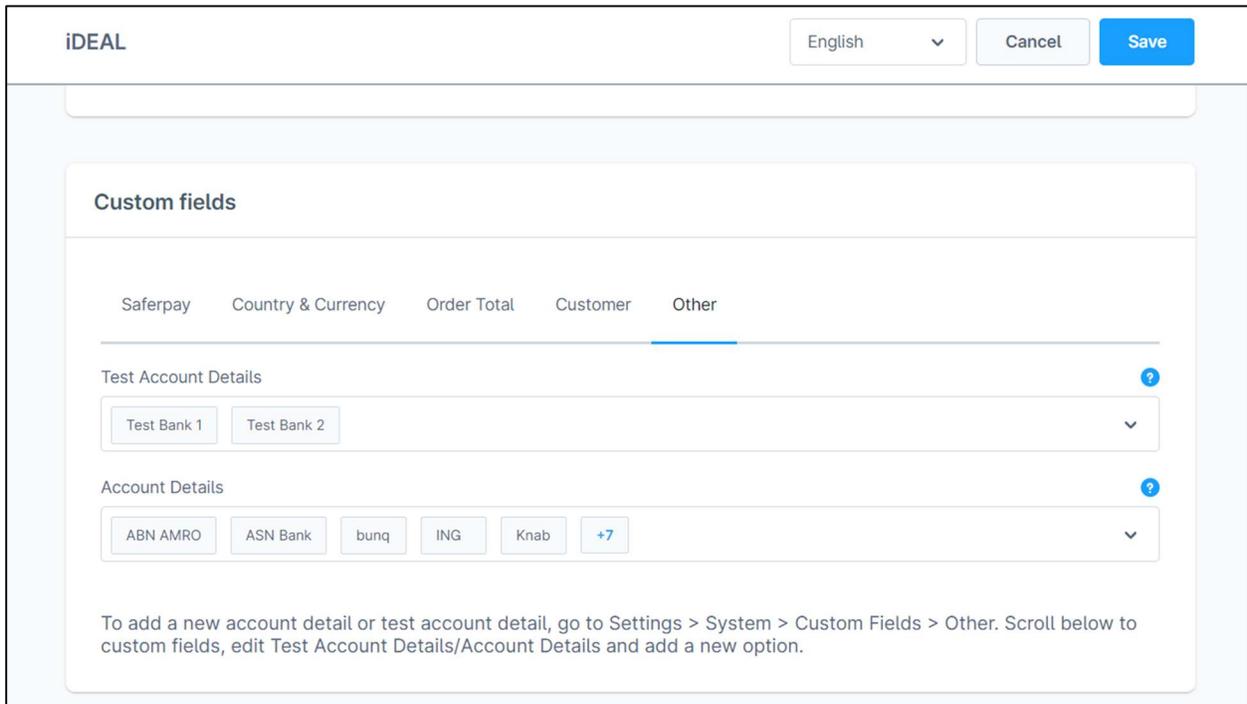


Figure:32

Shopware admin can add more bank options if there are more banks supported by iDEAL. To add additional bank options, go to Settings > System > Custom Fields > Other. Scroll below to custom fields, edit Test Account Details/Account Details and add a new option. (Figure:33)

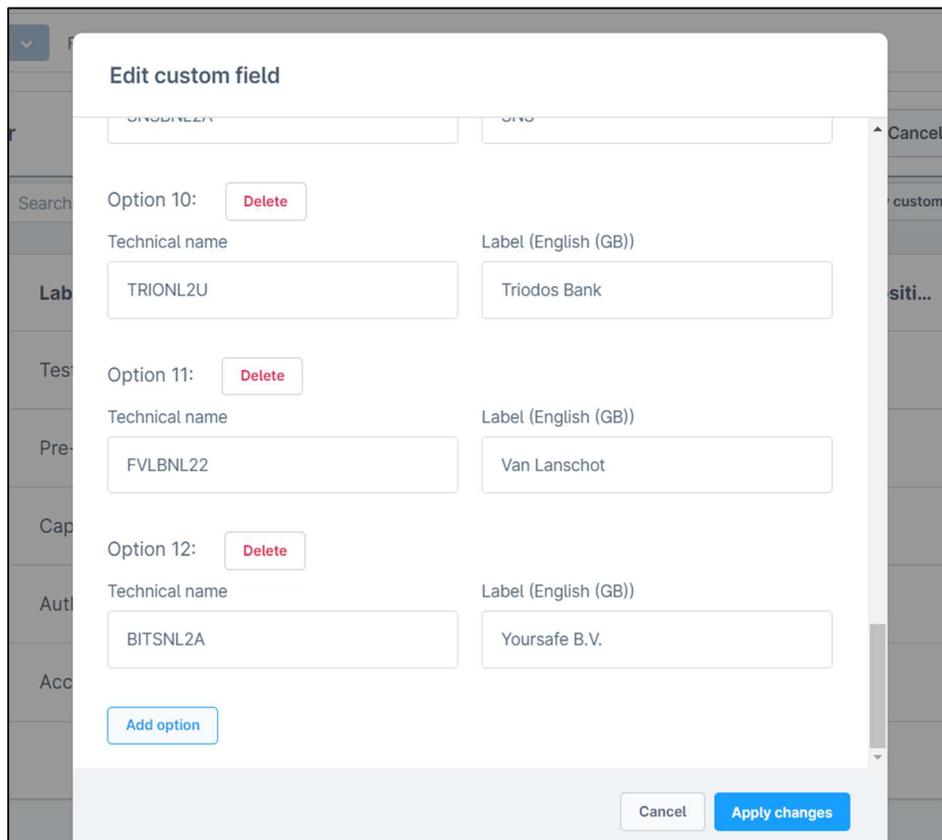


Figure:33

SAFERPAY KLARNA

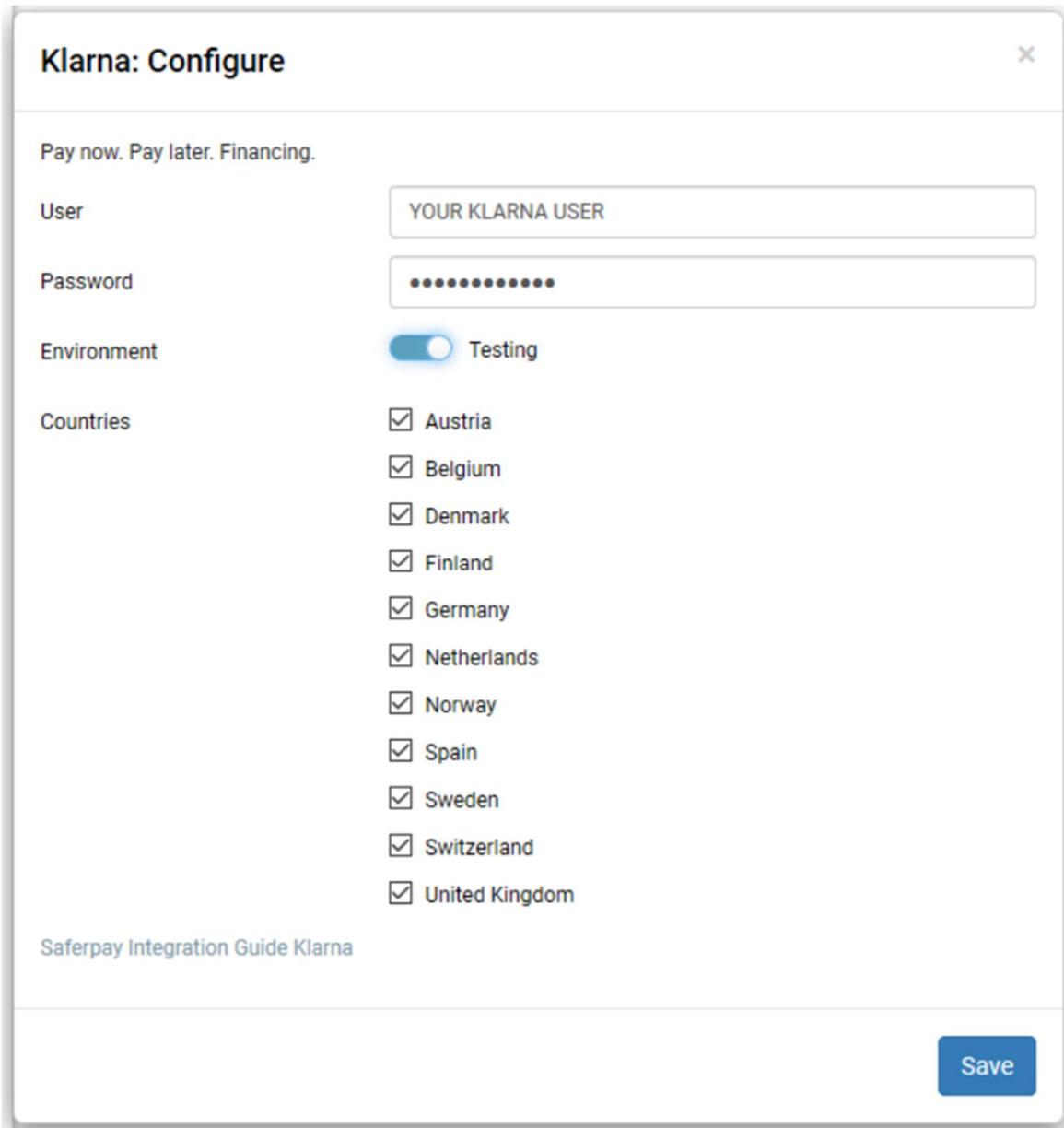
Other than general settings, some additional settings are to be configured to use Klarna payment method.

In Saferpay Backoffice, under Settings > Terminals. Please select the terminal you want Klarna activated on and scroll down to Self Service. Please refer the [link](#).

This service is to be handled differently depending on the Saferpay environment (test/live) you are on, so please pay attention.

You will have two options Klarna and additionally on the Saferpay test environment, Klarna Simulator. For Live mode, configure Klarna. For Test mode, configure Klarna Simulator.

We need to activate the countries in Saferpay Backoffice settings for Klarna to work in checkout. (Figure:34)



Klarna: Configure ✕

Pay now. Pay later. Financing.

User

Password

Environment Testing

Countries

- Austria
- Belgium
- Denmark
- Finland
- Germany
- Netherlands
- Norway
- Spain
- Sweden
- Switzerland
- United Kingdom

[Saferpay Integration Guide Klarna](#)

Save

Figure:34

Additionally, Klarna will be displayed only for certain country-currency combinations. The combinations can be referred in the [link](#). In Shopware store, only when the country currency is properly matched Klarna payment will be displayed.



The following links will be helpful while configuring payment methods:

- Credit and Debit Cards:

<https://docs.saferpay.com/home/integration-guide/payment-methods/mastercard>

<https://docs.saferpay.com/home/integration-guide/payment-methods/maestro>

<https://docs.saferpay.com/home/integration-guide/payment-methods/visa-and-vpay>

<https://docs.saferpay.com/home/integration-guide/payment-methods/american-express>

<https://docs.saferpay.com/home/integration-guide/payment-methods/diners-and-discover>

<https://docs.saferpay.com/home/integration-guide/payment-methods/jcb>

<https://docs.saferpay.com/home/integration-guide/payment-methods/china-unionpay>

<https://docs.saferpay.com/home/integration-guide/payment-methods/swiss-postcard-and-postfinance>

- TWINT: <https://docs.saferpay.com/home/integration-guide/payment-methods/twint>
- PayPal: <https://docs.saferpay.com/home/integration-guide/payment-methods/paypal>
- Klarna: <https://docs.saferpay.com/home/integration-guide/payment-methods/klarna-payments>
- eps: <https://docs.saferpay.com/home/integration-guide/payment-methods/eps>

-
- paydirekt: <https://docs.saferpay.com/home/integration-guide/payment-methods/paydirekt>
 - iDEAL: <https://docs.saferpay.com/home/integration-guide/payment-methods/ideal>
 - SEPA Direct Debit: <https://docs.saferpay.com/home/integration-guide/payment-methods/sepa-direct-debit>
 - Przelewy24: <https://docs.saferpay.com/home/integration-guide/payment-methods/eprzelewy>
 - Bancontact: <https://docs.saferpay.com/home/integration-guide/payment-methods/bancontact>
 - Apple Pay: <https://docs.saferpay.com/home/integration-guide/payment-methods/applepay>
 - Alipay: <https://docs.saferpay.com/home/integration-guide/payment-methods/alipay+>
 - WL Crypto Payments: <https://docs.saferpay.com/home/integration-guide/payment-methods/crypto-payments>
 - Google Pay: <https://docs.saferpay.com/home/integration-guide/payment-methods/google-pay>

Points to be noted:

1. If you “Reinstall” plugin after” Uninstall”, save the plugin configuration @Admin Panel -> Extensions -> **Saferpay Payment Gateway for Shopware 6** -> **Save**, so that access token is generated in Access Token custom field of Credit Card payment method. Also make sure that the value of fields, “Saferpay Fields API-URL” and “JS JS-Library-URL” are entered @Admin Panel -> Settings -> Payment methods ->Credit Card (Saferpay) -> Edit details -> Other
2. Order confirmation is sent before payment – The order confirmation mail, payment confirmation mail, order cancellation mail are sent as per the Shopware workflow. As per the Shopware default behaviour, order confirmation mail is sent on completion of the order without checking the payment status. When the payment is completed, a payment confirmation mail is sent and on cancellation of the order, a order cancellation mail is sent. Even though the order is cancelled, the customer can proceed with the payment from the My account page.

API SPEC VERSION UPDATES

1.35

- Add CARD as value from field PaymentMethod in PaymentPage/Initialize requests, created as new payment method "Creditcard/Debitcard"
- Added CustomerLicense method to Saferpay Management API
- Removed CustomerLicenseConfiguration method from Saferpay Management API.
- Added container notification to Transaction/Initialize and Transaction/AuthorizeReference.
- API parameter was added for DCC emails to be sent if DCC was used.

- Added Country SubDivision Code in address container.
- Updated to Alipay +
- Updated Liability shift ThreeDs container in Payment Page/Assert and Transaction/Initialize responses.

1.36

- Worldline Crypto Payments in EUR - supports the payment method Worldline Crypto Payments in EUR for Belgium and Luxembourg.
- Removed UnionPay as valid value from field Payment Methods in Transaction/Initialize requests.

1.37

- Added new payment method PostFinance Pay, which will be the successor of PostFinance E-Finance & Card.
- Updated to newest version of the Prezelewy24, removed cancellation feature.
- Updated to new version of Giropay.

1.38

- Added new payment method Account-to-Account.

1.39

- Removed Styling container from PaymentPage/Initialize in all API versions.
- PaymentPage/Assert can now be called up to 120 hours for pending transactions (instead of 96 hours before) for Account-to-Account Transactions.

1.40

- Added new payment method WeChatPay.
- Added POSTFINANCEPAY as valid value for Type in Alias/Insert.

- Removed POSTFINANCE and POSTCARD as valid values for payment methods in PaymentPage/Initialize requests.
- Removed BANCONTACT as valid value for payment method in Alias/Insert.
- Enabled Ideal Refund.

1.41

- Added additional info about the used ISO-standard and applied restrictions to field LanguageCode of the Payer container and SecureCardData/AliasInsert requests.

1.42

- Added iDEAL with Accountholder Name to payment method options of Transaction/Refund.

Improvements

- Plugin version upgraded to 2.0.2
- Transaction overview section will display “3Ds Authentication Type “ if 3ds data available
- Parameter ‘HolderName’ is set to "mandatory" if configuration 'Display cardholder name on saferpay' set to 'Yes' in the Magento backend payment method settings
- Management API: Retrieved logo URLs of available Payment Methods and displayed in the checkout payment section.
- Fetch customer access token automatically on save (Only works if saferpay access token is empty in credit card custom field)
- A scheduler has been enabled to automatically cancel abandoned payments after 1 hour.
- Manual capture can be performed for payments if they were captured in the Saferpay Back Office but not in the Shop Back End.
- Added Direct Authorisation method for Sepa Direct Debit.