Pointspay - Salesforce B2C Commerce Integration Guide

pointspay

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Installation and Setup

Installation

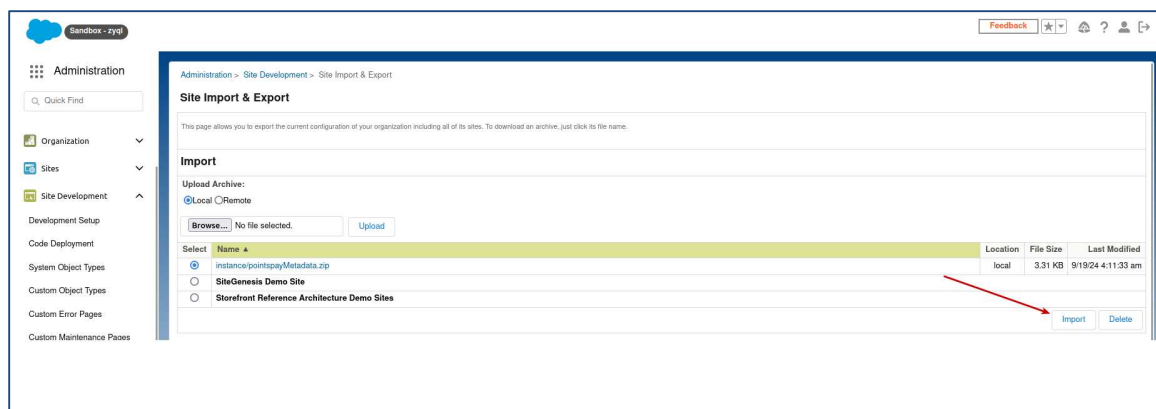### Step 1: Add Cartridge to Cartridge Path

Upload the cartridge pointspay_sfra into your sandbox and update the cartridge path. Navigate to **Business Manager > Administration > Sites > Manage Sites > Your Target Site > Settings** and insert pointspay_sfra before your cartridges record. Ensure that the app_storefront_base cartridge (which is the root SFCC cartridge) is included, as it is required for all other cartridges to function.
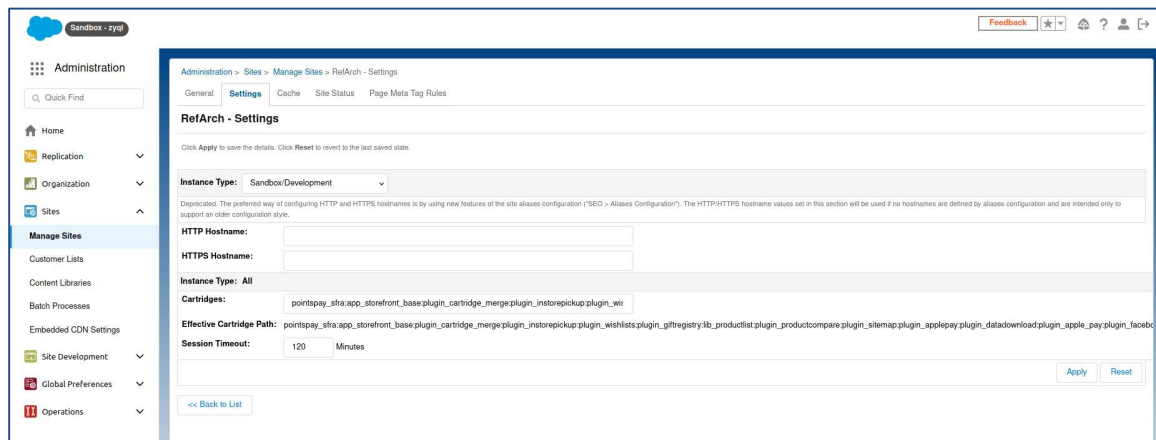
Click apply and verify that the pointspay_sfra cartridge is displayed in the Effective Cartridge Path.

### Step 2: Import Metadata Archive

Upload and import pointspayMetadata.zip from the cartridge metadata folder, which includes definitions for payment providers, methods, and custom configurations. Navigate to **Business Manager > Administration > Site Development > Site Import & Export**. Upload the archive using the Local option in the Upload Archive section. Ensure to change the name of the "RefArch" folder to the name of the site you wish to upload to. After the upload, select pointspayMetadata.zip from the list and click the Import button.

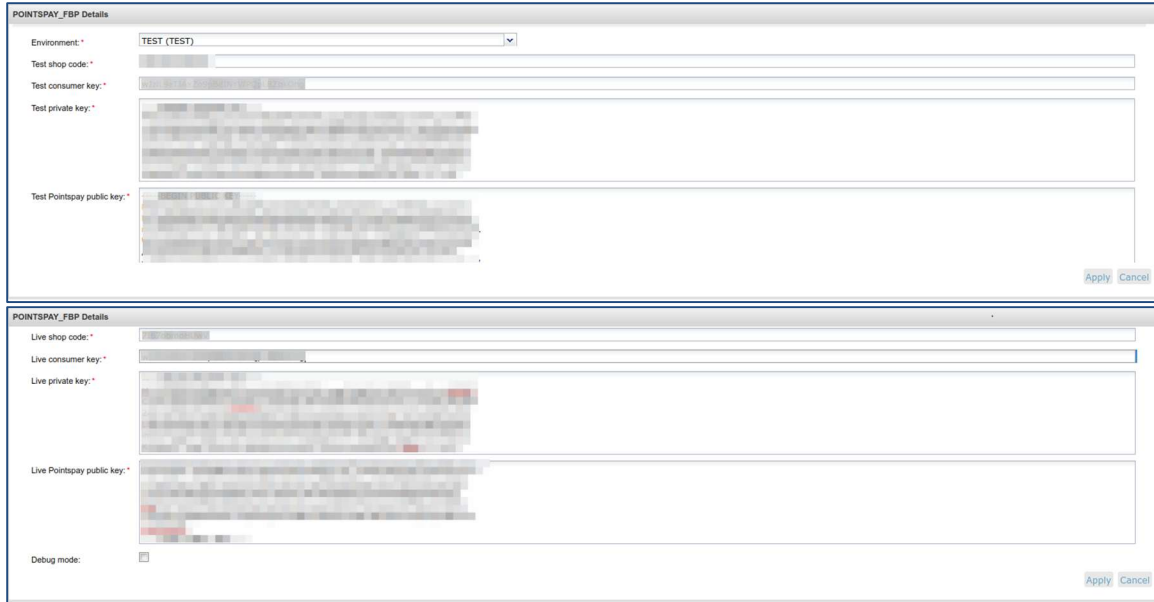Verify the status of the import upon its completion.

Payment Flavor Configuration

After successfully adding the cartridge to the cartridge path and uploading the metadata files, available Pointspay payment flavors will appear in the list of payment methods at **Business Manager > Merchant Tools > Ordering > Payment Methods**.
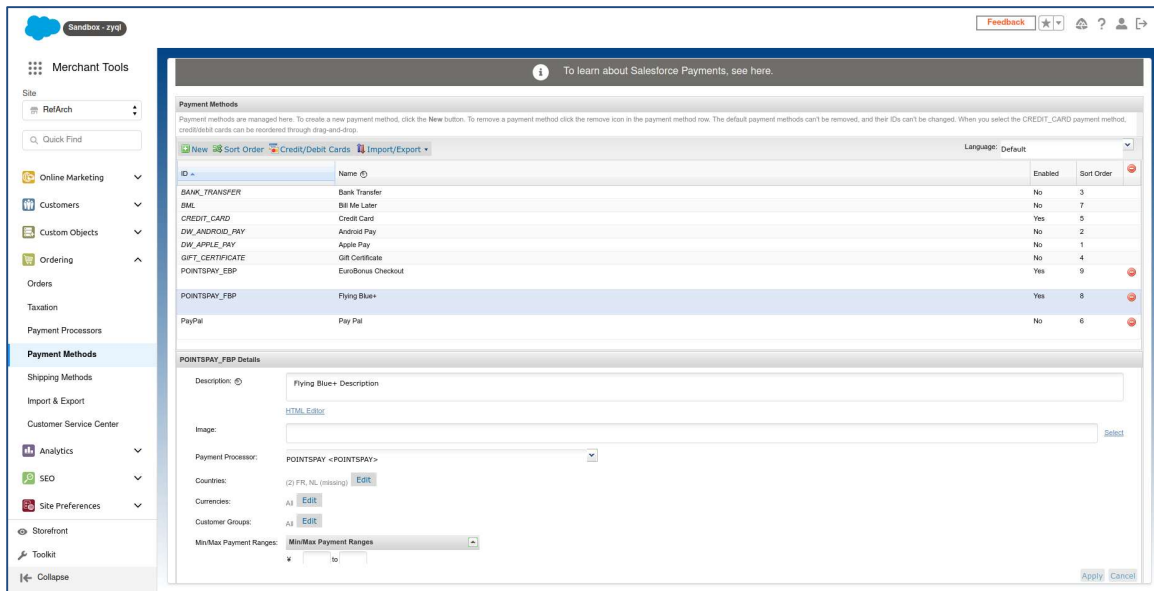
From here, you can configure the native Salesforce options, such as name, description, supported countries, currencies, and customer groups for each Pointspay payment flavor, as well as define some amount conditions for which you want to display these flavors.

Additionally, there are custom Pointspay configurations required to display these flavors on the Salesforce B2C storefront. These are available within the "Pointspay" section of the payment method configuration page.

Pointspay configuration includes the following environment-specific fields:

- **Shop code** - text field
- **Consumer key** - text field
- **Private key** - textarea field (used for signing payment requests to the Pointspay API)
- **Pointspay public key** - textarea field (used for verifying incoming requests from the Pointspay API)
- **Debug mode** - toggle field (merchants can select whether to switch debug mode on or off)

The Pointspay integration team provides the Shop code, Consumer key, and Pointspay public key. Merchants must generate a certificate for payment authorization and send it to the Pointspay team. The process to generate the certificate is described at the end of this document. Set the certificate's private key as the Test private key or Live private key, depending on the environment.

To verify incoming webhook requests from the Pointspay platform, the Pointspay team will provide a Pointspay certificate.

To retrieve the public key, use OpenSSL to extract it from the Pointspay certificate:

```
openssl x509 -pubkey -noout < cert.pem > pubkey.pem
```

Set the generated key as the Test Pointspay public key or Live Pointspay public key, based on the desired environment, in the payment configuration.

Displaying Payment Flavors on the Storefront

Once Pointspay payment flavors are configured, customers will see them listed among the available payment options in the billing section of the checkout page—after adding products to their cart and providing shipping and billing details.

When a customer selects the Pointspay payment option by clicking the "Flying Blue+" tab, the corresponding title and description configured for this payment method will be displayed.

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Sales Tax	$3.90
Total	**$81.89**

Shipping   Edit

Shipping Address:
John Doe
Test Street 1
LA CA 12345

9234567890

Shipping Method:
Ground (7-10 Business Days) **$5.99**

Payment

Billing Address

John Doe Test Street 1 LA CA 12345 ⌄

Update Address   Add New

*Phone Number ⓘ

9234567890

CREDIT	flying blue+

Flying Blue+
Flying Blue is the loyalty programme of Air France, KLM and Transavia. Members can earn Miles during their trips with Air France, KLM, and their partner airlines or when purchasing services from non-airline partners (hotel chains, car rental companies, etc.).

3 Items	$72.00

3/4 Sleeve V-Neck Top

Color: Icy Mint
Size: L
In Stock

Each	Quantity	Total
$24.00	3	$72.00

Next: Place Order

Order Submission

After selecting a payment method, customers move to the final review step, where they can verify all entered details, including shipping and billing information, and have the option to edit their cart before placing the order.

Need Help? Call 1-800-555-0199

Customer	Edit

Customer Information:
████████ ████

Shipping	Edit

Shipping Address:
John Doe
Test Street 1
LA CA 12345

9234567890

Shipping Method:
Ground (7-10 Business Days) **$5.99**

Payment	Edit

Billing Address:
John Doe
Test Street 1
LA CA 12345

risto.kekovic@logeecom.com
9234567890

Payment:
Flying Blue+

Place Order

Order Summary

Subtotal $72.00

Shipping $5.99

Sales Tax $3.90

Total **$81.89**

3 Items **$72.00**

3/4 Sleeve V-Neck Top

Color: Icy Mint
Size: L
In Stock

Each	Quantity	Total
$24.00	3	$72.00

Once the "Place Order" button is clicked, customers are redirected to a secure, externally hosted payment page to complete their transaction.

In the case of Flying Blue+, customers can choose whether to pay for their order with a card, accumulated loyalty points, or a combination of both.

Once the payment is completed, customers are redirected to the Salesforce B2C storefront and shown the order confirmation page, which includes a summary of the order along with the selected shipping and payment details.

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Thank You

Thank you for your order.

You will receive an email confirmation shortly at

Receipt

Order Number: 00001195
Order Date: 9/20/24

Shipping Address:
John Doe
Test Street 1
LA, CA 12345

9234567890

Shipping Method:
Ground (7-10 Business Days)..............................**$5.99**

Billing Address:
John Doe
Test Street 1
LA, CA 12345

risto.kekovic@logeecom.com
9234567890
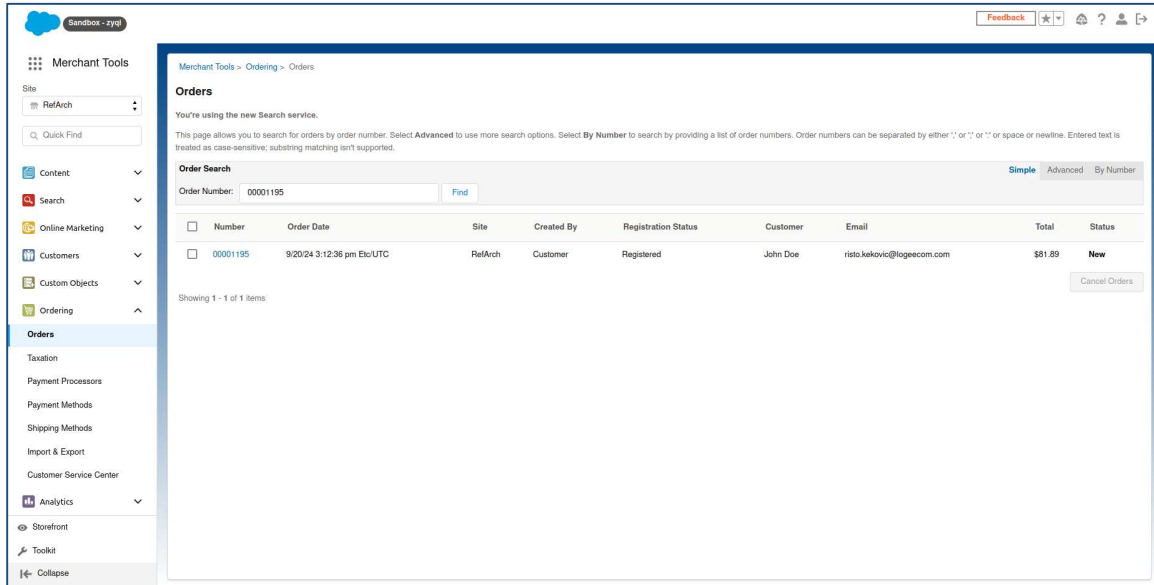
Payment:
Flying Blue+

Order Management

Once an order is placed using a Pointspay payment flavor, merchants can review it by going to **Business Manager > Merchant Tools > Ordering > Orders** and searching using the order ID.
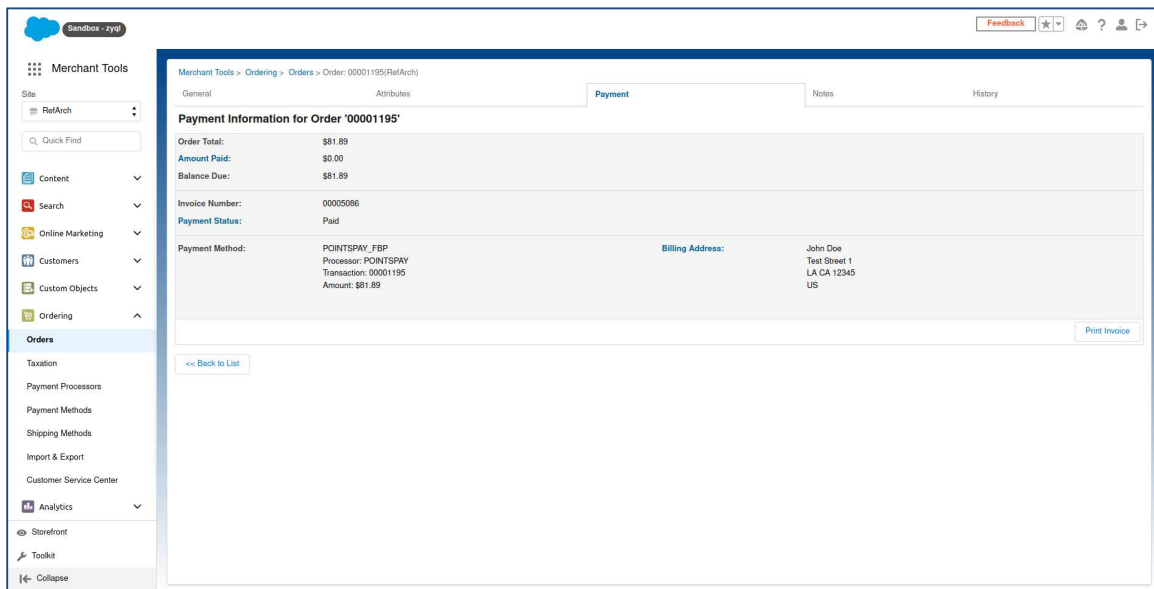
On the payment tab, merchants can check the payment status, selected payment flavor, and amount.

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Refunds

Salesforce B2C Commerce does not provide built-in functionality for processing refunds within its order management features. While merchants can adjust the payment status and update the paid amount through the Payments tab on the order details page, no further refund-related actions are available directly in the B2C Commerce system. To manage refunds and other advanced order actions, Salesforce offers its Order Management app (OMS). This application is a separate system from B2C Commerce.

The Pointspay team can grant access to their ON Payment portal to specific members of a merchant's team. Authorized users can use this portal to process refunds for orders.

Generate certificate to digitally sign the transaction

To sign a transaction request digitally, generate a private-public key pair and obtain a corresponding certificate. Use an 8192-bit key for optimal payload size. The certificate can be self-signed or signed by a Certificate Authority (CA). Here are the openssl commands for generating a self-signed certificate:

Open SSL Commands
-- Generate private certificate openssl req -newkey rsa:8192 -nodes -keyout key.pem -x509 -days 1095 -out certificate.cer -sha256

Alternatively, you can use the Java keytool command below:

Generate a private/public key pair
keytool -genkeypair -alias <<your alias>> -keys -keyalg RSA -keysize 8192 -dname "CN=<<Name>>" -validity 1095 -storetype PKCS12 -keystore <<KeyStore Name>> - storepass <<your password>> e.g. keytool -genkeypair -alias prod-merchant-signature-keys -keyalg RSA -keysize 8192 - dname "CN=prod-merchant" -validity 1095 -storetype PKCS12 -keystore prod-merchant-signaturekeys.p12 -storepass 12345

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Export the public certificate from a p12/pfx file
keytool -exportcert -alias <<your alias>> -keys -storetype PKCS12 -keystore <<your alias >>.p12 file <<CertificateName>>.cer -rfc -storepass <<your password>> e.g. keytool -exportcert -alias prod-merchant-signature-keys -storetype PKCS12 -keystore prodmerchant-signature-keys.p12 -file prod-merchant-public-certificate.cer -rfc -storepass 12345

Share the public certificate (.cer) file with Pointspay to add it to their trust store. The '.pem' private key file should remain confidential and only known to the merchant.