

Pimcore Saferpay Integration Manual

Introduction

This guide provides step-by-step instructions for installing and configuring the Saferpay payment gateway with Pimcore's E-commerce Framework. Saferpay is a secure online payment solution that supports multiple payment methods including VISA, MasterCard, Maestro, and Twint.

Prerequisites

- Docker installed on your system
- Basic knowledge of PHP and Composer
- Basic knowledge of Pimcore
- Command line access

Installation Process

Step 1: Create a New Pimcore Project

Run the following command to create a new Pimcore project:

```
docker run -u `id -u`:`id -g` --rm -v `pwd`: /var/www/html
pimcore/pimcore:php8.2-latest composer create-project
pimcore/skeleton my-project
```

Step 2: Navigate to Your Project

```
cd my-project/
```

Step 3: Configure Docker Compose

Open the docker-compose.yaml file in an editor and uncomment all the user :
'1000:1000' lines.

Step 4: Start Docker Containers

```
docker compose up -d
```

Step 5: Install Pimcore

```
docker compose exec php vendor/bin/pimcore-install --mysql-host-socket=db --mysql-username=pimcore --mysql-password=pimcore --mysql-database=pimcore
```

Upon successful installation, you'll be able to access the Pimcore admin interface with the login screen.

Step 6: Install E-commerce Framework Bundle

Add the E-commerce Framework bundle to your `bundles.php` file:

```
Pimcore\Bundle\EcommerceFrameworkBundle\PimcoreEcommerceFrameworkBundle::class => ['all' => true],
```

Then install it using the following command:

```
php bin/console pimcore:bundle:install
PimcoreEcommerceFrameworkBundle
```

Step 7: Download Saferpay Bundle

Download and unzip the Saferpay bundle and place it inside a new folder (e.g., `extensions`) in the project root folder.

Step 8: Update Composer Configuration

Add the following to your `composer.json` file in the root folder:

```
"repositories": {
    "packages": {
        "type": "path",
        "url": "extensions/*"
    }
}
```

```
},  
"minimum-stability": "dev",
```

Step 9: Install Saferpay Bundle

```
docker compose exec php composer require pits_pimcore/payment-provider-saferpay
```

Step 10: Register the Saferpay Bundle

Add the following to your `bundles.php` file:

```
Pits\PimcoreSaferPayBundle\PitsPimcoreSaferPayBundle::class =>  
['all' => true],
```

Then install it:

```
docker compose exec php bin/console pimcore:bundle:install  
PitsPimcoreSaferPayBundle
```

Step 11: Verify Bundle Installation

```
docker compose exec php bin/console pimcore:bundle:list
```

Step 12: Clear Cache and Install Assets

```
docker compose exec php bin/console assets:install  
docker compose exec php bin/console cache:clear
```

Step 13: Create Saferpay Configuration File

Create a file at `config/packages/pits_saferpay.yaml` with the following content:

```
services:
```

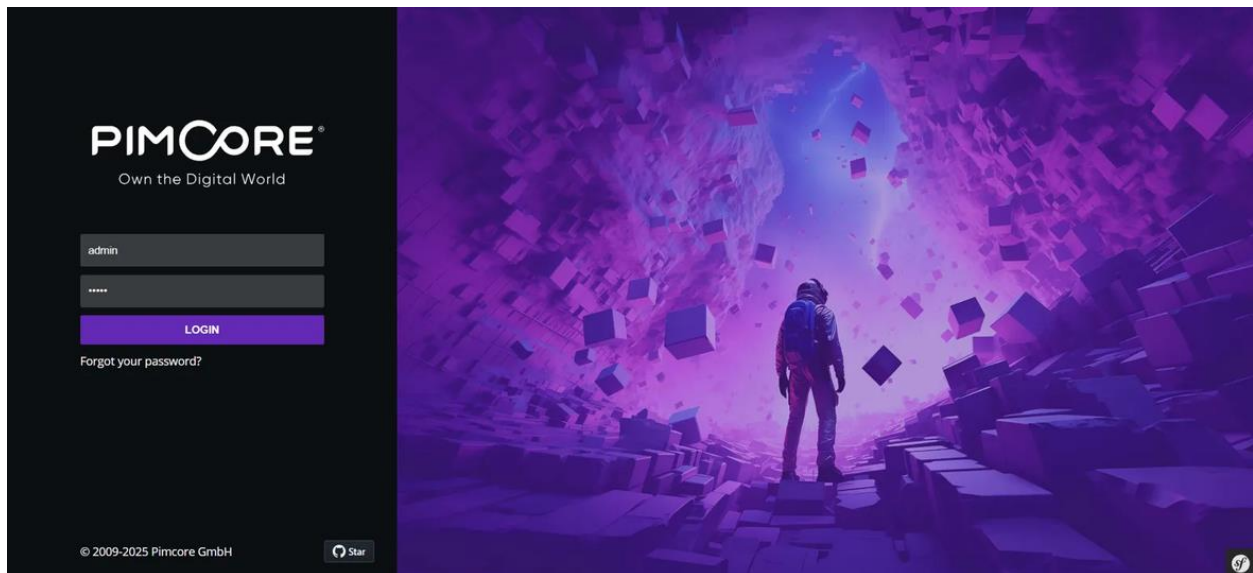
```
Pits\PimcoreSaferPayBundle\Controller\SaferpayConfigurationContro  
ller:  
    public: true  
    autowire: true
```

```
autoconfigure: true
tags: ['controller.service_arguments']
```

Configuration

Step 14: Login to Pimcore Admin

Access the Pimcore admin backend using the username and password set during installation (e.g., admin/admin).



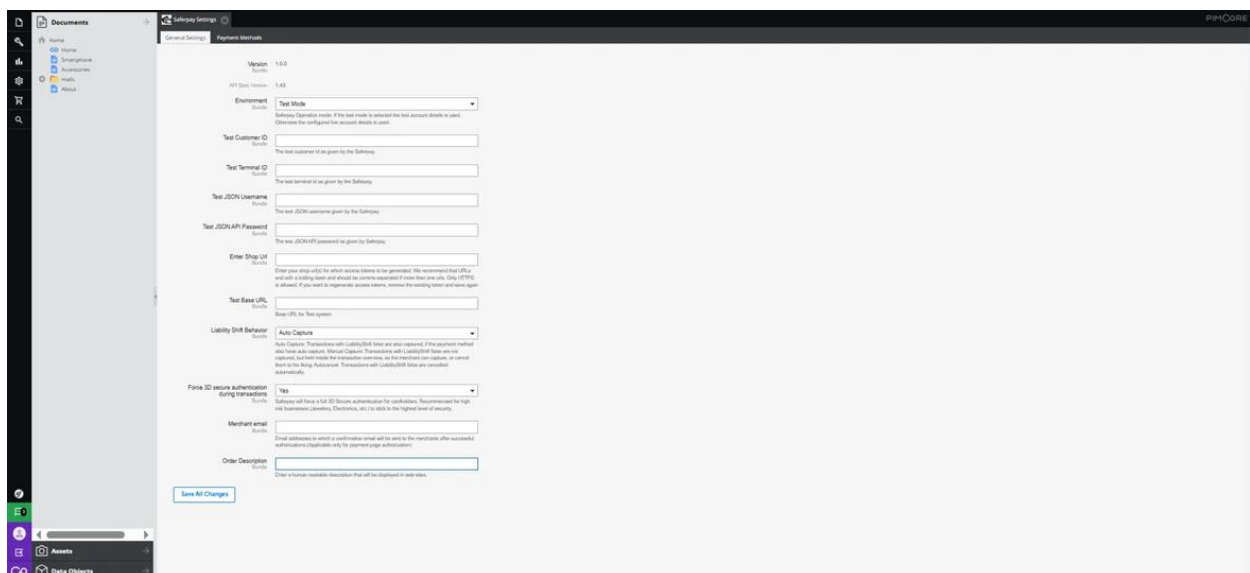
Step 15: Access Saferpay Settings

In the Pimcore admin interface, click on the settings (gear) icon in the left sidebar navigation. Look for "Saferpay Settings" in the menu.



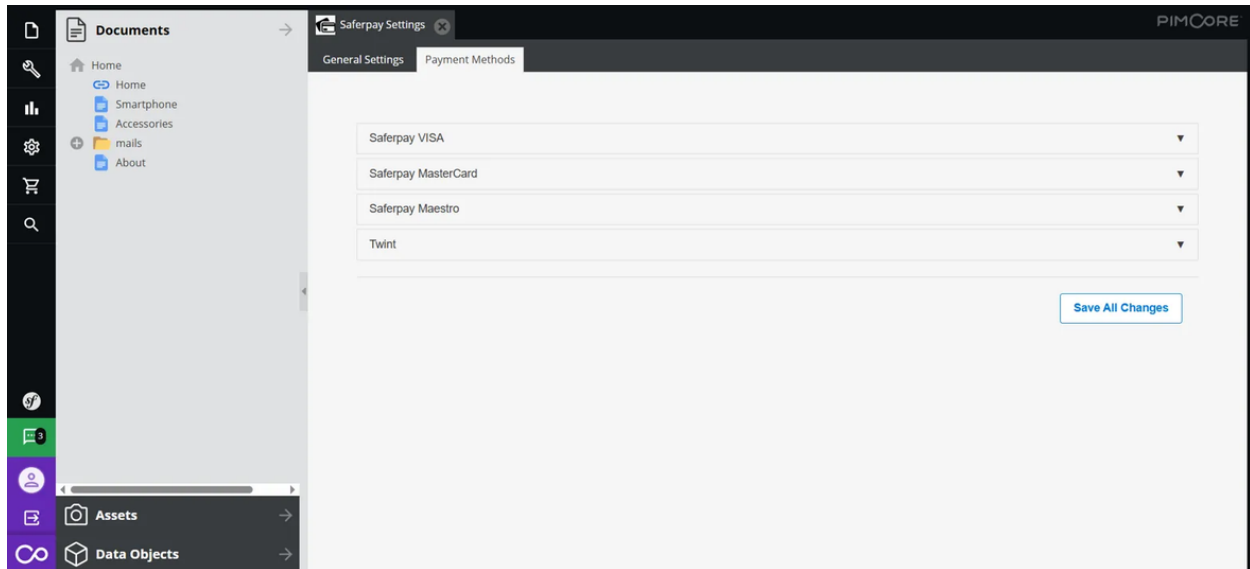
Step 16: Configure Saferpay General Settings

Configure the general settings for Saferpay integration:



Step 17: Configure Payment Methods

Navigate to the "Payment Methods" tab and configure the available payment methods:



Step 18: Frontend Implementation

After configuring the Safepay settings, implement the billing address form in your frontend:

Billing Address

First Name *

Last Name *

Email *

Company

Street Address *

ZIP Code *

City *

☒ I agree to the Terms & Conditions of this Demo *

Continue to Payment

Your Order Summary 1

Products	
Motorola Edge 50 Fusion - CHF 21999	
CHF 21999	
Total	CHF 21999

Step 19: Configure Checkout Process

1. Add `checkoutPaymentAction` function in `PaymentController.php` file to display the payment page:

This will allow users to select their preferred payment method:

Checkout

Select Payment Method

☐ TWINT 

☐ VISA 

☐ MASTERCARD 

☐ MAESTRO 

Your Order Summary

Products

Motorola Edge 50 Fusion - CHF 21999
CHF 21999

Total **CHF 21999**

Test Payment Data

Credit Card			Credit Card			Credit Card		
Type	Field	Value	Type	Field	Value	Type	Field	Value
Visa	number	9010003150000001	Maestro	number	9040003150000005	Mastercard	number	9030003150000007
	expiryDate	Date in the future		expiryDate	Date in the future		expiryDate	Date in the future
	cvc	123		cvc	123		cvc	123

2. Create object bricks for Saferpay payment provider

Create a `PaymentProviderSaferPaySmartButton.php` file for the Saferpay payment button.

3. Configure Environment Variables

Add necessary data in the `.env` file for Saferpay configuration.

4. Create E-commerce Configuration

Add `ecommerce.yaml` file with proper configuration.

5. Update Services Configuration

Add necessary entries to the `services.yaml` file.

6. Complete Payment Controller Implementation

Add remaining functions to `PaymentController.php` to ensure proper functioning of the Saferpay payment gateway.

After successful implementation, order gets placed:

Thank you for your order!

Please keep in mind that this is a test shop and no actual order was made.
You will not receive any products.

2025-03-21 12:08:52

Order ord_67dd56d4a563f

Order Items

Motorola Motorola Edge 50 Fusion (98) CHF 21999

Total Price CHF 21999

[Continue Shopping](#)

Step 20: Admin Order Management

7. Configure Routes

Add entries to `routes.yaml` for admin order management.

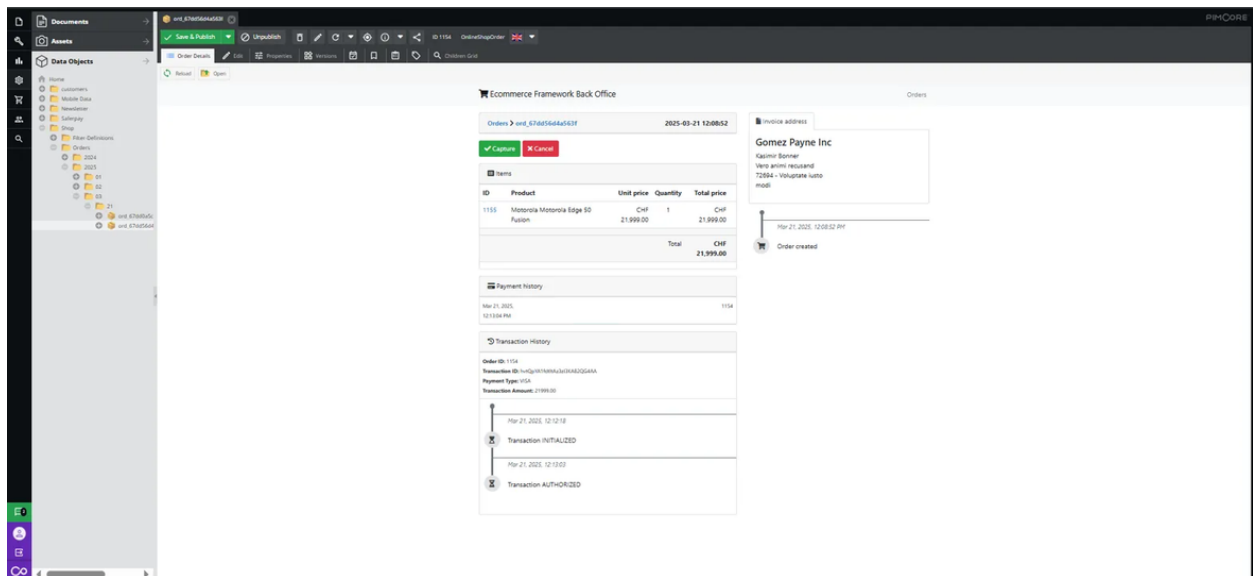
8. Create Admin Order Controller

Add `AdminOrderController.php` to manage orders in the admin interface.

9. Create Order Detail Template

Add `detail.html.twig` to customize the order detail view.

By overriding the AdminOrderController from the e-commerce framework bundle, you can track payment details in the admin backend:



Conclusion

Your Pimcore installation is now configured with Saferpay integration. The system supports various payment methods and provides both customer-facing checkout experiences and admin management interfaces for tracking orders and payments.