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-hostsocket=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\PimcoreEcommerceFramework
Bundle::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/paymentprovider-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:

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		Order Description		
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Step 17: Configure Payment Methods

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

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Step 18: Frontend Implementation

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

Billing Ac	dress		Your Order Summary		
First Name *		Last Name *	Products Motorola Edge 50 Fusion - CHF CHF 21999	Products Motorola Edge 50 Fusion - CHF 21999 CHF 21999	
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Email *			Total	CHF 21999	
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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:

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Select Payment Method							Products Motorola Edge 50 Fusion - CHF 2999 CHF 21999		
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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. Yursen Yursen Yorder ord_67ddd5d4a563f Yorder Items Motorola Edge 50 Fusion (98) CHF 21995 Yota Price CHF 21995

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:

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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.