

USER GUIDE SAFERPAY MODULE FOR PRESTASHOP 1.6 AND 1.7

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Public

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1 ABOUT DOCUMENT

Version no.	Version date	Status	Edited by	Most important edit(s)
V1.00	2020-01-13	Released	Simonas Jusas, Invertus	Prepared initial document version
V1.01	2020-01-21	Released	Simonas Jusas, Invertus	Added instructions how to find Terminal ID and API key in Saferpay management interface. Include improvement done by Torben
V1.02	2020-01-27	Released	Erich Zeiler-Rausch, SIX Payment Services	Adaptation
V1.03	2020-01-30	Released	Simonas Jusas, Invertus	Added chapters „How to find the module“ and „Order management“
V1.04	2020-02-18	Released	Erich Zeiler-Rausch, SIX Payment Services	Module renamed to saferpayofficial.zip
V1.07	2021-04-14	Released	Simonas Neliubšys, Invertus	Added latest functionalities of the module incl. ApplePay and Klarna Payments
V1.13	2021-10-20	Released	Simonas Neliubšys, Invertus	Added latest updates, cryptocurrencies major update
V1.14	2022-02-14	Released	Nida Mickevičė, Invertus	Added latest functionalities of the module incl. GooglePay and MasterPass Payments
V1.15	2022-04-21	Released	Justas Vaitkus Invertus	Email Sending chapter updated regarding issues with PrestaShop 1.6

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2 DESCRIPTION

Saferpay - easy, flexible, secure - 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.


Use of the Saferpay PrestaShop requires the following:

- A corresponding license for the Saferpay module.
- The existence of a valid identification with a username and password for the Saferpay Backoffice.
- Respective API credentials for the Saferpay Live- and/or Test environment
- Availability of at least one active Saferpay terminal via which payment can be carried out and the associated
- Availability of Saferpay terminal number (Terminal ID parameter) and Saferpay customer number (Customer_ID parameter).
- Availability of valid acceptance agreement for credit cards or other payment methods.

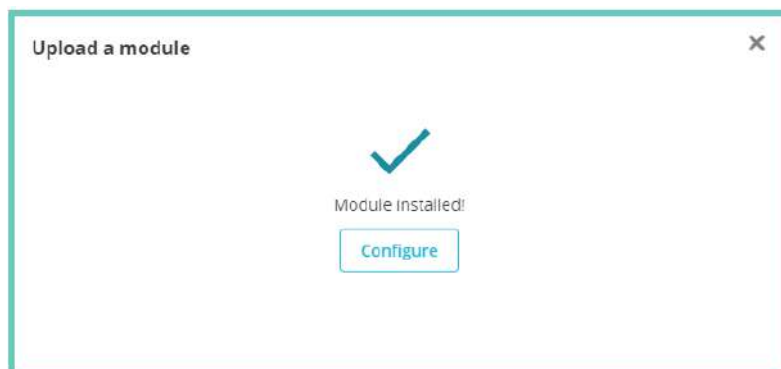
3 INSTALLATION GUIDE

3.1 PRESTASHOP WAY

- Log into Backoffice.
- Navigate to Modules -> Modules manager menu
- Click on Upload a module button, dialog box will appear

 Upload a module

- Drag & drop saferpayofficial.zip file in to Upload a module dialog.
- You will receive **Module installed!** success message:



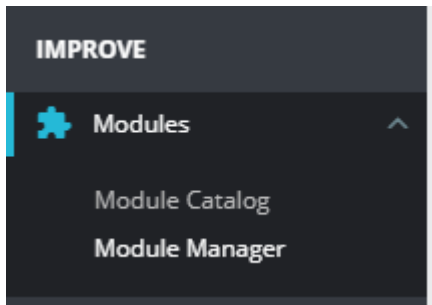
3.2 FTP WAY

- Download saferpayofficial.zip file to your computer
- Extract it
- Upload Saferpay folder into PrestaShop modules directory
- Log into Backoffice
- Navigate to Modules -> Modules Catalog menu
- Type module name in the search.
- Hit the Install button to finish installation

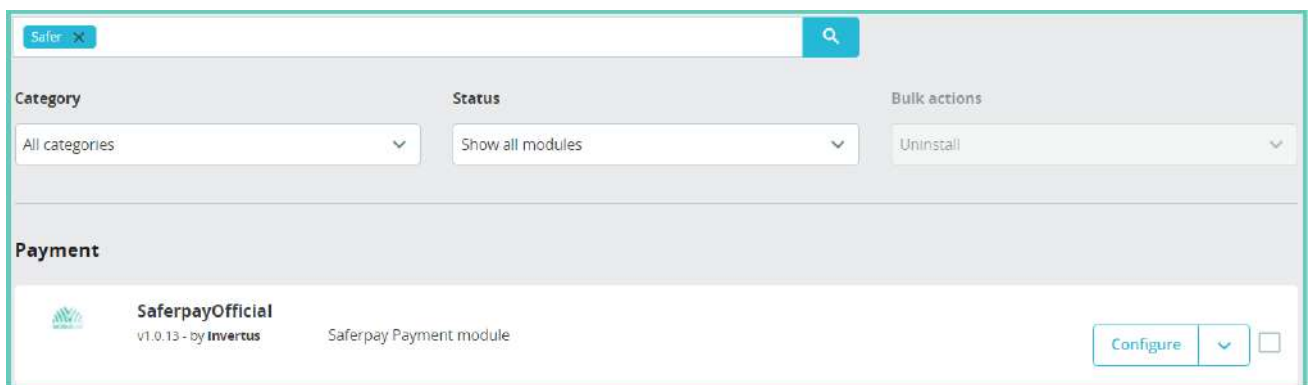
3.3 HOW TO FIND THE MODULE

After installation you will be able to go to configure straight from pop-up, however if you want to come back later there will not be pop-up.

To find Saferpay module go to Modules -> Module manager



Type “Saferpay” in the search field at the top of Module manager page



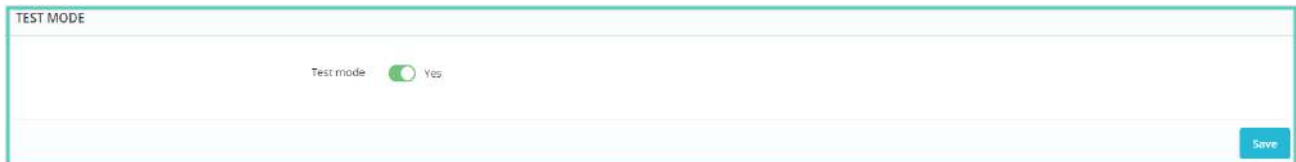
Click “Configure” to access module settings



4 SETTINGS TAB

Settings page is divided into five separate blocks. Let's discuss each block individually.

4.1 TEST MODE



TEST MODE

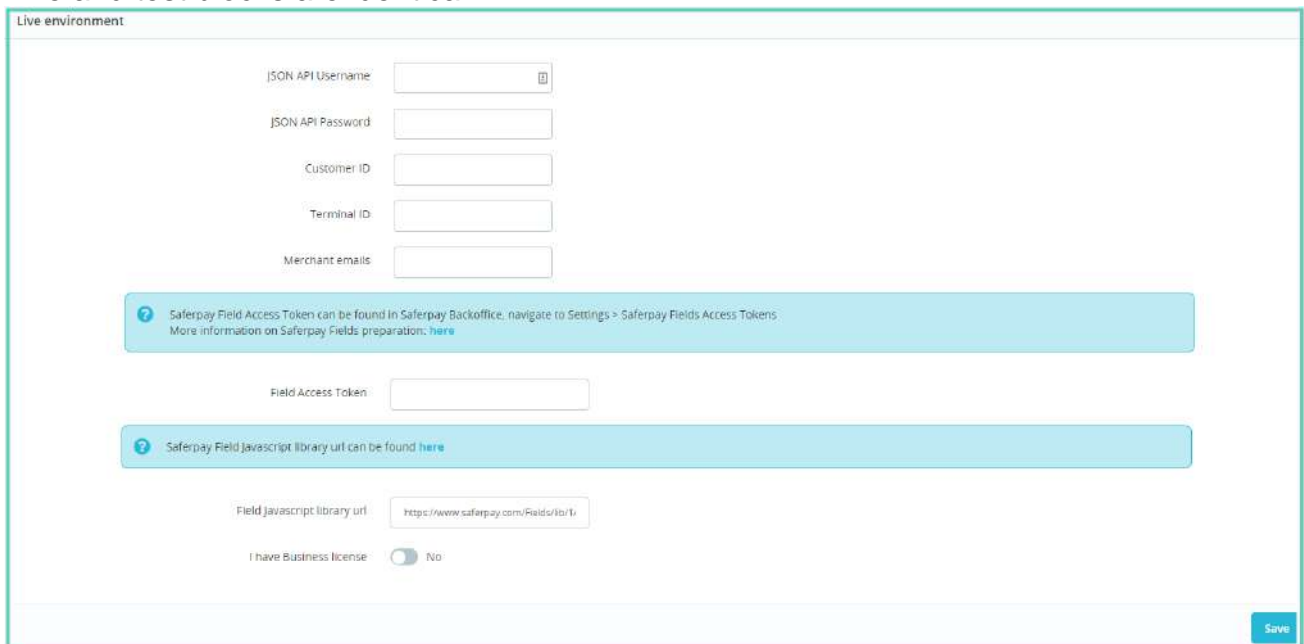
Test mode ☒ Yes

Save

Test mode block consists only of one button. This button will allow merchant quickly switch between live and testing environment if the need occurs. By default, test mode is set to YES, so don't forget to set it OFF when launching the shop.

4.2 LIVE/TEST

Live and test blocks are identical.



Live environment

JSON API Username

JSON API Password

Customer ID

Terminal ID

Merchant emails

Safepay Field Access Token can be found in Safepay Backoffice, navigate to Settings > Safepay Fields Access Tokens. More information on Safepay Fields preparation: [here](#)

Field Access Token

Safepay Field Javascript library url can be found [here](#)

Field Javascript library url

I have Business license ☐ No

Save

Live block has information regarding live environment.

Test block has information regarding test environment. 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](#).

Public

To get JSON API username and password you have to login to Saferpay management interface and go to Settings -> JSON API basic authentication or follow this link

<https://test.saferpay.com/BO/Settings/JsonApiLogin> :

The screenshot displays the Worldline API Management console. The top navigation bar includes the Worldline logo, a 'Test Environment' button, a user profile icon, a 'Customer' dropdown, and a 'Logout' button. The main navigation bar contains links for 'Batch Processing', 'Transactions', 'Risk & Fraud', 'Secure Card Data', 'Secure PayGate', 'Settings' (highlighted in green), and 'Online Support'. The left sidebar lists various settings categories, with 'JSON API basic authentication' selected and highlighted in green. The main content area is titled 'JSON API basic authentication' and features a 'Customer ID' field, which is highlighted with a red box and an arrow. Below this is a light blue note box stating 'Note: You can create up to 10 logins.' A red box and arrow point to the 'Create new JSON API login' button. Below the button is a table with columns for 'Creation Date', 'Username', and 'Description'. The table contains one entry: a checkbox, the date '14.02.2022 10:25', a masked username, and the description 'generated for test account'.

WORLDLINE

Test Environment

Customer

Logout

English

Batch Processing Transactions Risk & Fraud Secure Card Data Secure PayGate Settings Online Support

Settings

Processing

Notifications

Payment Means / Terminals

Shop Plugins

Transaction Points Summary

JSON API basic authentication

JSON API client certificate

Saferpay Fields Access Tokens

Payment Page configuration

IP permissions

Labels

JSON API basic authentication

Customer ID:

Note: You can create up to 10 logins.

Create new JSON API login

<input type="checkbox"/>	Creation Date	Username	Description
<input type="checkbox"/>	14.02.2022 10:25		generated for test account

Click “Create new Json API login” to generate login information for API

You can also see Customer ID in the same page.

To get terminal ID, you need to go to Settings -> Payment means / Terminals or follow this link <https://test.saferpay.com/BO/Settings/Terminal> :

The screenshot displays the 'Payment Means / Terminals' configuration page in the Worldline PayGate interface. The page is divided into a sidebar on the left and a main content area. The sidebar contains navigation links: 'Settings', 'Processing', 'Notifications', 'Payment Means / Terminals' (highlighted in green), 'Shop Plugins', 'Transaction Points Summary', 'JSON API basic authentication', 'JSON API client certificate', 'Saferpay Fields Access Tokens', and 'Payment Page configuration'. The main content area has a header 'Payment Means / Terminals' and a 'Customer ID' field. Below this, there is a 'Terminal' field and a list of payment methods including SPG, American Express, Mastercard, Visa, and others. Red arrows point to the 'Customer ID' and 'Terminal' fields, indicating they are the focus of the configuration.

In this menu item you can see Customer ID and right below it you can see your Terminal ID.

Saferpay has two licenses:

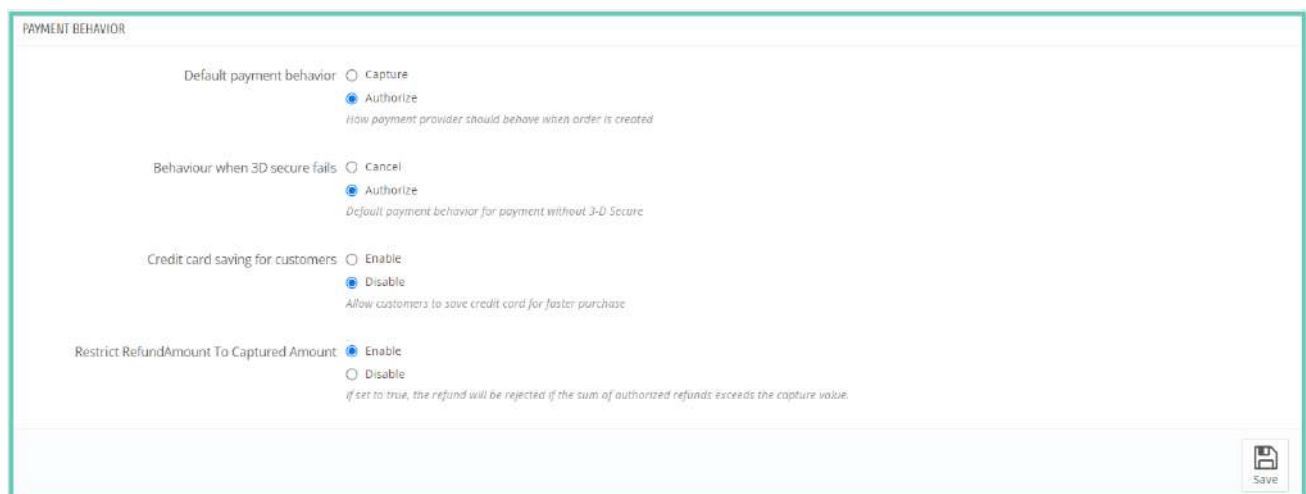
- Saferpay E-Commerce
- Saferpay Secure PayGate

Which one should you get? Saferpay E-Commerce covers basic needs of every merchant. Saferpay Business provides additional functionality such as: refunds via PrestaShop, order management and Secure Data Storage for the buyers.

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

If you have Business license you should set “I have Business license” to YES.

4.3 SETTING



The screenshot shows the 'PAYMENT BEHAVIOR' settings page. It contains four sections, each with a radio button selection and a descriptive subtitle:

- Default payment behavior:** Radio buttons for 'Capture' and 'Authorize' (selected). Subtitle: *How payment provider should behave when order is created*
- Behaviour when 3D secure fails:** Radio buttons for 'Cancel' and 'Authorize' (selected). Subtitle: *Default payment behavior for payment without 3-D Secure*
- Credit card saving for customers:** Radio buttons for 'Enable' and 'Disable' (selected). Subtitle: *Allow customers to save credit card for faster purchase*
- Restrict RefundAmount To Captured Amount:** Radio buttons for 'Enable' (selected) and 'Disable'. Subtitle: *If set to true, the refund will be rejected if the sum of authorized refunds exceeds the capture value.*

A 'Save' button with a floppy disk icon is located in the bottom right corner.

Default payment behavior – how payment provider should behave when order is created. There are two options:

- Capture – automatically capture the amount in the order. Default. Keep in mind that automatic capture in some countries can be against the law.
- Authorize – payment will be authorized, but merchant will have to capture manually.

Behavior when 3-D Secure fails - how payment provider should behave when payment fails to provide 3-D Secure verification. There are two options:

- Cancel – payment will not be accepted. Default.
- Authorize – payment will be authorized, but merchant will have to capture manually. By capturing merchant takes full responsibility on himself.

Credit card saving for customers – add options of secure data storage for faster checkout for the buyer. You can disable it if it confuses your customers.

Restrict refund amount to captured amount reject refund if the sum of authorized refunds exceeds the capture value if set to Enable. You can disable this order refund setting.

Saferpay Fields settings can be changed with possibility to show custom payment form template

4.4 STYLING

If default Saferpay look doesn't fit your website, there are two options how you can change it.

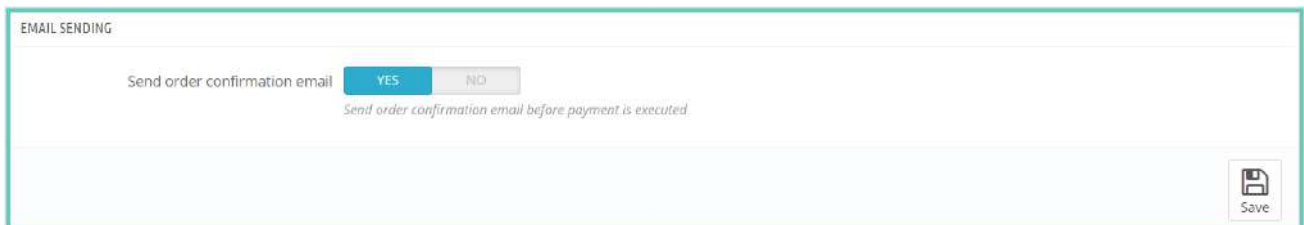
In your Saferpay account there is a possibility to create custom design of payment page with dedicated tools. If you do that, please enter the name of custom design you have created, and it will be loaded in the next checkout session.

In Saferpay Backoffice. See „Settings > Payment Page Configuration “. Note, that it has only limited styling-options, for merchants, that do not want, or cannot deal with CSS.

Another option would be to provide link to your CSS style file, which will be loaded in the next checkout session.

There are, however, some limitations. Information about CSS-Styling can be found here: <https://docs.saferpay.com/home/integration-guide/iframe-integration-and-css#using-css>

4.5 EMAIL SENDING



EMAIL SENDING

Send order confirmation email ☒ YES ☐ NO

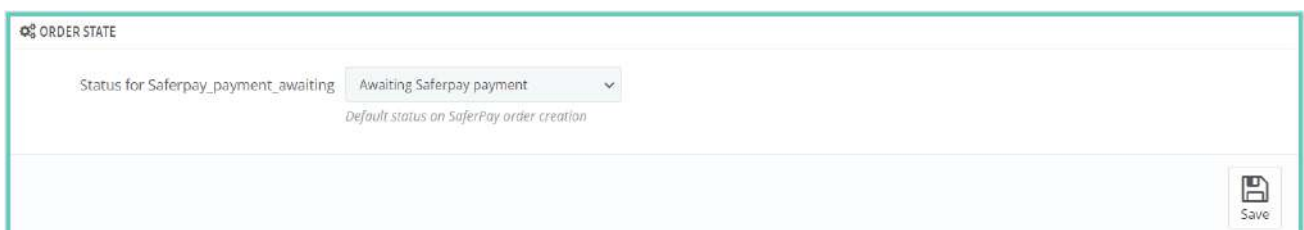
Send order confirmation email before payment is executed

Save

In PrestaShop 1.7 Email sending settings are controlled by only one button. Send order confirmation email, send order confirmation email before payment is executed when set to YES. The email will not be sent if set to NO.

NOTE: PrestaShop 1.6 does not have the same functionality as PrestaShop 1.7, and the function required to send confirmation emails via the SaferPay module is currently not available for the older 1.6 version. The order confirmation email feature is disabled by default and would not work.

4.6 ORDER STATE



ORDER STATE

Status for Saferpay_payment_awaiting

Default status on SaferPay order creation

Save

Order state setting allow to choose status for Saferpay payment awaiting in drop down menu. This status will be default status on SaferPay order creation.

5 PAYMENTS TAB

Payments tab displays all possible payments: Alipay, American Express, Bancontact, BonusCard, Diners Club, Direct Debit (ELV), Eprzelew, Eps, Giropay, iDEAL, Invoice, JCB, Maestro, Mastercard, MyOne, PayPal, Paydirekt, Postcard, PostFinance, Sofort, Twint, UnionPay, Visa, V PAY, ApplePay, Klarna, Crypto Payments. Not all payment will be in your contract so be careful selecting which ones to enable and which ones leave out.

	Enabled	Show logos	Show custom form	Countries	Currencies
All payments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All X	All X
Lastschrift	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		All X	All X
VISA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All X	All X
MasterCard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		All X	All X

You can choose if plain text or showing payment logos suits better to your design.

Some payment methods might support only a few or one specific country, so you have to set correct countries to each payment if you don't want your customers to be disappointed when they will not be able to accomplish payment with their desired payment option.

If you have only one currency you can set it to "All", however if you have five or more different currencies some payments might not support all the currencies so, choose accordingly.

"In the back office we've added possibility to change Awaiting Saferpay Payment default order state" + "safer"


- Awaiting bank wire payment
- Awaiting Cash On Delivery validation
- Awaiting check payment
- Awaiting Saferpay payment**
- Canceled
- Delivered
- On backorder (not paid)

GooglePay and MasterPass payment options are now added, and can be enabled in the back office, to be seen and used in the front office.

Public

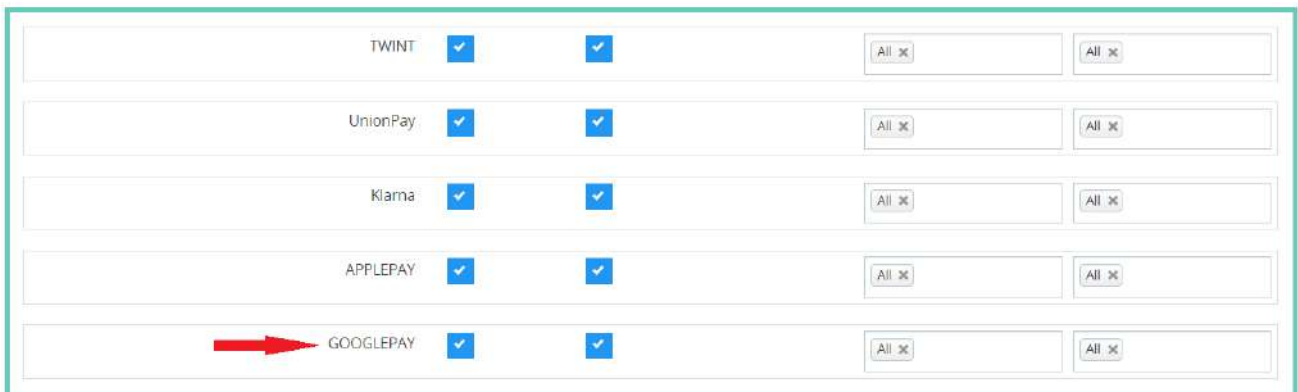


☐ Twint 

☐ UnionPay 

☐ Applepay 

☒ GOOGLEPAY 



TWINT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All x	All x
UnionPay	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All x	All x
Klarna	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All x	All x
APPLEPAY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All x	All x
GOOGLEPAY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	All x	All x

Buyer will see the list of all enabled payments in Saferpay as if they were independent payment providers.

Rule is Logs.

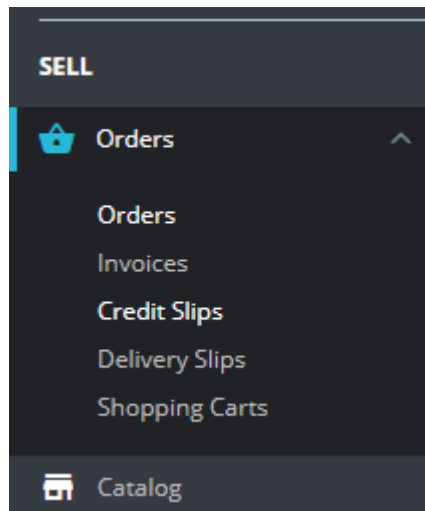
The screenshot displays a network packet capture analysis tool interface. At the top, there is a search bar with the text "ip:10.10.10.1" and a "Message" button. Below the search bar, a list of network packets is shown. The selected packet is a Transaction Request (TransactionRequest) from 10.10.10.1 to 10.10.10.1. The packet details are shown in a tree view on the left and a hex/ASCII view on the right. The hex/ASCII view shows the transaction request structure, including the TransactionRequest header, TransactionRequest body, and TransactionRequest footer. The transaction request body contains a TransactionRequest object with fields like TransactionRequestHeader, TransactionRequestBody, and TransactionRequestFooter. The transaction request footer contains a TransactionRequestFooter object with fields like TransactionRequestFooterHeader, TransactionRequestFooterBody, and TransactionRequestFooterFooter. The transaction request body also contains a TransactionRequest object with fields like TransactionRequestHeader, TransactionRequestBody, and TransactionRequestFooter. The transaction request footer contains a TransactionRequestFooter object with fields like TransactionRequestFooterHeader, TransactionRequestFooterBody, and TransactionRequestFooterFooter.

Messages from API. If required by the
of the log for specific incident time.

7 ORDER MANAGEMENT

7.1 ORDERS

If you go to Orders -> Orders



You will see a lot of orders with various statuses.

ID	Reference	New client	Delivery	Customer	Total	Payment	Status	Date	PDF
388	PJOQWVEXY	No	Germany	I. Saferpay	€23.14	MASTERCARD	Awaiting SaferPay payment	01/27/2020 13:38:13	View
387	PGMEBISUN	No	Germany	I. Saferpay	€23.14	MASTERCARD	Awaiting SaferPay payment	01/27/2020 13:28:49	View
386	WQRBQSVF	No	Germany	P. Jansen	€31.61	VISA	Payment completed by Saferpay	01/27/2020 11:26:38	View
385	UAZAJMSFP	No	Germany	P. Jansen	€43.22	VISA	Order authorization failed by SaferPay	01/27/2020 11:26:00	View
384	RXIGYLRHW	No	Germany	P. Jansen	€13.22	MASTERCARD	Awaiting SaferPay payment	01/27/2020 11:25:06	View
383	CEKTABXS	No	Germany	P. Jansen	€35.09	VISA	Payment completed by Saferpay	01/27/2020 11:12:30	View
382	QGSGLTYDV	No	Germany	P. Jansen	€78.31	IDEAL	Payment completed by Saferpay	01/27/2020 11:11:18	View

Click "View" to see more information about the order and/or perform other actions.

7.2 CAPTURE PAYMENT

If in the settings "Default payment behavior" is set to "Capture", you don't need to do anything. Payments will be captured automatically by the system.

However, if in the settings "Default payment behavior" is set to "Authorize", you will have to capture payments manually.

Public

In order list you will see orders with status “Payment authorized by Saferpay”, these orders will need be captured manually.

To capture the order open the order of your choice and scroll down to Saferpay block.

CS2 SAFERPAY

[CAPTURE](#) [CANCEL THIS ORDER](#)

Transaction details:

Authorization Amount: 35.09	Transaction authorized: No	Transaction paid: AUTHORIZED
Refunded Amount: 0	Card expiry date: 2021/1	Payment ID: K230CCAvEwWbUAC4UnUMbpK4ir2b
Currency: EUR	Transaction uncertain: 0	Liability entity: ThreeDs
	Brand: VISA	Is Payment safe: 1
	Payment Method: VISA	Card number: xxxx xxxx xxxx 0004
		Canceled: No

You will see to actions: “Capture” and “Cancel the order” and all information related to authorized transaction.

Click “Capture” to capture the order.

7.3 CANCEL THE ORDER

Only authorized, but not captured orders can be cancelled. Captured orders can be refunded, but not cancelled.

In order list you will see orders with status “Payment authorized by Saferpay”, these orders can be cancelled.

To cancel the order open the order of your choice and scroll down to Saferpay block.

CS2 SAFERPAY

[CAPTURE](#) [CANCEL THIS ORDER](#)

Transaction details:

Authorization Amount: 35.09	Transaction authorized: No	Transaction paid: AUTHORIZED
Refunded Amount: 0	Card expiry date: 2021/1	Payment ID: K230CCAvEwWbUAC4UnUMbpK4ir2b
Currency: EUR	Transaction uncertain: 0	Liability entity: ThreeDs
	Brand: VISA	Is Payment safe: 1
	Payment Method: VISA	Card number: xxxx xxxx xxxx 0004
		Canceled: No

You will see to actions: “Capture” and “Cancel the order” and all information related to authorized transaction.

Click “Cancel the order” button to cancel the order.

7.4 REFUND PAYMENT

Only captured transactions can be refunded.

In order list you will see orders with status “Payment completed by Saferpay”, these orders can be refunded.

Public

To refund the order open the order and scroll down to Saferpay block.



The screenshot shows the Saferpay module interface for a refund. At the top, there is a header with the Saferpay logo and a 'REFUND' button. Below this, a text input field contains the amount '€ 85.09'. The main section is titled 'Transaction details:' and contains three columns of information. The first column shows 'Authorisation Amount: 85.09', 'Refunded Amount: 0', and 'Currency: EUR'. The second column shows 'Transaction authorized: No', 'Card expiry date: 2021/1', 'Transaction uncertain: 0', 'Brand: VISA', and 'Payment Method: VISA'. The third column shows 'Transaction paid: CAPTURED', 'Payment ID: K230CCAvEwUAC4UnUMbpK2ir2b', 'Liability entity: ThreeDs', 'Is Payment safe: 1', 'Card number: xxxx xxxx xxxx 0004', and 'Cancelled: No'.

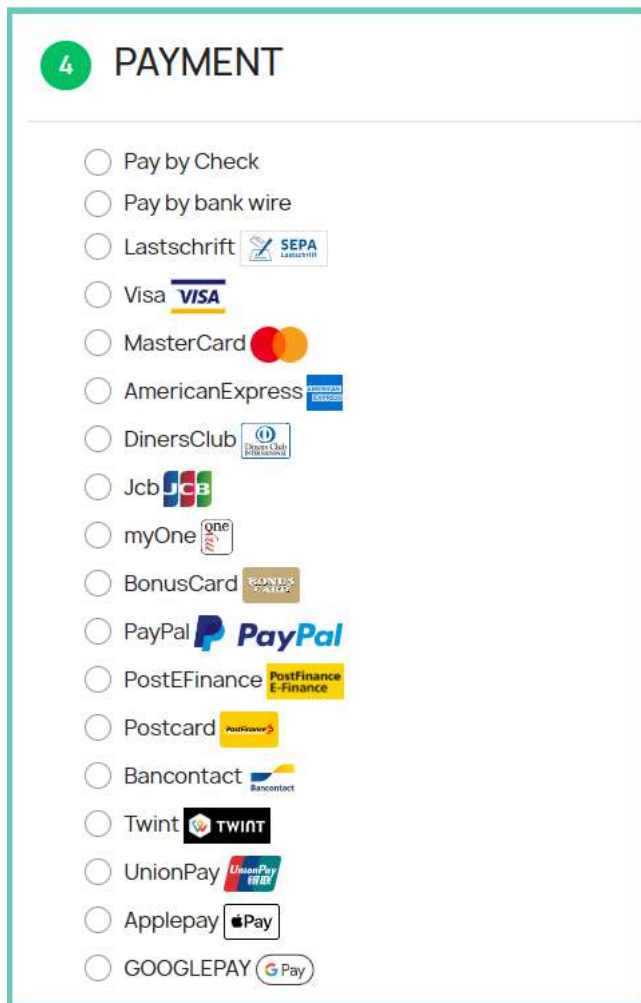
Transaction details:		
Authorisation Amount: 85.09	Transaction authorized: No	Transaction paid: CAPTURED
Refunded Amount: 0	Card expiry date: 2021/1	Payment ID: K230CCAvEwUAC4UnUMbpK2ir2b
Currency: EUR	Transaction uncertain: 0	Liability entity: ThreeDs
	Brand: VISA	Is Payment safe: 1
	Payment Method: VISA	Card number: xxxx xxxx xxxx 0004
		Cancelled: No

You will see input field with prefilled full amount of the order and all information related to captured transaction.

















Input field allows you to perform partial refunds, just enter the amount you want to refund and click the button. If you want to do full refund, you don't need to edit anything, just click "Refund" button. It's not possible to refund more than the total order amount or amount lower than zero.

8 E-SHOP CUSTOMER EXPERIENCE

Buyer will see the list of all enabled payments in Saferpay as if they were independent payment providers:



4 PAYMENT

- ☐ Pay by Check
- ☐ Pay by bank wire
- ☐ Lastschrift 
- ☐ Visa 
- ☐ MasterCard 
- ☐ AmericanExpress 
- ☐ DinersClub 
- ☐ Jcb 
- ☐ myOne 
- ☐ BonusCard 
- ☐ PayPal 
- ☐ PostEFinance 
- ☐ Postcard 
- ☐ Bancontact 
- ☐ Twint 
- ☐ UnionPay 
- ☐ Applepay 
- ☐ GOOGLEPAY 

8.1 CHECKOUT

In the checkout process buyer will encounter Saferpay module only in the last step. Buyer will see the list of all enabled payments in Saferpay as if they were independent payment providers. However, after confirmation everything will go to the same API.

If *Secure data storage* is enabled by the merchant, buyer will see additional options when selecting credit card provider like Visa.

Public



A screenshot of a payment form. At the top, there is a selected VISA card icon and the text "VISA VISA". Below this, there are two radio button options: "Use new card and save it" (which is selected) and "Use new card once".

If buyer will choose first option - „*Use new card and save it*“ – his card will be saved after successful transaction. Next time buyer wants to checkout, options will be a bit different:



A screenshot of a payment form. At the top, there is a selected VISA card icon and the text "VISA VISA". Below this, there is a masked card number "xxxx xxxx xxxx 0004". Below the number, there are two radio button options: "Use new card and save it" (which is selected) and "Use new card once".

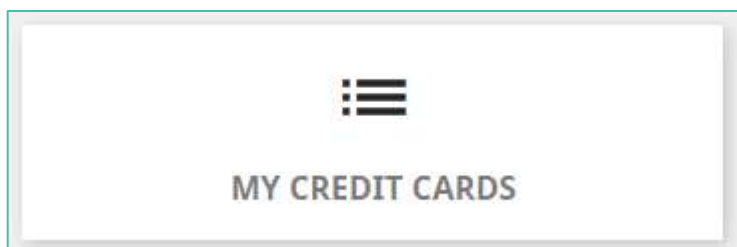
Please keep in mind that in case of unsuccessful transaction credit card will not be stored.

If merchant chooses second option – “*Use new card once*”, his credit card data will not be stored.

8.2 CREDIT CARD MANAGEMENT


Please keep in mind that this option only available if Secure Card Data is enabled by the merchant.

If buyer would go to his account, he will see a button:



Public

When clicked, it will display a list with all clients' credit cards and ability to remove them.

My credit cards					
	Credit card	Added date	Valid till	Card	Action
	VISA	2019-12-27 17:04:52	2022-09-22	xxxx xxxx xxxx 0004	Remove

8.3 CRYPTO PAYMENTS

Selecting crypto payments as a payment method will allow you to pay for the product with Ethereum or Bitcoin.

Total amount

CHF 23.14

Offer

PrestaShop payment

Merchant

test
test
1 45454
Lithuania
marius.gudauskis@invertis.eu
+664722756

WL Crypto Payments
Simulator



E-Mail:

[Pay with Crypto Currency](#)

Refunding Crypto:

When an order made with crypto is completed, and the user wants to refund it, the status gets changed to - pending refund.

Then the user receives an email, confirms it, and directs where the refund should be processed to. When we receive the approval, from pending refund the status changes to refunded.

9 SUPPORT CONTACTS

Do you have questions or a technical problem? Our specialized service teams can provide you with expert information. Here you will find the direct telephone numbers, e-mail addresses and service times for all teams: <https://www.six-payment-services.com/en/site/e-commerce-developer/logins.html>