



For SAP Commerce Cloud & SAP Commerce



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ABOUT DOCUMENT

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1.0 USER MANUAL

ABOUT SAFERPAY

Saferpay is the easy, flexible, secure and comprehensive e-payment solution from 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

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

ABOUT SAP COMMERCE CLOUD PLUGIN

The purpose of providing an extension for Saferpay Payment Solution for SAP Commerce Cloud is to aid the integration of Saferpay into a SAP Commerce implementation. SAP Commerce Store accelerator will use the newly developed extension to interact with Saferpay. The extension will transform the SAP Commerce cart model to Saferpay data structures. The payment result from Saferpay is captured in SAP Commerce and relevant messages if any are displayed to the storefront.

The Saferpay Payment Solution for SAP Commerce Cloud extension provides a configurable spring component which helps shorten the implementation cycle and reduce system development, testing efforts and maintenance costs for payment integration. The extension package contains most of the backend code needed for integrating Saferpay into the SAP Commerce commerce platform. The Merchants can use the Saferpay Payment Solution for SAP Commerce Cloud extension with their SAP Commerce project to integrate Saferpay.





It supports the following payment methods of saferpay to work with SAP commerce cloud plugin.

- 1) VISA
- 2) MASTERCARD
- 3) MAESTRO
- 4) AMERICAN EXPRESS
- 5) BANCONTACT
- 6) DINERS/DISCOVER
- 7) JCB
- 8) SEPAELV
- 9) MYONE
- 10)MASTERPASSUNIONPAY
- 11)PAYPAL
- 12)TWINT
- 13)PAYDIREKT
- 14)IDEAL
- 15) EPRZELEWY
- 16)POSTFINANCECARD
- 17)POSTFINANCE EFINANCE
- 18)APPLEPAY
- 19)GOOGLEPAY
- 20)CREDITCARD (SAFERPAY FIELDS)
- 21)KLARNA PAYMENTS
- 22)EPS
- 23)SOFORT
- 24) WL CRYPTO PAYMENTS

This plugin supports all the features of online payment methods like payment capturing, refunding & cancellation. All these payment operations are done in the Sap Commerce Cloud backend & will be synced to Saferpay account also.



1.1 MANAGE ACCOUNT

In our SAP Commerce backoffice, we can see the Saferpay Account section, which shows the accounts. You can create any number of Saferpay accounts in the system. But only one account can be active at a time.

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Ticket System WCMS					
 Account 					
SaferPay Account					
Order Management					
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Figure 1: Saferpay account section in the backoffice view

While creating an account you can manage the following properties also:

- Terminal id*
- Customer id*
- Account type
- Liability Condition
- Capturing mode
- Username*
- Password*
- Payment modes
- Styling configurations

*Mandatory properties in the process perspective and the values will get from Saferpay once you created a partner account in Saferpay.



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Figure 2: Saferpay account section edit mode

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Figure 3: Payment modes section inside Saferpay account

1.1.1 CONFIGURATION

Saferpay Plugin configuration includes two sections

- 1. Saferpay account settings
- 2. Payment method specific settings

1.1.2 SAFERPAY ACCOUNT SETTINGS

Configure saferpay account from Account -> Saferpay Account



The following configurations are available in Saferpay Account

- 1. Account type It defines the Saferpay Operation mode. If it is enabled, it allows the payment gateway to work in test mode by using test API keys otherwise it will work as live mode. By default, test mode is enabled.
- End point url This field gets filled automatically by selecting account type. Note: Recommended not to change it in ideal case. Changes applicable only if there is an update in base test url from Saferpay side.
- 3. Customer ID Enter your customer id given by Saferpay while creating a partner account in Saferpay.
- 4. Terminal ID Enter your terminal id given by the Saferpay.
- 5. Username Enter JSON username given by the Saferpay
- Password Enter JSON API password given by Saferpay. To get JSON API username and password you have to login to Saferpay management interface and go to settings → JSON API basic authentication. Please refer https://www.six-payment-services.com/en/site/e-commercedeveloper/integration.html, https://saferpay.github.io/sndbx/index.html# terms for more information.
- Extra security enabled Recommended for high-risk businesses (Jewelry, Electronics, etc.) to stick to the highest level of security. Else you can have it as "No, I don't want extra level of authentication."
- 8. Liability Shift Behavior This field determines how to handle the transactions if a fraudulent card is used on the website. When we use this functionality, the liability shifts to the authorizing bank and the store owner receives no claim for any chargeback. It has two options:

8.1. Manual Capture – If no liability shift has been granted transaction will be on-hold, merchant can capture or cancel transaction". Here order placed via fraudulent card will be on-hold and merchant can capture or cancel transaction accordingly.

8.2. Auto Cancel – If no liability shift has been granted transactions will be auto cancelled. Here order placed via fraudulent card will be cancelled.

8.3. Auto Capture – All transactions will be captured without considering the liability shift.

9. Capturing mode – This functinality is managed inside the account. It provides two options

9.1. On - If the capturing mode is on, then all the transactions will be auto capured in the process.

9.2. Off – If the capturing mode is off, then the transactions will be in authorized state and need to manual capture via our backoffice. Refer Manual capture.



- 10. Merchant Emails Saferpay will send an email to the address specified in this field. You can add multiple emails. It is not a mandatory field. This is applicable only for PaymentPage interface.
- 11. Styling configuration Enter a valid CSS URL which is included in the payment page. This file must be hosted on an SSL/TLS secured web server (the URL must start with https://).

Example: https://merchanthost/merchant.css.

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

- 12. Terminal info update It is a button present in saferpay account to fetch all the active payment modes in saferpay backoffice. Along with the payment modes, supported currencies and logo url also get updated.
- 13. Create Hosted Fields Access Token A button that can be used to integrate Saferpay Fields into web pages and is restricted to the given customerId, terminalId and URL(s). It will only generate new token if Saferpay fields is kept active.
- 14. Licence Configuration Button A button that can be used to fetch saferpay licence account details. It will show saferpay accout package and features.

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Figure 4: Saferpay Accounts



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Figure 5: Saferpay fields access token generation button

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Figure 6: Saferpay Account licence configuration

1.1.3 PAYMENT METHOD SPECIFIC CONFIGURATION

Individual payment methods which comes under Saferpay plugin can be configured from Sap Commerce backoffice under Price settings \rightarrow Payment modes. You can also add new Saferpay standard payment modes.



Note: Not all payment will be in your contract so be careful while enabling payment methods.

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Figure 6: List of payment modes

Settings of each payment modes can be easily configured by double clicking, editor area will be opened.

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	Payment Info [PaymentInfo]			True False			
	Description		0	Supported Delivery Modes			

Figure 7: Payment mode editor

Saferpay payment method specific configuration is explained in detail below:

1. Name – Here you can set title of payment method which is displayed in shop during checkout.



- 2. Currencies Choose the currencies that can be processed with this payment. Select allowed currency if any specification else leave it.
- 3. Is save card available If it is set to true then payment info for this specific payment mode can be saved.
- 4. Interface There are two types of transaction interfaces,
 - Payment page The Payment Page Interface provides a simple and easy integration of Saferpay into e-commerce web shop. The Saferpay Payment Page can be used with a Saferpay e-commerce license as well as with a Saferpay Business license. It allows the processing of all payment methods that are available with Saferpay.
 - Transaction The Transaction Interface is an extension to Payment Page. Credit card payments can be seamlessly integrated into the merchant's shop with the Transaction Interface. This interface open the RedirectUrl inside an HTML-iframe, to show the hosted card entry form, which can be used to capture sensitive card details in a PCI- compliant manner.

Note: All payment modes do not support both interfaces. Some payment modes only support payment page interface.

- 5. Capturing or cancelling Here you can block the capturing or cacelling action. If it is set to false, the transaction for the corresponding payment mode cannot be captured or cancelled.
- 6. Countries If you wish to accept payment from specific countries, you can select the countries. If there is no specification leave it.
- Pre-authorization It extends the validity of an authorization upto 30 days. If it is set to YES, only Manual Capture option will be possible under Capturing settings.
- 8. Is refund available If it is set to false, transaction cannot be refunded for the corresponding payment mode.
- 9. Is ThreeD support Available 3-D Secure (3DS for short) is supported by Visa, Mastercard, American Express, Diners Club and others. Via liability shift, merchants who offer the 3-D Secure process benefit from fewer payment defaults and from increased security with respect to credit card acceptance. It does not matter whether the card holder (CH) participates in this process or not. It is set to true for only payment modes that support 3DS.
- 10. Wallet It indicates the payment mode is wallet type or not. It is set to true for all wallet type payment mode.
- 11. Saferpay Fields Access Token Token generated from Saferpay Backoffice. Saferpay fields access token can be created from our backoffice also. Go to Saferpay account and you will see key symbol for generating hosted fields access token. Saferpay fields payment mode must be active in Saferpay account in order to create access token. And the button will generate access token and it will be copied to Saferpay fields access token section.





- 12. Saferpay Fields Url Url provided from Saferpay Backoffice.
- 13. Address Source Specifies if and where saferpay should take the payer's address data from.



1.2 MANAGE TRANSACTIONS

From our backoffice you can manage two types of transactions.

- Saferpay transaction
- Saferpay refund transaction

1.2.1 SAFERPAY TRANSACTION

You can see the list of all the transactions, that has been initiated from the SAP Commerce. By selecting each transaction, you will be able to see:

- The interface used for the transaction
- The status of the transaction
- Order Id
- The token details
- Payment method used
- Liability shift details
- DCC details
- Error status, if it has any errors
- Attached Order
- Refund initiated or not
- Remaining amount to refund
- Total refunded amount
- Time at which order is created and modified
- Transation Id and status
- SaferPay Fields access Token
- Comments
- Paypal Details (Displays only if transaction done with paypal)

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📓 Order Entries	✓ 00033010	Captured	Transaction	false
📓 Quotes	··· 00033008	Captured	Transaction	false
🔮 Quote Entries	✓ 00033006	Captured	Transaction	false
Order History Entry	· 00033004	Captured	Transaction	false
🖳 Consignment	··· 00033002	Cancelled	Transaction	false
≣ ₊₊ Consignment Entry	··· 00033000	Captured	Transaction	false
④ Fraud Report	· 00032005	Captured	Transaction	false
Saferpay Transactions	✓ 00032003	Cancelled	Transaction	false
Saferpay Refund Transactions	··· 00032000	Initialized	Transaction	false
SAVED QUERIES	✓ 00031002	Authorized	Transaction	false
No queries	v 00031001	Initialized	Transaction	false
	0 ITEMS SELECTED			

Figure 8: Transaction

1.2.1.1 MANUAL CAPTURE/CANCEL

When the "Capturing" is set to "Manual Capture", the merchant will have the option to Capture or Cancel transactions. If we click Capture, the transaction will be captured.

Only authorized transactions can be manually captured or cancelled from our backoffice.

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	Token		Token Expiration	
	jmqoufngh5ocjo0zjxhjcfr08		2022-06-21T07:48:30.850+02:00	
	jmqoufngh5ocjo0zjxhjcfr08		2022-06-21T07:48:30.850+02:00	

Figure 9: Capture cancel button



1.2.1.1.1 CAPTURE

By clicking on the capture action, you will be prompted to confirm the capturing. In addition, you can provide a lower amount to capture along with a description also. A transaction may only be captured once, also eliminating the option of a cancel.

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	00031002				
	Transaction Status @		Transaction Id @		
	Authorized				
	Token		Token Expiration		

Figure 10: Capture pop up window

1.2.1.1.2 CANCEL

On clicking on the cancel action, you will be prompted to confirm the cancellation.



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📩 Inbox 🕨 System	ld	CANCEL YES	rface	Refund Initialized
▶ Catalog	√ 00030004	Authorized	Transaction	false
 Multimedia 	✓ 00030002	Authorized	Transaction	false
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✓ Order	√ 00029001	Initialized	Transaction	false
	✓ 00029000	Initialized	Transaction	false
	✓ 00028061	Initialized	Transaction	false
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SAVED QUERIES				
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	Token			
			2022-06-20T08:01:45.459+02:00	

Figure 11: Cancel pop up window

1.2.2 SAFERPAY REFUND TRANSACTION

Just like Saferpay transactions, you can also see/manage the Saferpay refund transactions. This is an item type derived from the Saferpay transaction thus all above mentioned attributes are also available here.

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Consignment	✓ 00028024	Captured	Manual		
	✓ 00028020	Captured	Manual		
@: Fraud Report	<pre> 00026018 00026007 </pre>	Captured	Manual		
Saferpay Transactions Saferpay Refund Transactions	· 00021000	Captured	Manual		
Recurring					
 Price Settings 					
Internationalization					
Marketing Ticket System					
SAVED QUERIES					
	0 ITEMS SELECTED				
	No items selected				£ \$

Figure 12: Refund transaction



1.2.2.1 REFUND

A captured transaction is refundable.

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E., Consignment Entry	Id	Transaction Status	Interface	Refund Initialized	
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Saferpay Refund Transactions					
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Base Commerce Deeplink Urls	DETAILS				*
WCMS	Id 🛛		Interface @		
•	00000001		Payment Page		-
SAVED QUERIES T	Transaction Status @		Transaction Id @		
No queries	Captured		 IK7zIMArKrJKvAAWvflbAl1Qh74b 		
	Token		Token Expiration		
	jmqoufngh5ocjo0zjxhjcfr08		2022-06-21T07:48:30.850+02:00		
			11111 4110		

Figure 13: Refund

Refund action can only be initiated for a captured transaction. On clicking on the action, you will be prompted with a confirmation popup. It also allows you to enter a lesser amount along with a description. Thus, you can initiate another refund for the remaining amount if you choose a lesser amount previously. The refund transactions can be seen in the Saferpay refund transaction section.

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@: Fraud Report				: Page	false	
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M						
SAVED QUERIES T	Transaction Status @					
No queries						
			2022-06-21T07	:48:30.850+02:00		

Figure 14: Refund popup



All the refunds for an order will be diplayed in Order section.

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🕝 Home	+ - ≡ 🖬 🖗 šΞ		22 items
 ▲ Inbox > System 	Order Nr. Date T	Total Pri User Orderstatus	
➤ Catalog	 RP00000002 Jun 21, 2022 10:19:18 AM \$ 	5548.83 test test [test@test.com] Completed	
 Multimedia 	✓ 00000011 Jun 20, 2022 6:20:07 PM €	20.00 orders test user [orderhistoryuser@test.com] Checked Invalid	
▶ User	 00000009 Jun 20, 2022 6:19:17 PM 	0.00 orders test user [orderhistoryuser@test.com] Checked Invalid	
← Order	✓ 00000007 Jun 20, 2022 6:18:27 PM €	0.00 orders test user [orderhistoryuser@test.com] Checked Invalid	
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· · · · · ·	Refunds @		
SAVED QUERIES T	00000004		
No queries	0000003		
			×

Figure 15: Refund list





1.3. ALIAS MANAGER

Alias Manager allows your customer to save the credit card information in his account and to use for the future payments.

Saferpay Secure Card Data or SCD in short, is a service for saving sensitive payment means information in the certified Saferpay data centre. By using SCD, the payment data is separated from the merchant application and no longer comes in 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 'Is Save Card Available?' is active in Payment method configuration page, then logged in customers can save and use their card for future transactions.

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::: Fraud Report Saferpay Transactions	+ - = ■ ⊕ š=				📃 🏗 👪 1 items
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Recurring	253658	17726219	Test	true	Auto Cancel
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Internationalization					
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➤ WCMS	= 🚱 🔦				▲ ▶ REFRESH SAVE
✓ Account	GENERAL PAYMENT MODES ST	YLING CONFIGURATION MERCHANT	EMAILS ADMINISTRATION		
SaferPay Account	Payment Modes @				
Order Management	IDEAL		A		
SAVED QUERIES	PostFinance Card				
No queries	KLARNA				
	Postfinance E-Finance				
	GOOGLEPAY				
			*		*

Figure 16: Payment method selection page

In addition to this, customer can manage the saved cards from his customer account in My account section. A tab "Payment details" is added in My account page from which customers can add, update and delete cards from his account.

For saving Twint and Postcard you need to select respective field from the drop down. For all other cards you can choose Cards from the drop down.



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ි Home	+ + + DEAL	🗏 🔁 👥 1 items
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 ► Catalog ► Multimedia 	2 identifier Name @ • KLARNA KLARNA KLARNA Postfinance E-Finance	Auto Cancel
▶ User	GOOGLEPAY	
 Order ■ Orders 	PROPERTIES & Bancontact	
🔮 Order Entries 🧃	253658 Payment Info (Payment Info) True False Vica	
🔮 Quotes 📲 Quote Entries	253658 Typictic and Commission of Supported Delivery Modes Twint	REFRESH SAVE
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No queries	Danish Krone (DKK) American Express KLARN/ Europe (EUR) • ePrzelewy	
	Postfinance E-Rinance GOOGLEPAY	

Figure 17: Payment details page in my account



1.4 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 in Saferpay Transactions under 'Error Status'.

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	æ	SEARCH			▲ ☆
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Multimedia					
User	Id 00020025	Transaction Status Cancelled	Interface	Refund Initialized	
• Order	00026023	Cancelled	Transaction	false	
📔 Orders	-				
🖺 Order Entries	✓ 00026021	Captured	Transaction	false	
📔 Quotes	00026020	Cancelled	Transaction	false	
Quote Entries	··· 00026019	Cancelled	Transaction	false	
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	Inue Faise				
			VALIDATI	ON_FAILED	
	DCC DETAILS				~
	DCC Amount @		DCC Currency @		

Figure 18: Error status in Saferpay Transactions



1.5 PAYMENT MODES

Installing the Saferpay Payment Solution for SAP Commerce Cloud extension will provide you with most of the payment modes. You can see that in our backoffice. You can also add new Saferpay standard payment modes.

(v) Commerce			😸 Administration 🗸	REDEPLOY	1 3	Ø	<u>ن</u> @
	ଝ		SEARCH				
Saferpay Transactions	1 + - B					т II	28 items
Saferpay Refund Transactions Recurring	Identifier	Name	Is Active				
✓ Price Settings	 advance 	Advance	true				
Prices	 invoice 	Invoice	true				
 Taxes 	 debitentry 	Bank Collection	true				
Discounts	 creditcard 	creditcard	true				
Delivery Costs	VPAY	V PAY	true				
E Payment Modes	VISA	Visa	true				
SaferpayInterface	UNIONPAY	Unionpay	true				
Internationalization	V TWINT	Twint	true				
Marketing	✓ SOFORT	SOFORT	true				
Cockpit	✓ SAFERPAYTEST	BillPay Direct Debit	true				
Base Commerce	POSTFINANCE	Postfinance E-Finance	true				
SAVED QUERIES	POSTCARD	PostFinance Card	true				
	V PAYDIREKT	paydirekt	true				
	0 ITEMS SELECTE	nautral D	lena.				

Figure 19: Payment modes

The following payment methods are supported in SAP Commerce 1811 :

1.5.1 KLARNA

Klarna Payments is a 3rd party payment method, that is split into three ways of payment:

- Pay Now: The order is payed now, via Direct Debit, or Bank Transfer.
- Pay Later: The order is paid on invoice.
- Slice it: The order is paid in installment rates, with an interest.



		English 🗸
снғ 132.00	Pay Later	Klama.
Description of payment PTT Solutions KataNaturan 095581 Trivandrum India	Saterpay Klarna Simulator Pay in 14 days • Get your order before you pay. • Manage your purchases on klarna.de. • Buyer's protection by Klarna <u>Moro.</u>	
tess ay@pholutions.com 9447850561 www.phtolutions.com	By continuing I accept <u>Klarna's User Terms</u> and confirm that I h Klarna's Privacy Notice. Imprint. Terms & Conditions	ave read Klama.
	 Pay Now Slice it Cancel 	Klama. BUY
	Saferpay-powered by WORLDUNE WW.	

Figure 20: Klarna payment

Note: Make sure, that Payment Amount CurrencyCode is in-line with Payer BillingAddress CountryCode. For example: Submitting "CH" for Switzerland as your CountryCode, but selecting EUR as your currency, will cause Klarna to not be displayed!

Read More

1.5.2 SAFERPAY FIELDS

Other than general settings some additional settings need to be configured to use Saferpay credit card/Saferpay Fields:



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jmqoufngh5ocjo0zjxhjcfr08		2022-06-21T07:48:30.850+02:00		Ţ			
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Figure 21: Saferpay fields additional settings

Edit item SAFERPAY FIELDS			×
			PAYPAL
Ω	REFRESH		EPS
PROPERTIES TRANSACTION COSTS SAFER		* *	BANCONTACT
SAFERFAT FIELDS		~	DIRECTDEBIT
Saferpay Fields Access Token	Saferpay Fields Url		SOFORT
8bb0af77-bc96-45f5-b58c-8052294281ef	https://test.saferpay.com/Fields/253658	- 1	JCB
Payment Modes	Credit Card Theme	- 1	BONUS
AMEX	THEME_1 -		MASTERCARD
	THEME_1	- 1	
	THEME_2	- 1	MYONE
	THEME_3	-	SAFERPAY FIELDS
EPS	*		

Figure 22: Saferpay Fields Settings in backoffice

• The SAFERPAY CREDIT CARD is only for holders of a business licence on the live system. Other than general settings some additional settings need to be configured to use Saferpay credit card/Saferpay Fields.





• Payment Mode: Supported payment methods include: Visa/V PAY, Mastercard, Maestro, American Express, Bancontact, Diners Club International, JCB, Bonus Card, MyOne.

Note: Make sure at least one payment method is selected. If no payment method is selected, by default all supported payment methods will be accepted.

 Credit Card Theme: Themes supported by Saferpay Fields. By default, THEME_1 will be selected.

Read More

1.5.3 SAFERPAY IDEAL

Other than general settings, additional settings such as bank accounts are available for Saferpay iDeal payment method. Here admin able to add /remove bank account. Customer able to select added bank account by admin during checkout

IDEAL	:20	O POSTFINANCE CARD	Automotion (Cards
O POSTFINANCE E-FINANCE	Put France 1-France	SAFERPAY FIELDS		Billing Address
O GOOGLEPAY	(G Pay)	BANCONTACT Save my payment data	Becariet	COUNTRY/REGION
⊖ EPS	êps	O VISA	VISA	TITLE MRS.
O UNIONPAY	(Louise Free	AMERICAN EXPRESS	200500722) (2006055	FIRST NAME Test
O APPLEPAY	€Pay	O DINERS CLUB	Depro. Call	LAST NAME Test
O PAYDIREKT	A ghopay	⊖ јсв	JCB	ADDRESS LINE 1 Test
O MAESTRO INTERNATIONAL	Past 19	O PAYPAL	Prophat	ADDRESS LINE 2 (OPTIONAL) Test
○ SOFORT	Sour	MASTERCARD		CITY Test
Following are the available Banks				POST CODE 1245645313
Test Bank 2 Test Bank 1				PHONE NUMBER (OPTIONAL) 12345648 See the Order Summary area for more information.

Figure 23: Ideal bank section



CREDIT AND DEBIT CARDS

Refer:

- https://docs.saferpay.com/home/integration-guide/paymentmethods/mastercard
- https://docs.saferpay.com/home/integration-guide/paymentmethods/maestro
- https://docs.saferpay.com/home/integration-guide/paymentmethods/visa-and-vpay
- https://docs.saferpay.com/home/integration-guide/paymentmethods/american-express
- https://docs.saferpay.com/home/integration-guide/paymentmethods/diners-and-discover
- https://docs.saferpay.com/home/integration-guide/payment-methods/jcb https://docs.saferpay.com/home/integration-guide/paymentmethods/china-unionpay
- https://docs.saferpay.com/home/integration-guide/paymentmethods/swiss-postcard-and-postfinance
- Masterpass Masterpass is a Wallet-Solution introduced by Mastercard. Please refer https://docs.saferpay.com/home/integration-guide/paymentmethods/masterpass
- TWINT Refer https://docs.saferpay.com/home/integrationguide/payment- methods/twint
- PayPal Refer https://docs.saferpay.com/home/integrationguide/payment- methods/paypal
- SOFORT SOFORT is a third party means of payment by Klarna Group. https://docs.saferpay.com/home/integration-guide/paymentmethods/sofort-by-klarna
- Klarna Payments Klarna Payments is a 3rd party payment method, that is split into three ways of payment: Pay Now, Pay Later and Slice It/Financing. Refer https://docs.saferpay.com/home/integrationguide/payment-methods/klarna-payments
- eps Refer https://docs.saferpay.com/home/integration-guide/paymentmethods/eps
- paydirekt Refer https://docs.saferpay.com/home/integrationguide/payment-methods/paydirekt
- iDeal Refer https://docs.saferpay.com/home/integration-guide/paymentmethods/paydirekt
- SEPA ELV Refer https://docs.saferpay.com/home/integrationguide/payment-methods/paydirekt
- ePrzelewy Refer https://docs.saferpay.com/home/integrationguide/payment- methods/eprzelewy
- Bancontact Refer https://docs.saferpay.com/home/integrationguide/payment-methods/paydirekt





- https://docs.saferpay.com/home/integration-Apple Pay - Refer ٠ guide/payment- methods/applepay
 Crypto Payments – Refer https://docs.saferpay.com/home/integration-
- guide/payment-methods/crypto-payments



1.6 ORDER

User can see all the Orders in the Orders tab, once the user open Orders tab user can view the all the orders which are listed in a table with columns

- Order Number
- Date
- Total Price
- User
- Order status

(Y) Commerce				Administration 🗸		REDEPLOY	1 3	Ø	ڻ @
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占 Inbox	Order Nr.	Date	Total Pri	User	Orderstatus				
▶ Catalog	RP0000002	Jun 21, 2022 10:19:18 AM	\$548.83	test test [test@test.com]	Completed				
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▶ User	✓ 00000009	Jun 20, 2022 6:19:17 PM	\$0.00	orders test user [orderhistoryuser@test.com]	Checked Invalid				
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📑 Order Entries 🔹	✓ 00000003	Jun 20, 2022 6:16:46 PM	\$0.00	Aaron Customer [aaron.customer@hybris.co	Checked Invalid				
📔 Quotes	√ 00000001	Jun 20, 2022 6:15:52 PM	\$0.00	orders test user [orderhistoryuser@test.com]	Checked Invalid				
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Order History Entry	✓ zohan-00-1	Apr 1, 2011 3:10:00 PM	\$0.00	Zohan [zohan@customer.com]	Created				
Consignment	 acceptanceTestOrder 	Apr 17, 2011 3:34:00 PM	\$0.00	John Acceptance [acceptanceuser@test.com]	Created				
E _{et} Consignment Entry	 acceptanceTestOrder 	Apr 17, 2011 3:32:00 PM	\$0.00	John Acceptance [acceptanceuser@test.com]	Created				
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No queries	✓ acceptanceTestOrder0	Apr 17, 2011 3:28:00 PM	\$0.00	John Acceptance [acceptanceuser@test.com]	Created				
	RP0000002								≜ ☆

Figure 24 : Refund action confirmation

User can open and view the order details by double clicking each order, order details were shown under various tabs naming

- Properties
- Positions and Prices
- Payment and delivery
- Output documents
- Vouchers
- Promotions
- Transaction
- Refund
- Tickets
- Order history
- Consignments
- Related cronsjobs
- Fraud reports
- Administration

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▶ User	✓ 00000009 Jun 20, 2022 6:19:17 PM \$0.00 orders test user [orderhistoryuser@test.com] Checked Invalid	
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SAVED QUERIES	User Order Nr.	
	test test [test@test.com] RP00000002	
	COMMON	*
	Refunds @	

Figure 25: Orders page

1.6.1 ORDER STATUS

Order status of each orders placed gets updated in the 'Order status' column. The order status is changed based on the transaction status.

- After a transaction if the transaction status is in "Captured" state, initially the order status will be "Checked valid" and the order status will be updated as "Payment captured" and then gets updated as "Order split" and eventually gets "Completed" through SAP Commerce out of box workflows.
- After a transaction if the transaction status is in "Cancelled" state, the order status will be initially "Checked valid" and the status will be updated as "Cancelled".
- After a transaction if the transaction status is in "Authorized" state, user can decide whether to accept or decline, Initially the status will be "Checked Valid" and the status gets updated as "Payment Authorized" then the user can choose whether to capture or cancel the order
 - i. if the user captures the order the status will be updated as "Payment captured" and then as "Order split" and eventually gets "Completed".
 - ii. If the user cancels the order then order status will be updated as "Cancelled"
- If the transaction status is in "Pending" state after a transaction (currently only in case of Paydirekt payment method), the order status will initially set to "Checked valid" and will get updated to "On Hold".



i. Once the transaction got Captured the order status will get updated to "Payment Captured" and eventually get "Completed" ii. Once the transaction got "Cancelled" the order status will get updated to "Cancelled"

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Catalog	+• 🗈 🖶 🕀	×=				4 1	/4 🕨	167 iter	ms
Multimedia									
User	Order Nr. Da	te	Total Pri	User	Orderstatus				
Order	✓ RP000350 Jur	1 20, 2022 4:42:16 PM	€296.99	sanjay s [test@test.com]	Completed				
Orders	✓ RP000340 Jur	20, 2022 4:24:55 PM	€154.99	sanjay s [test@test.com]	Completed				
Order Entries Orders	✓ RP000330 Jur	20, 2022 3:38:04 PM	€154.99	sanjay s [test@test.com]	Completed				
Quotes	✓ RP000330 Jur	20, 2022 3:35:56 PM	€154.99	sanjay s [test@test.com]	Completed				
Quote Entries	✓ RP000330 Jur	20, 2022 3:33:50 PM	€154.99	sanjay s [test@test.com]	Completed				
Order History Entry	✓ RP000330 Jur	20, 2022 3:29:57 PM	€154.99	sanjay s [test@test.com]	Completed				
Consignment	✓ RP000330 Jur	1 20, 2022 3:05:26 PM	€154.99	sanjay s [test@test.com]	Cancelled				
🛶 Consignment Entry	✓ RP000330 Jur	20, 2022 3:03:46 PM	€154.99	sanjay s [test@test.com]	Completed				
∦: Fraud Report	✓ RP000320 Jur	20, 2022 2:40:16 PM	€154.99	sanjay s [test@test.com]	Completed				
Saferpay Transactions	✓ RP000320 Jur	20, 2022 2:33:28 PM	€154.99	sanjay s [test@test.com]	Processing Error				
Saferpay Refund Transactions	✓ RP000320 Jur	1 20, 2022 2:29:18 PM	€154.99	sanjay s [test@test.com]	Null				
VED QUERIES T	✓ RP000320 Jur	1 20, 2022 2:29:17 PM	€154.99	sanjay s [test@test.com]	Checked Valid				
No queries		1 20, 2022 11:02:24 AM	€154.99	sanjay s [test@test.com]	Payment Authorized				
	0 ITEMS SELECTED								
	OTTEMD DEELECTED								_
	No items selected							6	\$ ≜

Figure 26:Order status



2.0 SOFTWARE LICENSE AGREEMENT

This Software License Agreement ("Agreement") is between you (both the individual downloading and/or installing the Software and any legal entity for or on behalf of which the individual is acting) ("You" or "Your") and PIT Solutions AG. ("Licensor").

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THE SOFTWARE IS TO BE USED SOLELY IN CONNECTION WITH THE THIRD PARTY SOFTWARE AND YOU MUST SATISFY YOURSELF THAT THIS SOFTWARE IS SUITABLE FOR YOUR NEEDS AND THAT YOUR SYSTEM SATISFIES THE REQUIREMENTS FOR THE USE OF THIS SOFTWARE AS SET OUT IN THE DOCUMENTATION.

PARTIES, THEREFORE, AGREE AS FOLLOWS:

1. Definitions

1.1 Capitalized terms in this Agreement will have the following meanings:

"Agreement"	means this Licence Agreement and any documents referred to in this Agreement;
"Documentation"	means written documentation, specifications and help content made generally available by Licensor to aid in installing and using the Software, or otherwise provided by Licensor to you in connection with the Software.
"Software"	means Saferpay Payment Solution for SAP Commerce Cloud, the data supplied with such software, executable

program modules thereof, computer readable associated





media, upgrades and updates of the software provided to you by the Licensor.

"Third Party Software" includes the third party software with which the Software is designed to be used, as described in the Documentation.

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9. Confidentiality

9.1 You acknowledge that this Agreement and its contents and other information, including, without limitation, information on or about the Software, source code, functionalities, Documentation, other technical





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10. General

- 10.1 This Agreement constitutes the entire agreement between the parties and supersedes all prior or contemporaneous agreements or representations, whether written or oral, concerning its subject matter. This Agreement may not be modified or amended without Licensor's prior and express written consent, and no other act, document, usage or custom will be deemed to amend or modify this Agreement.
- 10.2 You agree that any breach of this Agreement by You would cause irreparable damage to Licensor, and that, in event of such breach, in addition to any and all remedies at law, Licensor will have the right to an injunction, specific performance, or other equitable relief to prevent the continuous violations of the terms of this Agreement.
- 10.3 You may not assign, sell, transfer, delegate or otherwise dispose of this Agreement or any rights or obligations under it, whether voluntarily or involuntarily, by operation of law or otherwise, without Licensor's prior written consent. Any purported assignment, transfer or delegation by You will be null and void. Subject to the foregoing, this Agreement will be binding upon and will inure to the benefit of the parties and their respective successors and assigns. You agree, represent and warrant that You will not export the Software or any underlying technology in contravention of any applicable export laws and regulations applicable in the US or any other relevant country.
- 10.4 Notwithstanding anything herein to the contrary, Licensor shall not be liable for any delay or failure in performance caused by an event of Force Majeure or act of God.
- 10.5 If any provision of this Agreement is held to be illegal, invalid or otherwise unenforceable, that provision will be enforced to the extent possible or, if incapable of enforcement, deemed to be severed and deleted from this Agreement, and the remainder will continue in full force and effect.
- 10.6 Waiver by either party of any default or breach of this Agreement will not waive any other or subsequent default or breach.



- 10.7 All notices and communications required or permitted under this Agreement will be in writing and will be sent by any one of the following modes:
- (a) registered or certified mail, postage prepaid, return receipt requested,
- (b) facsimile transmission (the "Fax"), with confirmed answer back, or
- (c) electronic mail, with confirmation of receipt, to Licensor or You at the respective addresses we provide to each other or to such other address as Licensor or You may from time to time specify by notice to the other through any of the mode provided in this paragraph. In Licensor's case, the address is:

PIT Solutions AG

Joweid Zentrum 1

8630 Rüti ZH

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10.8 This Agreement and all matters arising out of it is governed by the laws in Kerala, India, without regard to its 'conflict of law' principles and parties irrevocably consent to the exclusive jurisdiction of the Court of Zürich, Switzerland. Application of the United Nations Convention on Contracts for the International Sales of Goods is expressly excluded.