

USER GUIDE SAFERPAY

MODULE FOR MAGENTO

2.4.0 - 2.4.8-P3

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ABOUT DOCUMENT

Version No.	Prepared by	Version Changes	Date
V1.0.0	Deepthi Joseph & Shanty Justus, PIT Solutions Pvt Ltd	Prepared initial document version	31.03.2020
V1.0.1	Soumia George, PIT Solutions Pvt Ltd	Added Amasty Recurring Payment module and limitations with the Recurring module	09.04.2020
V1.0.2	Shanty Justus, PIT Solutions Pvt Ltd.	PSD2 Changes	06.05.2020
V1.0.3	Erich Zeiler-Rausch Worldline Payment Services	Proofread and public release	14.05.2020
V1.0.4	Deepthi Joseph & Shanty Justus, PIT Solutions Pvt Ltd Payment Services	iDEAL Preselection for bank account, Saferpay Fields for "Save card", Redirect URL in lightbox for checkout with Saferpay Fields and Transaction Interface	06.10.2020

V1.0.5	Shanty Justus, Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	Compatible with Magento version 2.4.1 and Amasty Subscriptions & Recurring Payments Version 1.6.3, Added Klarna payment method.	23.12.2020
V1.0.6	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Compatible with Magento version 2.4.2, Fixed the compatibility issues when Amasty Subscriptions & Recurring Payments extension is not installed, Fixed the error of sending incorrect LanguageCode to API	23.04.2021
V1.0.7	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Compatible with Magento version 2.3.7 and 2.4.2 p1	10.06.2021
V1.0.8	Shanty Justus Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	Crypto Payments, New countries for Klarna Payments, New currencies for SOFORT, EPS Refund support, Removed Bonus card	14.07.2021

V1.0.9	Shanty Justus Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	Compatible with Magento version 2.4.3, 2.3.7-p2 and 2.4.3-p1 and Amasty Subscriptions & Recurring Payments Version 1.6.8	14.12.2021
		API Spec version updates from 1.23 to 1.25	
V1.1.0	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Fixed the shopping cart deletion issue when the order is cancelled or failed	12.01.2022
V1.1.1	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Fixed the issue of sending ipv6 address to Saferpay	10.02.2022
V1.1.2	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Handled the magento feature of asynchronous sending of order and invoice emails	08.03.2022
V1.1.3	Shanty Justus Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	Compatible with Magento version 2.4.4 and Amasty Subscriptions & Recurring Payments Version 1.6.9 & 1.6.10, API Spec version updates from 1.25 to 1.28	06.09.2022
V1.1.4	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Compatible with Magento version 2.4.4 p2, 2.4.5 &2.4.5 p1, API Spec version updates from 1.29 to 1.30	16.11.2022

V1.1.6	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Compatible with Magento version 2.3.0 – 2.4.6	18.04.2023
V1.1.8	Shanty Justus Soumia George PIT Solutions Pvt Ltd Payment Services	Compatible with Magento API Spec version updates from 1.31 to 1.34, Compatible with Amasty Subscriptions & Recurring Payments Version 1.6.10 and Added GraphQL support for Magento versions from 2.4.0 to 2.4.6	22.06.2023
V1.1.9	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Fixed the soap webservice API error & Recurring Payments error	20.09.2023
V1.2.0	Shanty Justus Soumia George PIT Solutions Pvt Ltd Payment Services	Compatible with Magento API Spec version 1.35, Added GraphQL support for Magento versions from 2.3.3 to 2.4.6, Compatible with Amasty Subscriptions & Recurring Payments Version 1.6.10 – 1.6.12, Added new option “Auto capture” in the Liability shift behaviour settings, Added fix for the warning in cron execution when table prefix is present in the database	30.11.2023

V1.2.1	Shanty Justus Soumia George PIT Solutions Pvt Ltd Payment Services	Added updates of Magento API Spec version from 1.36 to 1.38, Compatible with Magento Version 2.3.0 to 2.4.6 p3, Added GraphQL support for Magento versions from 2.3.3 to 2.4.6 p3, Compatible with Amasty Subscriptions & Recurring Payments Version 1.6.13	25.01.2024
V1.2.2	Shanty Justus Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	Compatible with Magento Version 2.3.0 to 2.4.6 p4, Compatible with Amasty Subscriptions & Recurring Payments Version 2.0.0, Saferpay feature enhancements, Added fix to prevent calling Transaction Authorize API from cron which cancels the abandoned orders., Added fix to display card holder name in saferpay payment page when 'Display cardholder name on saferpay' set to 'Yes' in the Magento backend payment method settings	16.04.2024

V1.2.3	Shanty Justus Vishnu S PIT Solutions Pvt Ltd Payment Services	<ul style="list-style-type: none">• Compatible with Magento Version 2.3.0 to 2.4.7 p1, Compatible with Hyva theme 1.3 and Hyva checkout 1.1. Added updates of Saferpay JSON API Spec version from 1.39 to 1.40, Added GraphQL support for Magento versions from 2.3.3 to 2.4.6, Added “Save Card” for CreditCard, Added option to capture the invoice that got interrupted due to Saferpay error.	25.07.2024
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V1.2.4	Shanty Justus Vishnu S PIT Solutions Pvt Ltd Payment Services	• Compatible with Magento Version 2.4.0 to 2.4.7 p3, Compatible with Hyva theme 1.3 and Hyva checkout 1.1. Added updates of Saferpay JSON API Spec version from 1.41 to 1.43, Added GraphQL support for Magento versions from 2.4.0 to 2.4.7 p3, Compatible with Amasty Subscriptions & Recurring Payments Version 2.0.0, 2.1.0, 2.2.0	04.12.2024
V1.2.5	Shanty Justus PIT Solutions Pvt Ltd Payment Services	Added a new option in Googlepay and Applepay wallet payment settings in Admin panel to select either "wallet only" or "wallet along with card entry form" in the payment page	28.01.2025

V1.2.6	Shanty Justus Vishnu S PIT Solutions Pvt Ltd Payment Services	<ul style="list-style-type: none">Added support for the Reka payment method.Ensured compatibility with Amasty Subscriptions & Recurring Payments module (version 2.3.0).Added Hyvä compatibility to the Saferpay Recurring module.Verified compatibility with Hyvä Theme (version 1.3.14, CSP enabled) and Hyvä Checkout (version 1.3.2).Implemented Delete Access Token and Alias Inquiry API functionality.	29.05.2025
V1.2.7	Shanty Justus PIT Solutions Pvt Ltd Payment Services	<ul style="list-style-type: none">Implemented an error notification in case of a Saferpay API outage	26.06.2025

V1.2.8	Shanty Justus PIT Solutions Pvt Ltd Payment Services	<ul style="list-style-type: none">• Improved email sending functionality	07.10.2025
V1.2.9	Shanty Justus, Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	<ul style="list-style-type: none">• Compatible with Magento version 2.4.8-p3 and Amasty Subscriptions & Recurring Payments Version 2.3.0, 2.4.0• API Spec version updates from 1.46 to 1.49	26.12.2025
V1.3.0	Shanty Justus, Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	<ul style="list-style-type: none">• Compatible with Magento version 2.4.8-p3 and Amasty Subscriptions & Recurring Payments Version 2.3.0, 2.4.0• API Spec version updates from 1.46 to 1.49• Implemented validation and enforced value limits for the attributes required by Saferpay	15.01.2026

V1.3.1	Shanty Justus, Deepthi Joseph PIT Solutions Pvt Ltd Payment Services	<ul style="list-style-type: none">• Compatible with Magento version 2.4.0 to 2.4.8p3• Compatible with Hyva theme Version 1.3.10 to 1.4.2 and Hyva checkout Version 1.1.28 to 1.3.8• Compatible with Amasty Subscriptions & Recurring Payments Versions 2.30, 2.4.0• Supports GraphQL for Magento 2.4.0 to 2.4.8p3• Implemented validation and enforced value limits for the attributes required by Saferpay• Version info updated	16.01.2026
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ABOUT SAFERPAY

Saferpay is the easy, flexible, secure and the comprehensive e-payment solution from Worldline (former SIX Payment Services) 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.

ABOUT MAGENTO MODULE

This module is implemented to integrate Saferpay Payment methods in Magento. It supports the following payment methods of Saferpay to work with default Magento 2 checkout.

- 1] VISA
- 2] MASTERCARD
- 3] MAESTRO
- 4] AMERICAN EXPRESS
- 5] BANCONTACT
- 6] DINERS/DISCOVER
- 7] JCB
- 8] SEPA ELV
- 9] MASTERPASS
- 10] UNIONPAY
- 11] PAYPAL
- 12] TWINT
- 13] IDEAL
- 14] EPRZELEWY
- 15] APPLE PAY
- 16] ALIPAY
- 17] CREDITCARD (SAFERPAY FIELDS)
- 18] EPS
- 19] BILLPAY PURCHASE ON RECEIPT
- 20] BILLPAY DIRECT DEBIT
- 21] KLARNA PAYMENTS
- 22] GOOGLEPAY
- 23] POSTFINANCE PAY
- 24] ACCOUNT-TO-ACCOUNT
- 25] CREDITCARD / DEBITCARD

26] WECHATPAY

27] CLICK TO PAY

28] BLIK

29] REKA

30] WERO

This module supports all the features of online payment methods like invoice capturing, refunding & cancellation. All these payment operations done in the Magento backend will be synced to Saferpay account also.

SUPPORTED LANGUAGES

The module provides translation for German (Germany) (**de_DE**), English (United States) (**en_US**) locale and Polish (Poland) (**pl_PL**)

REQUIREMENTS

To install and configure Saferpay module in Magento, the following is required:

- Magento installation with version between 2.4.0 to 2.4.8-p3
- The license for the Saferpay module.
- 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- and/or Test environment
- Valid acceptance agreement for payment methods.

INSTALLATION

To install Saferpay module follow the steps below.

Step 1: Download Saferpay module extension and unzip it.

Step 2: Access your web server directories and upload the content of the folder into the root directory

Step 3: Run the following commands to complete the installation.

1. Enable the module

```
php bin/magento module:enable --clear-static-content Saferpay_PaymentService  
php bin/magento module:enable --clear-static-content Saferpay_RecurringPayments  
(Disable this module if the shop does not use Amasty recurring module)  
php bin/magento module:enable --clear-static-content Saferpay_HyvaCheckout (Disable this  
module if the shop does not use Hyva theme and Hyva Checkout)
```

2. Update of the database

```
php bin/magento setup:upgrade
```

3. Generate and pre-compile classes

```
php bin/magento setup:di:compile
```

4. Deploy static files

```
php bin/magento setup:static-content:deploy
```

Additional: Install and Build Custom Checkout Style using Tailwind (Hyvä)

To apply custom styles for the checkout area (if using **Hyvä Checkout**), follow these additional steps:

Generate Hyvä configuration

```
php bin/magento hyva:config:generate
```

Install Node.js dependencies (Tailwind) and build production CSS

```
cd vendor/hyva-themes/magento2-default-theme/web/tailwind
```

```
npm install
```

```
npm run build-prod
```

Ensure npm is installed on your system. If not, install it using your system's package manager or from <https://nodejs.org/>.

CONFIGURATION

Saferpay module configuration includes two sections

1. General configuration
2. Payment method specific configuration

GENERAL CONFIGURATION

Configure general module settings from Stores > Configuration > Sales > Saferpay Tab

General Plugin information can be viewed from here

General

Version	1.1.7
API Spec Version	[store view] 1.34

1. Version : Current Plugin Version
2. API Spec Version : Current API Spec version. This gives information about technical features, modifications and enhancements that are integrated

The following configuration options are available in General section

1. Environment: It defines the Saferpay Operation mode. The dropdown will allow merchant to quickly switch between live and test environment. By default, test mode is selected

2. Test Customer ID/Live Customer ID

The unique Customer ID issued by Saferpay for your account. This value is required when the test environment is selected.

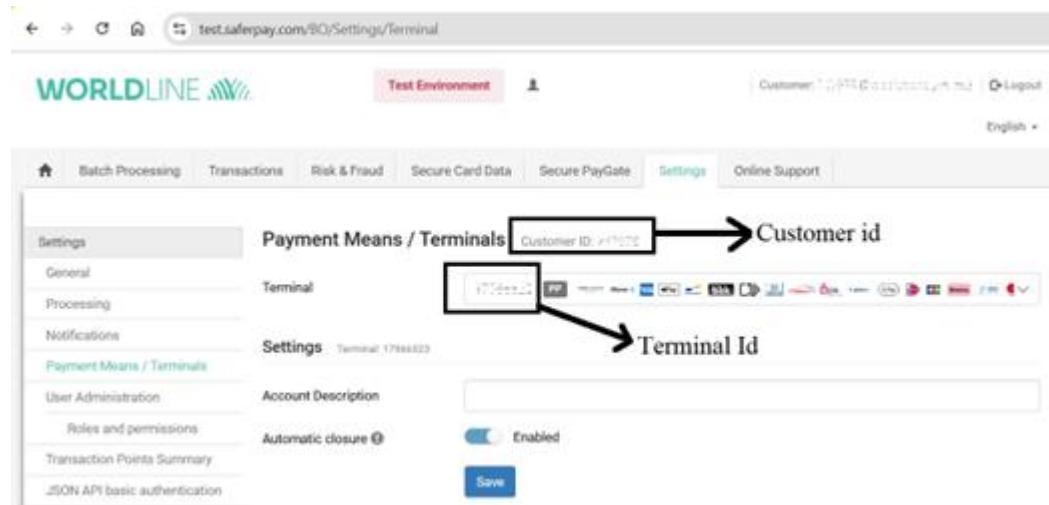


Figure 1

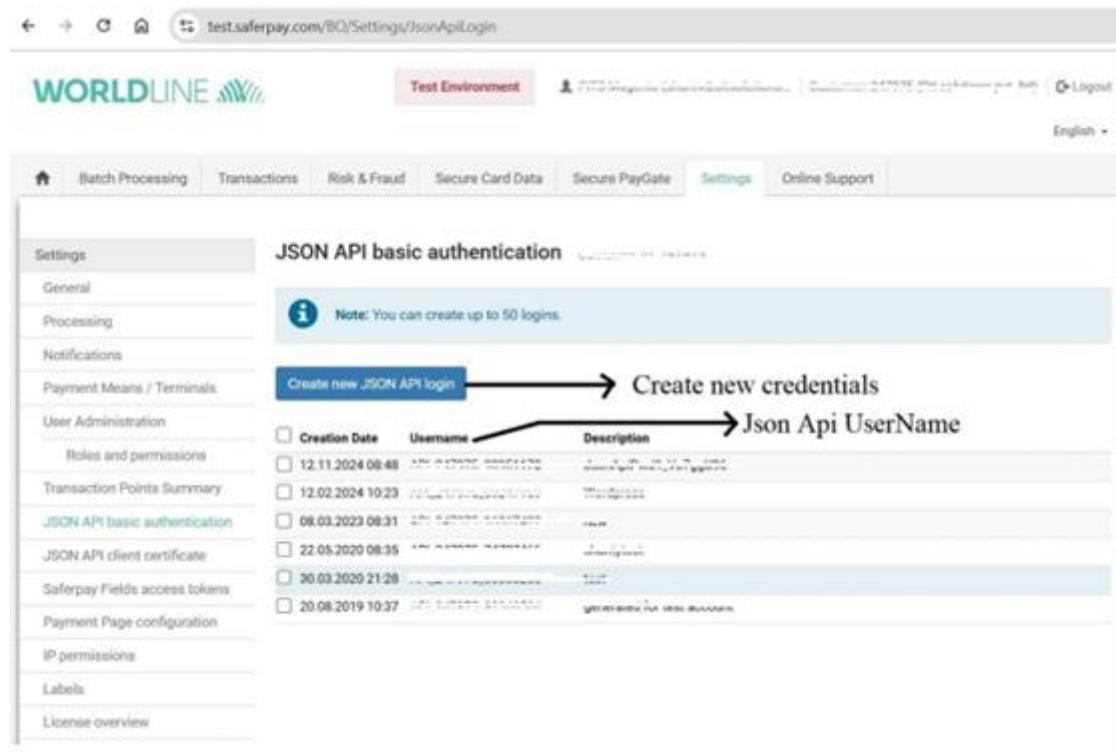
The settings can be found in the Saferpay Backoffice under *Settings*→*Payment Means / Terminals* (see Figure 1).

3. Test Terminal ID

Terminal ID assigned by Saferpay, which works in conjunction with your Customer ID. The settings can be found in the Saferpay Backoffice under *Settings*→*Payment Means / Terminals* (see Figure 1).

4. Test JSON Username

API username used to authenticate requests via the Saferpay JSON API.



The screenshot shows the Saferpay Backoffice interface. The top navigation bar includes links for 'Batch Processing', 'Transactions', 'Risk & Fraud', 'Secure Card Data', 'Secure PayGate', 'Settings' (which is currently selected), and 'Online Support'. The 'Settings' menu on the left lists various options: General, Processing, Notifications, Payment Means / Terminals, User Administration, Roles and permissions, Transaction Points Summary, JSON API basic authentication (which is currently selected), JSON API client certificate, Saferpay Fields access tokens, Payment Page configuration, IP permissions, Labels, and License overview. The main content area is titled 'JSON API basic authentication' and contains a note: 'Note: You can create up to 50 logins.' Below this is a table with columns 'Creation Date', 'Username', and 'Description'. The table lists several logins, with the last one, 'Json Api UserName', highlighted with a red box and an arrow pointing to it. The 'Creation Date' column shows dates like '12.11.2024 08:48', '12.02.2024 10:23', '08.03.2023 08:31', '22.05.2020 08:35', '30.03.2020 21:28', and '20.08.2019 10:37'. The 'Username' column shows 'Json Api UserName' and the 'Description' column shows 'GENERIERT FÜR 1999-BANNER'.

Figure 2

The settings to create or manage a JSON API Username can be found in the Saferpay Backoffice under *Settings* → *JSON API Basic Authentication* (see Figure 2).

5. Test JSON API Password

The password associated with the above JSON API Username. The settings to create or manage a JSON API Password can be found in the Saferpay Backoffice under *Settings* → *JSON API Basic Authentication* (see Figure 2).

6. Generate Saferpay Fields access token and url automatically

By enabling this, you can automatically create Access Tokens and Api Url for the Saferpay Fields.

Note: Configuration fields from 1 to 5 must be filled in if you want to create access token automatically. Please see Figure 3.

Environment [store view]	<input type="text" value="Test Mode"/> 
Saferpay Operation mode. If the test mode is selected the test account details is used. Otherwise the configured live account details is used.	
Test Customer ID [store view]	<input type="text" value="247075"/>
The test customer id as given by the Saferpay.	
Test Terminal ID [store view]	<input type="text" value="17066522"/>
The test terminal id as given by the Saferpay.	
Test JSON Username [store view]	<input type="text" value="API_247075_00046501"/>
The test JSON username given by the Saferpay.	
Test JSON API Password [store view]	<input type="text" value="jsomApiPwds1_Vt7gq4U96"/>
The test JSON API password as given by Saferpay.	

Figure 3

7. Enter Shop Url

Enter your shop url for which access tokens to be generated.

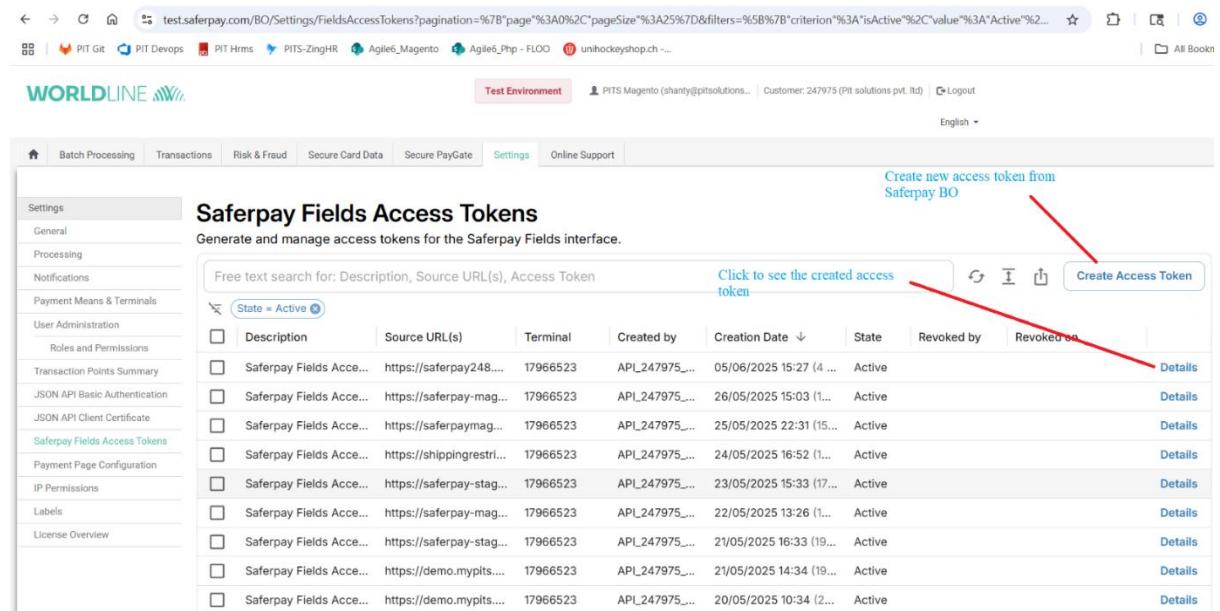
Example: <https://www.yourshopdomain.com>

8. Test Saferpay Fields Access Token

Configuration fields 1 to 5 must be filled in, and Configuration field 6 must be set to 'Yes' to generate the Saferpay Fields access token.

This token is essential for initializing Saferpay Fields, primarily used for credit card payments and saved cards.

If not generated automatically, the details can be obtained from Saferpay Backoffice. Please see the Figure 4. A new token can be generated using the 'Create Access Token' button. The existing token can be viewed by clicking 'Details' corresponding to the entry for your shop.



The screenshot shows the 'Saferpay Fields Access Tokens' page in the Saferpay Backoffice. The page has a sidebar with various settings options. The main area displays a table of existing access tokens with columns for Description, Source URL(s), Terminal, Created by, Creation Date, State, Revoked by, and Revoked on. A red arrow points to the 'Create Access Token' button at the top right of the table area. The table data is as follows:

Description	Source URL(s)	Terminal	Created by	Creation Date	State	Revoked by	Revoked on
Saferpay Fields Acce...	https://saferpay248....	17966523	API_247975...	05/06/2025 15:27 (4 ...	Active		
Saferpay Fields Acce...	https://saferpay-mag...	17966523	API_247975...	26/05/2025 15:03 (1...	Active		
Saferpay Fields Acce...	https://saferpaymag...	17966523	API_247975...	25/05/2025 22:31 (15...	Active		
Saferpay Fields Acce...	https://shippingrestr...	17966523	API_247975...	24/05/2025 16:52 (1...	Active		
Saferpay Fields Acce...	https://saferpay-stag...	17966523	API_247975...	23/05/2025 15:33 (17...	Active		
Saferpay Fields Acce...	https://saferpay-mag...	17966523	API_247975...	22/05/2025 13:26 (1...	Active		
Saferpay Fields Acce...	https://saferpay-stag...	17966523	API_247975...	21/05/2025 16:33 (19...	Active		
Saferpay Fields Acce...	https://demo.my pits...	17966523	API_247975...	21/05/2025 14:34 (19...	Active		
Saferpay Fields Acce...	https://demo.my pits...	17966523	API_247975...	20/05/2025 10:34 (2...	Active		

Figure 4

9. Test Saferpay Fields Api URL

The Saferpay Fields API has different base URLs depending on the environment:

- For live, use: <https://www.saferpay.com/api>
- For testing, use: <https://test.saferpay.com/api>

When integrating Saferpay Fields, use the following URLs:

- Live environment: [https://www.saferpay.com/Fields/\[YOUR_CUSTOMER_ID\]](https://www.saferpay.com/Fields/[YOUR_CUSTOMER_ID])
- Test environment: [https://test.saferpay.com/Fields/\[YOUR_CUSTOMER_ID\]](https://test.saferpay.com/Fields/[YOUR_CUSTOMER_ID])

Make sure to replace [YOUR_CUSTOMER_ID] with your actual Saferpay customer ID.

10. Test Saferpay Fields JS URL

This is the Saferpay Fields Javascript library url. Do not edit this if are unaware of the functionality.

For Test Environment:- <https://test.saferpay.com/Fields/lib/1.5/saferpay-fields.js>

For Live Environment:- <https://www.saferpay.com/Fields/lib/1.5/saferpay-fields.js>

11. Test Base URL

These fields already have default values of Api base url. Do not edit this if are unaware of the functionality.

Base Url for Test System:- <https://test.saferpay.com/api>

Base Url for Live System:- <https://www.saferpay.com/api>

Scope: Default Config  

GENERAL  

CATALOG  

SECURITY  

CUSTOMERS  

SALES  

Sales

Sales Emails

PDF Print-outs

Tax

Checkout

Shipping Settings

Multishipping Settings

Delivery Methods

Google API

Payment Methods

ISO QR Bill

3D Secure

Saferpay  

Saferpay Error Log

SERVICES  

ADVANCED  

 **AMASTY EXTENSIONS** 

General

Version  1.2.2

API Spec Version  1.38

Environment  Test Mode 

Saferpay Operation mode. If the test mode is selected the test account details is used. Otherwise the configured live account details is used.

Test Customer ID  The test customer id as given by the Saferpay.

Test Terminal ID  The test terminal id as given by the Saferpay.

Test JSON Username  The test JSON username given by the Saferpay.

Test JSON API Password  The test JSON API password as given by Saferpay.

 **AUTO CONFIGURE**

Generate saferpay field access token and url automatically  No  By enabling this, you can automatically create Access Tokens and Api Url for the Saferpay Fields.

Test Saferpay Field Access Token  If not generated automatically, test saferpay field access token can be found in the Saferpay backend. Refer our installation guide for more details.

Test Saferpay Field Api URL  If not generated automatically, Test Saferpay Field Api URL can be found in the Saferpay backend. Refer our installation guide for more details.

Test Saferpay Field JS URL  Do not change the Saferpay Field JS URL unless required. Refer our installation guide for more details.

Test Base URL  Base URL for Test system

Licence  Saferpay eCommerce 

Liability Shift Behavior  Autocancel  Auto Capture: Transactions with LiabilityShift false are also captured, if the payment method also have auto capture. Manual Capture: Transactions with LiabilityShift false are not captured, but held inside the transaction overview, so the merchant can capture, or cancel them to his liking. Autocancel: Transactions with LiabilityShift false are cancelled automatically.

Configuration
Save Config



Force 3D secure authentication during transactions [store view]

Recurring SCA Challange for PSD2 compliance [store view]

Enable Saved Cards Option [store view]

Recurring Customer Authentication Email Template [website]

Re-enter CVC value when using saved cards for payment [store view]

Merchant email [store view]

Order Description [store view]

CSS URL [store view]

Payment Page Theme [store view]

Saferpay Configuration [store view]

Enable Log [website]

Email Template On cancellation of order [website]

so the merchant can capture, or cancel them to his liking. Autocancel: Transactions with Liability/shift false are cancelled automatically.

Saferpay will force a full 3D Secure authentication for cardholders. Recommended for high risk businesses (Jewelry, Electronics, etc.) to stick to the highest level of security.

We highly recommend you to force SCA during an initial transaction, for Recurring Payments.

Enable or Disable Saved Card option in Customer Account

Recurring Customer Authentication Email Template (Default)

Email Template to notify customer when recurring payment fails due to authentication error.

If the customer pays using an already saved card (alias), this feature enables the card holder, to re-enter his CVC.

Email addresses to which a confirmation email will be sent to the merchants after successful authorizations.(Applicable only for payment page authorization)

Enter a human readable description that will be displayed in web sites.

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

Choose any theme to customize the appearance of saferpay payment pages. If you don't want any styling use 'NONE'.

Saferpay Payment Page configurations is used to configure design and other details inside hosted pages. The configuration can be created from Saferpay Backoffice ('Settings > PaymentPage Configuration').The configuration marked as 'default' will be used as the standard setting if none

Customer Notification On Cancel (Default)

iDeal Bank Configuration

Fields from 2 to 9 may vary based on the operation mode opted. Data is available from Saferpay Backoffice. To get access information for live environment you have to [request an offer here](#). To get access information to test account please follow this [link](#).

AUTO CONFIGURE

Payment methods can be configured automatically by using the "Auto Configure" button. Before you auto configure make sure that all basic configurations are filled out. The available payment methods in your Saferpay customer account will be checked when

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you click auto configure button, and those payment methods will then be enabled. Afterward, you can go to Sales > Payment Methods and make the necessary changes if you want to disable any payments or modify any configurations.

12. Licence: Choose the Saferpay licence you own.

Saferpay has two licenses:

- Saferpay eCommerce
- Saferpay Business

In case you are using Saferpay Business without the corresponding license, the API will throw an error.

13. Liability Shift Behaviour

This field determines how to handle the transactions when Liability Check for card Fails. When using this functionality, the liability shifts to the authorizing bank and the store owner receives no claim for any chargeback if a fraudulent card is used on their website.

It has three options

- Manual Capture: Transactions with false LiabilityShift are not captured, but it gets authorized. Later the merchant can capture, or cancel the order as he wish.
- Autocancel: Transactions with false LiabilityShift are cancelled automatically.
- Auto Capture: Transactions with LiabilityShift false are captured automatically, if the capture type of payment method is also set to auto capture. If payment method capture type is “Manual Capture”, the transaction will not captured, instead the transaction is made authorized so that merchant can manually capture or cancel his order.

14. Force 3D secure authentication during transactions: If you enable this option, Saferpay will force a full 3D Secure authentication for cardholders. It is recommended for high risk businesses (Jewellery, Electronics, etc.) to stick to the highest level of security.

15. Recurring SCA challenge for PSD2 Compliance

Saferpay module is compatible with Amasty recurring module. This field is applicable only for orders with subscription products. It ensures the PSD2 compliance of the recurring payments done through Saferpay while Amasty extension is enabled.

16. Enable Saved Cards Option

Customers can save their card details in customer account if this configuration is enabled. They will get access to tab “Saved cards”.

17. Recurring Customer Authentication Email Template

There is a possibility for payment failure due to soft decline of cards during recurring transaction. During such scenarios this template is used to send email to customers notifying them about transaction error.

18. Re-enter CVC value when using saved cards for payment

This option is used to provide additional security when the customer uses saved cards for the checkout. While this option is enabled, it asks the cardholder to re-enter his CVC if he uses saved card for checkout, and hence the transaction would be fully secure and PCI compliant

19. Merchant email

Email addresses (Merchant email) to which a confirmation email need to be send after successful payment authorizations. (Applicable only for payment page authorization)

20. Order Description

A human readable description provided by the merchant that will be displayed in Payment Page.

21. CSS URL

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>.

22. Payment Page Theme

Choose the theme to customize the appearance of Saferpay payment pages. Per default a lightweight responsive styling will be applied.

23. Saferpay Configuration

Saferpay Payment Page configurations is used to configure design and other details inside hosted pages. The configuration can be created from Saferpay Backoffice ('Settings > PaymentPage Configuration'). The configuration marked as 'default' will be used as the standard setting if none

24. Enable Log

All the error details regarding a transaction will be logged to custom log if this option is enabled. Refer Log section for more information

25. Email Template on cancellation of order

There may be possibilities for cancelling authorized transaction due to failed 3Ds check. During such scenarios this template is used to send email to customers notifying them about payment cancellation.

26. GraphQL Support

GraphQL is indispensable for creating Magento PWAs. Saferpay Extension provides GraphQL support so that PWA developers and Mobile app developers can make use of it. This will work for Magento versions from 2.4.0 to 2.4.8-p3

PAYMENT METHOD SPECIFICS

Account-to-Account Payments - Refer <https://docs.saferpay.com/home/integration-guide/payment-methods/account-to-account-payments>

Alipay - <https://docs.saferpay.com/home/integration-guide/payment-methods/alipay+>

Apple Pay - <https://docs.saferpay.com/home/integration-guide/payment-methods/applepay>

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

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

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

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

EPS - <https://docs.saferpay.com/home/integration-guide/payment-methods/eps> **Google Pay** - <https://docs.saferpay.com/home/integration-guide/payment-methods/google-pay>

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

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

Klarna - <https://docs.saferpay.com/home/integration-guide/payment-methods/klarna-payments>

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

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

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

SEPA ELV - <https://docs.saferpay.com/home/integration-guide/payment-methods/sepa-direct-debit>
TWINT - <https://docs.saferpay.com/home/integration-guide/payment-methods/twint>

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

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

WeChat Pay - <https://docs.saferpay.com/home/integration-guide/payment-methods/wechat-pay>

Click to Pay - <https://docs.saferpay.com/home/integration-guide/payment-methods/click-to-pay>

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

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

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

PAYMENT METHOD SPECIFIC CONFIGURATION

Individual payment methods which come under Saferpay can be configured from System > Configuration > Sales > Payment Methods section. Not all payment will be in your contract so be careful while enabling payment methods.

Saferpay specific configuration are explained in detail.

1. Enabled

Enable or Disable payment methods

2. Title

The title displayed to the customer on the store front during checkout.

3. Description

Description for the payment

4. Payment from Applicable Countries

By default, it is set to All Allowed Countries.

5. Payment from Specific Countries

If you wish to accept payment from specific countries, you can select the countries in Payment from Specific Countries.

6. Accepted Currencies

Choose the currencies that can be processed with this payment. If no currency is selected payment will not be available even though it is enabled individually.

Some payments like Klarna may have country and currency restrictions. So be careful in choosing countries and ensure that these countries are activated in your Klarna payment settings in saferpay account also.

For Klarna to work properly, currency code should be in-line with country code

Klarna Simulator: Configure

Pay now. Pay later. Financing.

Saferpay settings for Klarna

User	pits
Password	***** 
Environment	 Testing
Countries	<input checked="" type="checkbox"/> Austria <input checked="" type="checkbox"/> Belgium <input checked="" type="checkbox"/> Czech Republic <input checked="" type="checkbox"/> Denmark <input checked="" type="checkbox"/> Finland <input checked="" type="checkbox"/> France <input checked="" type="checkbox"/> Germany <input type="checkbox"/> Hungary <input checked="" type="checkbox"/> Ireland <input checked="" type="checkbox"/> Italy <input checked="" type="checkbox"/> Netherlands <input checked="" type="checkbox"/> Norway <input checked="" type="checkbox"/> Poland <input checked="" type="checkbox"/> Slovakia <input checked="" type="checkbox"/> Spain <input checked="" type="checkbox"/> Sweden <input checked="" type="checkbox"/> Switzerland <input checked="" type="checkbox"/> United Kingdom

[Saferpay Integration Guide Klarna](#)

Save

7. Use Base Currency

Defines whether Magento base currency should be used for processing the transaction. If this is enabled, only the payment methods that supports base currency will be listed during checkout.

 Saferpay VISA

Enabled
[website] 

Title
[store view]

Description
[store view]

Payment from Applicable Countries
[website] 

Payment from Specific Countries
[website]

- Afghanistan
- Aland Islands
- Albania
- Algeria
- American Samoa
- Andorra
- Angola
- Anguilla
- Antarctica
- Antigua & Barbuda

Accepted Currencies
[website]

- United Arab Emirates dirham (AED)
- Argentine peso (ARS)
- Australian dollar (AUD)
- Azerbaijani manat (AZN)
- Bulgarian lev (BGN)
- Bahraini dinar (BHD)
- Brazilian real (BRL)
- Belarusian ruble (BYN)
- Canadian dollar (CAD)
- Swiss franc (CHF)

Use Base Currency
[website] 

This currency will be used for Saferpay transactions.

Display Payment Id
[store view]

Yes

Display Payment ID in order

Pre-authorize transaction
[website]

No

If pre-authorization is enabled always choose the Capture type as Manual

Capture Type
[store view]

Manual Capture

Autocapture will capture the amount and generate invoice instantly after order completion while manual capture will reserve the amount.

Authorisation Method
[store view]

Payment Page

This authorisation method is used for processing payment method.

Invoice Generation
[store view]

Manual

Automatic option will generate invoice upon placing order based on capture status.

Send Customer Address
[store view]

Do not send address

This option will send customer address to Saferpay.

Display card holder name on saferpay
[store view]

Yes

Send Customer confirmation email from Saferpay
[store view]

No

Email address to which a confirmation email will be sent to the customer after successful authorizations.(Applicable only for payment page authorization)

Show Payment Icon
[store view]

Yes

Minimum Order Total
[website]

Maximum Order Total
[website]

Sort Order
[website]

8. Authorisation Method

Authorisation Method defines how the payment method is displayed and processed. Some payments support multiple authorisation methods while others support single.

- Payment page – During the order processing the user is redirected from the Magento shop to the Saferpay payment gateway to process the payment. On successful completion of the payment the user will be redirected back to the Magento shop. The Saferpay Payment Page Interface is intended for a simplified and universal integration of the payment process by using the PaymentPage payment form. The Saferpay Payment Page can be used both with a Saferpay eCommerce license and with a Saferpay business license. All Saferpay supported payment methods can be processes with the Payment Page Interface.
- Transaction Interface - During the order processing the user is served with Saferpay payment forms opened in a lightbox within the Magento shop. The Transaction Interface is an extension to Payment Page Interface. It offers the Hosted Entry Form (HEF) to process card payments seamlessly. This interface can also be used in combination with Secure Card Data to store/tokenize payment data during the payment process. The Transaction Interface is only for holders of a business licence on the live system
- Saferpay Fields - will be hosted on Saferpay-side and will offer you a level of flexibility and the possibilities, similar to using your own form. The data is captured by a fully PCI-certified system.

9. Capture Type

This indicates how payment provider should behave when order is created. There are two options:

- Autocapture: It will automatically capture the amount in the order.

- Manual capture: The payment will be authorized, but merchant will have to capture manually from shop Backend
- In the latest Magento versions up to and including 2.4.8-p3, manual capture and cancellation of invoices may not function as expected. This is Magento issue identified and the following patches address the solution:

[Patch for Invoice Cancelation](#): Addresses issues related to cancelling invoices.

[Patch for Manual Invoice Capture](#): Resolves manual invoice capture problems.

10. Invoice Generation

This field determines when to generate invoice for the payments made through Saferpay if the capture type is set to Manual.

For automatic Captures invoice will be generated instantly after payment in paid state.

- Manual: Invoice should be generated manually by merchant from Magento Backend.
- Automatic: Invoice will be generated automatically upon payment authorize in pending state.

11. Send Invoice Email

If “send invoice” is enabled, invoice email is sent automatically after invoice capture.

12. Pre-Authorize Transaction

When set to true the transaction is processed as pre-authorization otherwise as final authorization. If pre-authorization is selected, the capture of the payment is prevented even though the capture type is “Autocapture”.

13. Show Payment Icon

When enabled, the payment brand icon will be shown in checkout page and order email.

14. Display Payment ID

This field determines whether transaction Id of the payment should be displayed in order confirmation page and order email.

15. Send Customer Address

This option will send customer address to Saferpay.

16. Display card holder name on Saferpay

This parameter let you customize the holder name field on the card entry form. Per default, a mandatory holder name field is shown.

17. Register alias and use during checkout

By enabling this, the customer can register cards and use it for future payments. Card details will be stored in Saferpay. This option is available only for Transaction Interface Authorisation method.

18. Send Customer confirmation email from Saferpay

Confirmation email will be sent to the customer after successful authorizations from Saferpay (Applicable only for payment page authorization)

19. Minimum Order Total

Using this field merchant can set a minimum order limit. If the grand total of the order is less than the Minimum Order Total value, the payment cannot be processed through the payment method.

20. Maximum Order Total

You can specify the maximum amount for the transaction that can be processed through this payment method.

21. Sort Order

This option is for sorting the payment methods to display in the checkout page.

Once you have configured Saferpay payment method, review all the settings carefully. If everything is fine, click Save Config button at the top right corner.

22. Payment Brands

This configuration is available only for Credit Card , Applepay and Googlepay payments. It enables the merchant to choose the payment brands which will be accepted by these payments. By default, all brands are selected.

The selected brands will be accepted only if it supports the currency opted for Saferpay transactions.

Payment Brands
[store view]

Visa
MasterCard
Maestro
American Express
Diners Club
Bancontact
JCB

23. Saferpay Fields CSS URL

Configuration specific to Credit Card payment. It defines the url to an external CSS, to be applied to Saferpay Fields if the merchant wants to customize the existing design.

Saferpay Fields CSS URL
[store view]

This css url will be used to style Saferpay Fields. You can enter your custom designs here if you want to change default design. This file must be hosted on a SSL/TLS secured web server (the url must start with https://) Example: https://merchanthost/merchant.css.

This preselect feature can be enable/disable from ideal backend configuration.

SAFERPAY FEATURES

DESIGN CUSTOMIZATION

If you want to customize the default design of Saferpay interface, Saferpay provides the following options

1. CSS-Styling

The CSS styling-options can be used over following methods.

- Payment page
- Transaction Interface
- Alias Insert

Note: The CSS file that is referenced by the `CssUrl` parameter must be stored on a web server that supports HTTPS.

2. Theme

This parameter let you customize the appearance of the displayed payment pages. Per default a lightweight responsive styling will be applied. If you don't want any styling use 'NONE'.

3. Payment Page Configuration

You can create different PP configurations to be applied over Transaction initialize and PaymentPage Initialize. The configuration itself can be created inside the Saferpay Backend under "Settings > Payment Page Configuration".

Note: If a custom CSS is provided, any design related settings set in the payment page config (PPConfig) will be ignored and the default design will be used.

ORDER MANAGEMENT

CAPTURE PAYMENT

If in the payment configuration “Capture type” is set to “Automatic”, merchant don’t need to do anything from Magento backend. Payments will be captured automatically by the system and no adjustments is possible for created invoice.

When the “Capture type” is set to “Manual”, merchant will have to capture payments manually through backend.

In order to create invoice, follow these steps

1. Open the order you want to create invoice
2. Click on the invoice option in header of the sales order
3. Ensure that Capture Online is selected at the bottom of the Invoice
4. Click Submit Invoice. If successful, an invoice will be created.

Invoice Totals

Subtotal	CHF305.11
----------	-----------

Shipping & Handling	CHF10.00
---------------------	----------

Grand Total	CHF315.11
--------------------	------------------

Amount



Append Comments

Email Copy of Invoice

Submit Invoice

If the Capture type is set to Manual and Invoice generation to Automatic, then invoice will be created in pending state. All you need to do is to capture that invoice.

MULTIPART CAPTURE

Saferpay offers the option to do Partial Captures on transactions made with only certain payment methods. Magento supports multiple invoices for an order and each invoice can be captured separately. Please note that magneto doesn't support multiple capture of a single invoice.

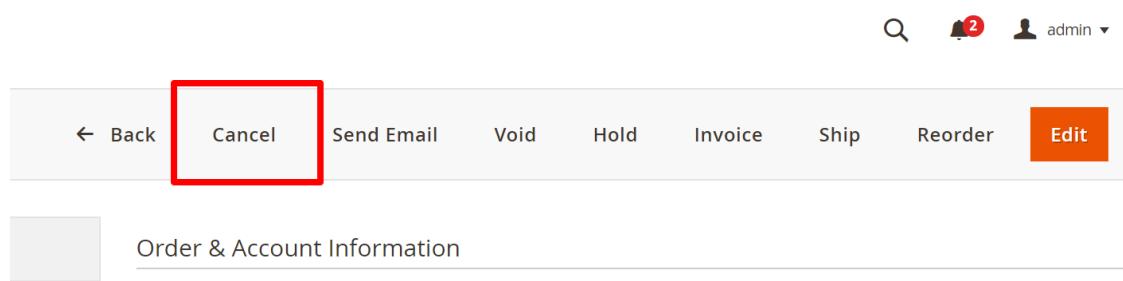
Multipart capture can be used over following methods

- Visa
- Mastercard
- Maestro
- American Express
- Diners
- JCB
- PayPal
- Klarna
- PostFinance Pay
- Wero (Depends on configuration plan, Available for Event Dependent plan)

CANCEL PAYMENT

Only authorized, but not captured orders can be cancelled. Cancellation of an order prevents any future change from being made to it.

In order to cancel an order, click on the Cancel option in header of the sales order.



The screenshot shows a software interface for managing sales orders. At the top, there is a navigation bar with a magnifying glass icon, a notification bell with a red '2', and a user profile for 'admin'. Below the navigation bar, there is a toolbar with several buttons: 'Back', 'Cancel' (which is highlighted with a red box), 'Send Email', 'Void', 'Hold', 'Invoice', 'Ship', 'Reorder', and 'Edit'. The 'Cancel' button is the second button from the left in the toolbar. Below the toolbar, there is a section titled 'Order & Account Information'.

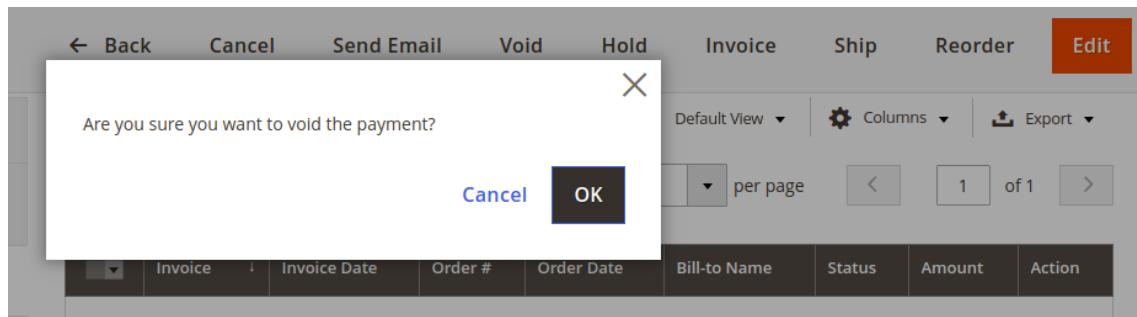
VOID PAYMENT

Authorized transaction can be cancelled by issuing a void in Magento. It will initiate money flow to the card holder by cancelling the transaction and prevent any further online transaction process for that order.

Note: Captured transaction cannot be cancelled but can be refunded.

To Void payment, follow the below steps

1. Go to Sales -> Orders and open the order you want to cancellation
2. Click on the Void option in header of the sales order and confirm the Void
3. Confirm the transaction and if successful it gets cancelled



REFUND PAYMENT

Captured transactions can be refunded. Multiple refunds are possible on each invoice.

In order to refund payment, follow these steps

1. Open the order and navigate to invoice section
2. Select the invoice that you would like to refund and enter the invoice page by clicking View

3. Click on Credit Memo option in the invoice page
4. Adjust the item to refund by editing “Items to refunds” section
5. Edit the Refund Totals Section to adjust the amount to refund. It is not possible to refund more than the total order amount.
6. Click the Refund button at the bottom of the page.
7. If successful, credit memo will be issued.

Note: Online credits can only be issued only from the invoice page in Magento, and not from the Order page.

Items to Refund									
Product	Price	Qty	Return to Stock	Qty to Refund	Subtotal	Tax Amount	Discount Amount	Row Total	
Simple product 2 SKU: Simple product 2	CHF205.11	Ordered 1 Invoiced 1	<input type="checkbox"/>	<input type="text" value="1"/>	CHF205.11	CHF0.00	CHF0.00	CHF205.11	
Simple Product SKU: Simple Product	CHF100.00	Ordered 1 Invoiced 1	<input type="checkbox"/>	<input type="text" value="1"/>	CHF100.00	CHF0.00	CHF0.00	CHF100.00	

Order Total											
Credit Memo Comments	Refund Totals										
Comment Text	<table border="1"><tr><td>Subtotal</td><td>CHF305.11</td></tr><tr><td>Refund Shipping</td><td><input type="text" value="10"/></td></tr><tr><td>Adjustment Refund</td><td><input type="text" value="0"/></td></tr><tr><td>Adjustment Fee</td><td><input type="text" value="0"/></td></tr><tr><td>Grand Total</td><td>CHF315.11</td></tr></table>	Subtotal	CHF305.11	Refund Shipping	<input type="text" value="10"/>	Adjustment Refund	<input type="text" value="0"/>	Adjustment Fee	<input type="text" value="0"/>	Grand Total	CHF315.11
Subtotal	CHF305.11										
Refund Shipping	<input type="text" value="10"/>										
Adjustment Refund	<input type="text" value="0"/>										
Adjustment Fee	<input type="text" value="0"/>										
Grand Total	CHF315.11										
<input type="checkbox"/> Append Comments											
<input type="checkbox"/> Email Copy of Credit Memo											

TRANSACTION OVERVIEW

Transaction overview section provides overview for an order at a glance. This section contains information about sales transaction, 3Ds check and card

Payment & Shipping Method

Payment Information



Applepay

Payment Method	VISA
----------------	------

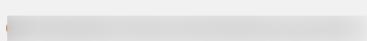
Authorization Method	PaymentPage
----------------------	-------------

Transaction Mode	test
------------------	------

Transaction authorised	Yes
------------------------	-----

Authorization Amount	315.11
----------------------	--------

Currency	CHF
----------	-----

Payment ID	
------------	---

Overall Liability Shift	Authenticated
-------------------------	---------------

3Ds Authentication	Authenticated
--------------------	---------------

Captured Amount	315.11
-----------------	--------

Transaction Captured	Yes
----------------------	-----

Payment Method Name	VISA
---------------------	------

Card Number	xxxx xxxx xxxx 0001
-------------	---------------------

Card Expiry	2022
-------------	------

Card Country	CH
--------------	----

Acquirer Reference	95370771770
--------------------	-------------

Mar 30, 2020 6:17:50 PM | AUTHORIZED
Gfb9EA8Cd5KvAOQhE0zArp4x9vb
The amount of 315.11 is authorized

Mar 30, 2020 9:45:07 PM | CAPTURED
Kh99zfbIA4G9UACGlrh7A2W1Kt7b_c
The amount of 315.11 is captured

The order was placed using CHF.

In case of payment failure this section will provide the error details if available from API response

Payment & Shipping Method

Payment Information



Visa

Authorization Method	Iframe
Transaction Mode	test
Transaction authorised	No
Aug 14, 2020 12:26:31 PM TRANSACTION FAILED	
Transaction failed	
{ "ResponseHeader": { "SpecVersion": "1.17", "RequestId": "AqUgwjEpWM6eelYDKbq2VThvDq5kAIMTP2r" }, "Behavior": "ABORT", "ErrorName": "3DS_AUTHENTICATION_FAILED", "ErrorMessage": "3D-Secure authentication failed" }	

The order was placed using EUR.

ALIAS MANAGER

Alias Manager allows your customer to save the credit card information and to reuse the saved information for future payments.

Saferpay Secure Card Data, or SCD for short, is a service for saving sensitive payment means information in the certified Saferpay data center. By using SCD, the payment data is separated from the merchant application and no longer comes into contact with it. The stored secure Card data can be referred from future payments initiated via Transaction" interface.

This feature is available for payment methods that supports secure card data. Sensitive payment data is stored only in certified Saferpay data centre. If the settings, "**Register alias and use during checkout**" is enabled, logged in customers can save and use their card for future transactions.



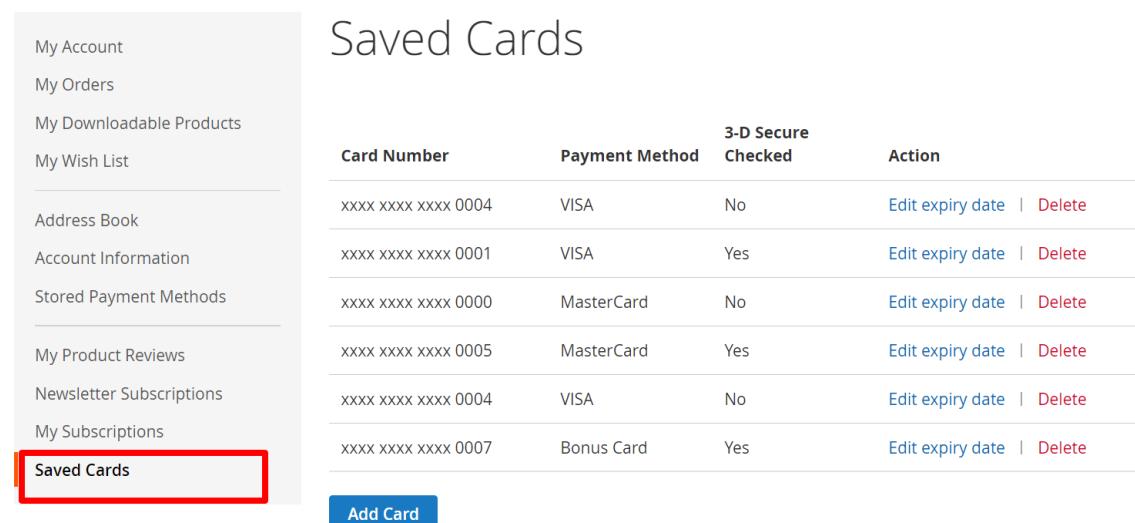
Pay with Mastercard

Save Card Details

Choose from the saved cards

Place Order

In addition to this, customer can manage the saved cards from his customer account.



My Account

My Orders

My Downloadable Products

My Wish List

Address Book

Account Information

Stored Payment Methods

My Product Reviews

Newsletter Subscriptions

My Subscriptions

Saved Cards

Add Card

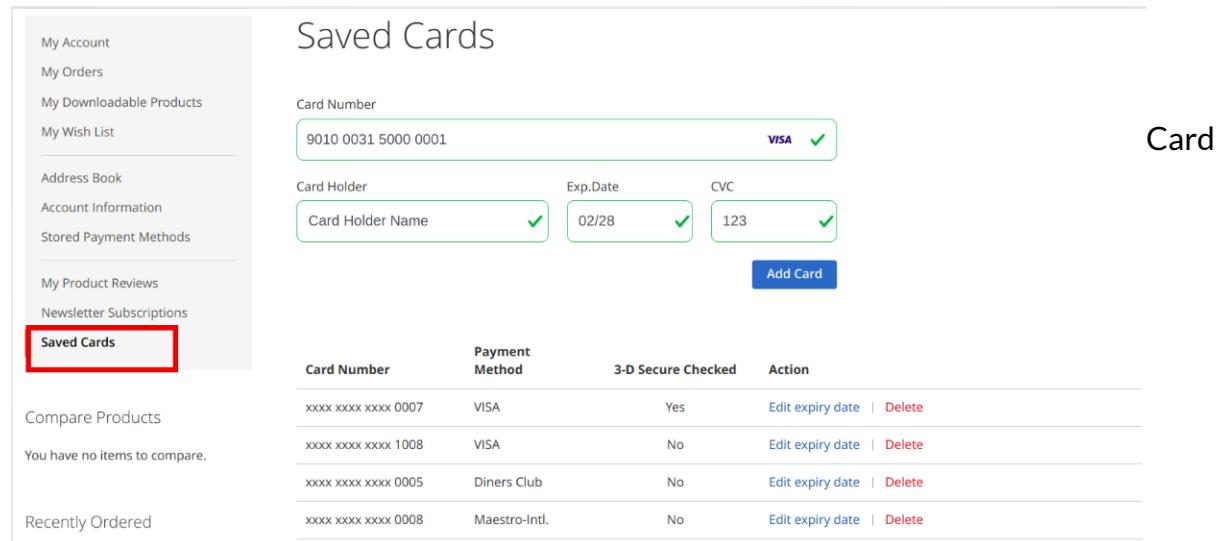
Card Number	Payment Method	3-D Secure Checked	Action
xxxx xxxx xxxx 0004	VISA	No	Edit expiry date Delete
xxxx xxxx xxxx 0001	VISA	Yes	Edit expiry date Delete
xxxx xxxx xxxx 0000	MasterCard	No	Edit expiry date Delete
xxxx xxxx xxxx 0005	MasterCard	Yes	Edit expiry date Delete
xxxx xxxx xxxx 0004	VISA	No	Edit expiry date Delete
xxxx xxxx xxxx 0007	Bonus Card	Yes	Edit expiry date Delete

A new tab “Saved Cards” is added in the My Account page of Magento from which customers can add, update and delete cards from his account. Merchant can enable or disable saved card option through general configuration “Enable Saved Cards Option”

Customer can add below types of payment means to customer account

- 1) Cards
- 2) Twint – Saved card data is used only for recurring payments
- 3) Postfinance - Saved card data is used only for recurring payments

Customer can enter and submit the card data in Saferpay hosted card entry form from the account page. If additional security check is required so as to perform actions like 3D Secure and/or DCC, a Saferpay page will be opened in Lightbox



Card Number	Payment Method	3-D Secure Checked	Action
xxxx xxxx xxxx 0007	VISA	Yes	Edit expiry date Delete
xxxx xxxx xxxx 1008	VISA	No	Edit expiry date Delete
xxxx xxxx xxxx 0005	Diners Club	No	Edit expiry date Delete
xxxx xxxx xxxx 0008	Maestro-Intl.	No	Edit expiry date Delete

Number – Displays the masked credit card number provided by Saferpay

Payment Method – Saved card type.

3-D Secure Checked – For some cards like Saferpay do 3D secure check while adding cards. Such cards can be identified from here. Please note that only 3D secured cards can be used for recurring payments if the general settings “**Recurring SCA challenge for PSD2 Compliance**” is enabled.

Customers have the option to update the expiry date of the card that is already saved.

BACKEND ORDERS

Saferpay payment methods can be used for creating orders from Magento backend. The payments can be processed only through Transaction Interface. So please be careful about the authorization method you opted for corresponding payments.

Follow below steps to create order using backend

1. Go to Admin Panel > Sales > Orders and press the Create New Order button.
2. Choose the customer you want to create the order for.
3. Once you've selected a customer you need to choose which store view you want the order to be created on.
4. Add products to order
5. Enter Customer Address Information
6. Choose the payment and shipping methods

You will be redirected to payment gateway after submitting order

Payment & Shipping Information

Payment Method

- Diners
- Jcb
- American Express
- Mastercard
- Check / Money order
- Visa

 You will be
redirected
to payment
form after
submitting
order

Shipping Method*

Flat Rate

- Fixed - **CHF5.00**

7. After reviewing the order click on “Submit Order” button.

8. The browser is redirected to the payment gateway. The merchant proceeds to payment by filling in the card details transmitted by the buyer and completes the transaction

9. After successful payment the browser is redirected to the order detail page.

CRON FOR CLEARING ABANDONED ORDERS

When the buyer has not completed the payment and the payment session has expired the order will be in “pending payment” state. A cron is automatically setup for clearing those orders.

As for all the other extensions, make sure you have configured and activated the job scheduler (crontab) as explained in the Magento documentation:

<https://experienceleague.adobe.com/en/docs/commerce-operations/configuration-guide/cli/configure-cron-jobs>

ERROR LOGS

Error Log section provides information about transactions performed by Saferpay that could not be completed successfully.

Error details provided by payment gateway will be logged and displayed under System > Configuration > Sales > Saferpay Error Log section.

RECURRING PAYMENT MODULE

COMPATIBILITY WITH AMASTY RECURRING PAYMENT EXTENSION

This extension offers subscriptions alongside regular products to trigger long-term repeat sales. It allows customers to simultaneously purchase both regular products and subscriptions.

Please refer https://amasty.com/docs/doku.php?id=magento_2:subscriptions-recurring-payments for more information about the extension.

We have implemented Saferpay Magento module to be compatible with the Amasty Recurring payment extension version 2.4.0. After installing the Saferpay and Amasty recurring payment module, all of the Saferpay payment methods will get listed in the Amasty Recurring supported payment gateway list. Only the selected payment methods will be listed in the checkout page for subscription orders.

Supported Payment Gateways
[website]

- Saferpay Visa
- Mastercard
- American Express
- Saferpay Diners
- Saferpay Jcb
- Saferpay PostFinance Card (SCD)
- Saferpay MyOne
- Saferpay SEPA ELV 
- Saferpay Twint (SCD)
- Saferpay Creditcard
- Saferpay Applepay

If your customer adds any subscription product to the cart, only gateway specific payment methods will be available at checkout. Make sure selected payment gateways are properly configured by going to [Stores > Configuration > Sales > Payment Methods](#).

The following Saferpay payment methods are supported for subscription orders.

1. VISA
2. MASTERCARD
- 3 AMERICAN EXPRESS
4. DINERS
5. JCB
6. BONUS CARD
7. MYONE
8. CREDIT CARD (SAFERPAY FIELDS)
9. Apple Pay
10. Google Pay
11. Creditcard / Debitcard
12. Postfinance Pay- Payment possible only if saved card data available
13. Twint - Payment possible only if saved card data available

The child subscription orders are created through amasty cronjob. The cronjob is executed every minute and new subscription orders are placed when the scheduled time arrives. If the subscription payment fails, then the subscription gets cancelled. In case of payment failure due to Soft Decline, a mail will be send to customer notifying about the authentication error.

The payment details are saved in the Saferpay account and not managed inside Magento, thus Saferpay module provides complete security of the sensitive payment details of the customers.

LIMITATIONS IDENTIFIED WITH THE AMASTY EXTENSION

Limitation 1: Cannot place the order when the order total is zero

Steps to Reproduce:

- 1] Access shop backend
- 2] Navigate to Stores > configuration > sales > amasty extension
- 3] Enable free shipping for subscription products, Free trial is enabled and charge initial fee is NO
- 4] Ensure that payment method "ZERO SUBTOTAL CHECKOUT" is enabled
- 5] Try to create an order with a subscription product
- 6] Observe that user cannot place the order when the order total is zero

Limitation 2: On creating an order with Grouped subscription product, the order is created as normal order instead of the subscription

Steps to Reproduce:

- 1] Access the shop as a customer.
- 2] Navigate to the grouped product, ensure subscription is enabled for the same.
- 3] Add to cart & proceed the order.
- 4] Complete order creation
- 5] Check the customer account page.
- 6] The order is not listed @ "My subscription" in the customer account page

Limitation 3: Initial subscription fee for subscription orders with a configurable product or bundle products is wrong

Steps to Reproduce:

- 1] Enable Initial subscription fee.
- 2] Create a subscription order with a configurable product or bundle products
- 3] Observe the initial fee subscription in the total summary of the cart page

Limitation 4: Initial subscription fee is displayed in all subscription mails even though this is not valid for the further subscription orders

Steps to Reproduce:

- 1] Enable Initial subscription fee.
- 2] Create a subscription order.
- 3] Observe the subscription mail of the second subscription and further subscription orders.
- 4] The initial fee is displayed in the mail even though it is not valid.

API SPEC VERSION UPDATES

1.19 to 1.23

- Crypto payments integration in the Saferpay Payment Page
- Added Klarna Payments support for Italy and France
- New currencies for SOFORT-PLN, HUF und CZK added
- New logo updated for Bancontact and iDeal payments
- EPS Refunds supported
- Removed Bonus Card payment

1.23 to 1.24

- Implementation of refunds of crypto payments
- Soft decline handling of recurring transaction
- Management API: Added configuration in Magento backend to create Saferpay Fields access tokens via API

- Added notification URLs in Transaction/Initialize
- Support for Fraud intelligence business
- Pre-authorizations and multipart-captures for additional brands (American Express, Diners Club International / Discover Card, JCB)
- Klarna Payments: Support for extended merchant data
- SuccessNotifyUrl and FailNotifyUrl in PaymentPage/Initialize
- Supports additional payment page language (Bulgarian and Icelandic)
- Saferpay Fields improvements

1.25 to 1.28

- Integrated Google Pay payment method in Payment page and Transaction interface
- Integrated Apple Pay in Transaction interface
- Added option to save and use alias card for Google Pay payment in Transaction Interface
- Added option to save and use alias card for Apple Pay payment in Transaction Interface
- Integrated Fraud Intelligence Device Fingerprinting for more accurate fraud check
- Showed Markup and ExchangeRate values of DCC in backend order view section
- Showed Paypal customer email data in backend order view section
- Prevent API-refunds exceeding captured amount
- Management API: Added validation check to each payment while enabling saferpay payment method from Magento backend. This checks whether the specific payment is activated in saferpay terminal or not
- Management API: Retrieved logo URLs of available Payment Methods and displayed in the checkout payment section.

1.29 to 1.30

- Klarna Payments improvements payments
- iDEAL issuer preselection change- remove Handelsbanken from the list of iDEAL issuers

Recurring

- Integrated Apple Pay and Google Pay payment methods for recurring payments
- Integrated Twint and Postfinance cards for recurring payments via Direct authorization. Payment possible only if saved card data is available in customer account
- Removed Maestro and Bancontact payments from recurring payments

1.31 to 1.34

- "Auto Configure" option is added in Saferpay General Configuration to automatically configure available payments.
- Changes in Return url for Payment page, Transaction page, and Saferpay field transactions.
- Added NotifyUrl to the SecureCardData/AliasInsert request.
- Removed Fraud Intelligence changes: DeviceFingerprint was removed from all versions.
- Removed UNIONPAY as valid value from field PaymentMethods in SecureCardData/AliasInsert requests.

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.

Recurring

- enabled new payment method "Creditcard/Debitcard" for recurring payments.

1.36 to 1.38

- 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.
- 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.
- Added new the payment method ACCOUNTTOACCOUNT

Improvements

- Plugin version upgraded to 1.2.2
- Removed Extra level authentication configuration and replaced it with Force SCA feature configuration
- Transaction overview section will display "3Ds Authentication Type" if 3ds data available
- Removed manual capture option from Capture type for ePrzelewy payment
- Removed Refund support for Crypto payments

- Parameter 'HolderName' is set to "mandatory" if configuration 'Display cardholder name on saferpay' set to 'Yes' in the Magento backend payment method settings
- Saferpay module is made compatible with Magento 2.4.6-p4 version
- Saferpay recurring module is made compatible with Amasty Subscriptions & Recurring Payments Version 2.0.0

1.39 and 1.40

- Added new payment method WeChatPay.
- Enabled PostfinancePay, for Recurring Payments.
- POSTFINANCE and POSTCARD have been removed as valid values for PaymentMethods in PaymentPage/Initialize requests.
- BANCONTACT has been removed as a valid value for PaymentMethods in Alias/Insert.
- The Styling container has been removed from PaymentPage/Initialize in all API versions.
- PaymentPage/Assert can now be called up to 120 hours for pending transactions, extending from the previous limit of 96 hours.

Improvements

- Plugin version upgraded to 1.2.3
- Saferpay module is made compatible with Magento 2.4.7 p1 version
- Saferpay recurring module is now compatible with Amasty Subscriptions & Recurring Payments Version 2.0.0.
- Added Save Card Alias Fields for CreditCard.
- Added option to capture the invoice that got interrupted due to Saferpay error.
- Compatible with Hyva theme Version 1.3 and Hyva checkout Version 1.1.

1.41 to 1.43

- Added additional info about the used ISO-standard and applied restrictions to field LanguageCode of the Payer container and SecureCardData/AliasInsert requests
- Added new payment method Blik.
- Added new payment method Click to Pay.

Improvements

- Plugin version upgraded to 1.2.4
- Saferpay module is made compatible with Magento 2.4.7 p3 version
- Saferpay recurring module is now compatible with Amasty Subscriptions & Recurring Payments Version 2.0.0, 2.1.0 & 2.2.0
- GraphQL support for Magento versions from 2.4.0 to 2.4.7 p3
- Compatible with Hyva theme Version1.3 and Hyva checkout Version 1.1.

1.44 to 1.45

- Added new payment method Reka.
- removed BONUS and MYONE as valid values for the field PaymentMethods
- removed A2A from the request in Transaction/Refund
- added PayerNote to request: Transaction/Refund
- new function in Saferpay Management API for deleting Fields AccessTokens
- new function Alias/Inquire
- removed subcontainer Ideal from container PaymentMethodsOptions in PaymentPage/Initialize

Improvements

- Plugin version upgraded to 1.2.6
- Saferpay module is made compatible with Magento version 2.4.0 to 2.4.8
- Saferpay recurring module is now compatible with Amasty Subscriptions & Recurring Payments Version 2.3.0
- Added Hyvä compatibility to the Saferpay Recurring module.
- GraphQL support extended for Magento versions from 2.4.0 to 2.4.8.
- Compatible with Hyva theme Version 1.3.14 (CSP enabled) and Hyva checkout Version 1.3.2.
- Implemented an error notification for customers in case of a Saferpay API outage at checkout.

1.46 to 1.49

- Added new payment method Wero.
- Removed payment methods GIROPAY, PAYDIREKT, SOFORT and WLCRYPTOPAYMENTS as they are no longer supported
- WeChat Pay & Alipay+ are available in currency Hungarian Forint.
- Klarna Payments is available for merchants in countries Czech Republic and Slovakia.

Improvements

- Plugin version upgraded to 1.2.9
- Saferpay module is made compatible with Magento version 2.4.0 to 2.4.8-p3
- Saferpay recurring module is now compatible with Amasty Subscriptions & Recurring Payments Versions 2.30, 2.4.0
- GraphQL support extended for Magento versions from 2.4.0 to 2.4.8-p3.
- Compatible with Hyva theme Version 1.4.2 and Hyva checkout Version 1.3.8.