

A close up of a logo

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MONEI Integration Guide for

Salesforce Commerce Cloud eCommerce platform

*version 1.0.0*

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# 1. Summary

This guide describes how to integrate ***int\_monei\_sfra*** into Commerce Cloud Storefront Reference Architecture, for versions 5.x.x up 6.3.0

Cartridge includes the following payment methods:

* **Credit / Debit cards**
* **Bizum**
* **Google pay / Apple pay**

The integration uses the MONEI JS library and MONEI components for creating the payment integrations, and leverages the MONEI Payments REST API for creating and manipulating payments into the Payment service provider.

Built-in features allows to define the Apple Pay verification string in the site preferences as well as define a custom set of style rules for the Credit Card component

Before proceeding with the implementation guide, keep in mind that it is required to have a MONEI account. You can register in the page https://dashboard.monei.com/settings

# 2. Implementation Guide

## 2.1 Import metadata archive

Unzip, upload and import the archived metadata folder. In this folder there are the following meta data definitions:

* Services

The services used for the server-to-server REST API connection

* Payment processors
* Payment Methods

The definitions of the payment methods and processors that will be found in the checkout process

* meta/system-objecttype-extensions

The extension of the Salesforce commerce cloud attributes needed for the MONEI cartridge to work correctly.

To import the files, go to the section **Business Manager > Administration > Site Development > Site Import & Export**.

Upload the archives using *“Local”* option

To do so, go to **Business Manager > Administration > Site Development > Site Import & Export**. Upload archive using Local option in the Upload Archive section and after the upload completes, choose metadata\_monei.zip and click on import button.

The files can also be imported separately in the various Business manager section if needed.

## 2.2 Add the cartridge to the Site cartridge path

Add int\_monei\_sfra into the cartridge path of a target Site configured into Salesforce Commerce Cloud.

To add the cartridge, go to the section **Business Manager > Administration > Sites > Manage Sites > Your Site > Settings and insert the cartridge before your template cartridges.**

## 2.3 Build the cartridge client static assets

Once imported into the code base, the cartridge can be included into the code client-side build system easily if Webpack is used - please refer to the webpack that can be found in the cartridge.

Once done so, or if the cartridge is to be used with its own standalone build system, the commands to run are the following:

* *npm install*

this command has to be executed as first in order to download dependencies

* *npm run build*

this command will build both CSS and JS client-side files

* *npm run lint:js*
* *npm run lint:scss*

this command will run a linting task to the cartridge code and ensure absence of code stylistic errors

## 2.4 Configuring the Site Custom Preferences

A group of configurations can be found as Site Custom Preferences that allows the cartridge to successfully connect to your MONEI account.

To add the configurations, go to the section **Business Manager > Merchant Tools > Custom Preferences > Monei Configuration**

Currently available configurations are

* **Account ID**

The ID of your account needs to be placed here for the connection between the platforms to work successfully. This can be found in your MONEI Dashboard.

* **API Key**

The Key that allows the API between the platforms. This can be found in your MONEI Dashboard.

* **Plugin URL**

The url of the MONEI client-side library needed for initializing the payment components in the checkout. The default value is already configured but can be customized if needed.

* **Card custom styles**

A json that allows a style override of the credit card form field that will be rendered if the MONEI Card payment component is configured as a payment method. A detailed guide on the allowed properties can be found at the following url: <https://docs.monei.com/docs/monei-js/reference/#operation/subscriptions_resume>

* **Apple Pay verification string**

A textfield that expects the Apple Pay verification string used by Apple for verifying the domain.

This parameter is optional and needed only if the Apple Pay payment method is configured in the Business Manager.

Be advised that MONEI provides a verification file downloadable from the MONEI dashboard: if Apple verification is to be done through this file, download it from the dashboard and copy-paste its content into the default’s Site attribute before trying to verify the domain

# 3. Configure payment methods

Cartridge includes the following payment methods:

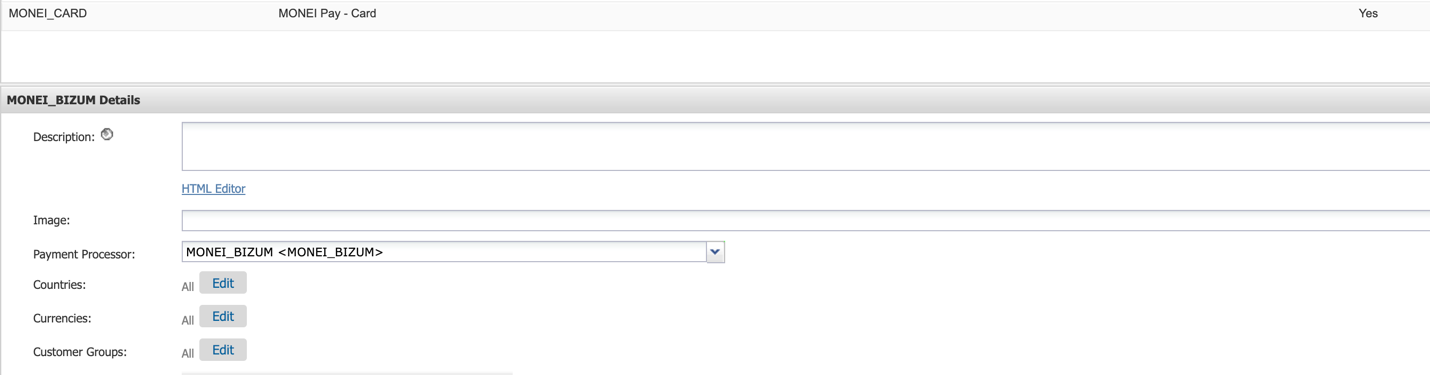
* **Credit / Debit cards**
* **Bizum**
* **Google pay / Apple pay**

Upon importing the included meta data or by manually configuring each payment methods, the payment method will be available in the Storefront if SFRA is used or if the isml templates are integrated with the Site’s storefront main cartridge

## 3.1 Credit/Debit cards form

The Credit / Debit card form is configured in the the business manager with the **MONEI\_CARD** processor

Configuration can be done / changed in the following section: **Business Manager > Merchant Tools > Payment Methods**



Payment method section - Cards 1

The name of the payment method is what will be seen in the Checkout confirmation page.

The payment method will be displayed as a two field’s form, one for accepting the card owner name and the other for accepting the card details

A screenshot of a credit card

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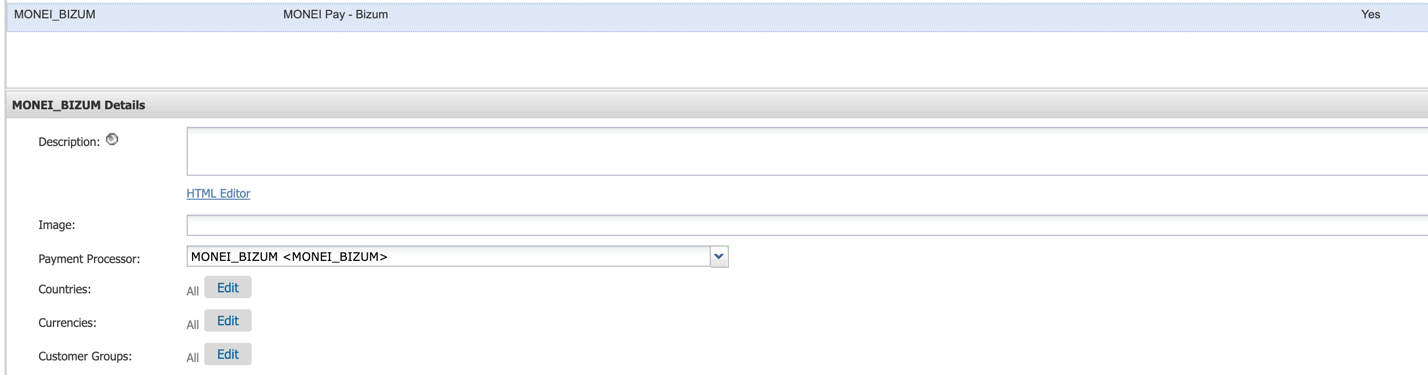
Payment method section - Cards 2

All fields are mandatory. For further details, refer to the Cards payment method section in the following url: <https://docs.monei.com/docs/payment-methods/card/>

## 3.2 Bizum

The Bizum button is configured in the the business manager with the **MONEI\_BIZUM** processor

Configuration can be done / changed in the following section: **Business Manager > Merchant Tools > Payment Methods**



Payment method section - Bizum 1

The name of the payment method is what will be seen in the Checkout confirmation page.

The payment method will be displayed as a button, that will open a popup when clicked confirming the user mobile phone and another popup after the Checkout confirmation page, expecting an action on the user’s mobile device before confirming the payment.

A screenshot of a phone payment

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Payment method section - Bizum 2

For further details, refer to the Cards payment method section in the following url: <https://docs.monei.com/docs/payment-methods/bizum/>

## 3.3 Google Pay / Apple Pay

The Google Pay / Apple Pay button is configured in the the business manager with the **MONEI\_PAYMENTREQUEST** processor

Configuration can be done / changed in the following section: **Business Manager > Merchant Tools > Payment Methods**

A screenshot of a computer

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Payment method section - PaymentRequest 1

The name of the payment method is what will be seen in the Checkout confirmation page.

The payment method will be displayed as a button in the Card payment method (both methods transact through cards), that will open a popup (of Google if Google Pay is supported or Apple if Apple Pay is supported) when clicked confirming the user card.

The component automatically recognizes if the payment method is supported by the user’s Browser/Device and displays the button accordingly.

A screenshot of a pay with a white box

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Payment method section - PaymentRequest 2

A screenshot of a credit card

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Payment method section - PaymentRequest 3

For further details, refer to the Cards payment method section in the following url: <https://docs.monei.com/docs/payment-methods/google-pay/> and <https://docs.monei.com/docs/payment-methods/apple-pay/>

# 4. Extended core list

## 4.1 Extended Core templates

The following SFRA templates have been extended:

* checkout/checkout.isml
* checkout/billing/paymentOptions.isml
* checkout/billing/paymentOptions/paymentOptionsContent.isml
* checkout/billing/paymentOptions/paymentOptionsSummary.isml
* checkout/billing/paymentOptions/paymentOptionsTabs.isml

## 4.2 Extended Core controllers

The following SFRA controllers have been extended:

* Checkout.js
* RedirectURL.js

## 4.3 Extended Core models

The following SFRA models have been extended:

* order.js
* payment.js

# 5. Error handling

Error handling is based on SFRA build in error logic: If possible a detailed error will be shown to the customer.

Most API errors are mapped and translated in the cartridge itself, if instead a code error is detected, a generic English error is shown to the user in the Checkout Payment Page.

If by customization the error rendering is not available to the user, the error will be logged anyway in the service Logs.

All error texts are located in

Int\_monei\_sfra/cartridge/templates/resources/moneierrors.properties

All API status code texts are located in

Int\_monei\_sfra/cartridge/templates/resources/moneistatuscodes.properties

Int\_monei\_sfra/cartridge/templates/resources/moneistatuscodes\_es.properties

Int\_monei\_sfra/cartridge/templates/resources/moneistatuscodes\_de.properties

Int\_monei\_sfra/cartridge/templates/resources/moneistatuscodes\_ca.properties

Int\_monei\_sfra/cartridge/templates/resources/moneistatuscodes\_fr.properties

Int\_monei\_sfra/cartridge/templates/resources/moneistatuscodes\_it.properties

Int\_monei\_sfra/cartridge/templates/resources/moneistatuscodes\_pt.properties

# 6. Support

## 6.1 Cartridge support info

The cartridge has been tested with SFRA 5.x, 6.3.0 and supports Compatibility Mode 22.7

## 6.2 Code issues / bug fixing

For any issue or detected bug please use the Github issue system: <https://github.com/MONEI/MONEI-Salesforce-Commerce-Cloud/issues>

## 6.3 Additional features

For any request of additional features, please use the Github issue system: <https://github.com/MONEI/MONEI-Salesforce-Commerce-Cloud/issues>

# 7. Known Issues

No reported issues so far.