



PayPal Integration Guide

FOR SALESFORCE COMMERCE CLOUD



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1 Summary

This Implementation Guide describes how to integrate `paypal_credit.messaging` version 20.1.0 into Commerce Cloud reference application Storefront Reference Architecture (SFRA) and `int_paypal` version 20.1.0

The `paypal_credit.messaging` includes:

- PayPal credit messaging banners

For more information, contact your PayPal support manager.

2 Component Overview

2.1 PayPal Credit Messaging

PayPal Credit is a revolving line of credit that gives your customers the flexibility to buy now and pay overtime. Consumers can use PayPal Credit on purchases at thousands of stores, like yours, that accept PayPal by selecting PayPal Credit at checkout.

PayPal Credit messaging is available for merchants in the United States who wish to promote the availability of special financing offers, which help increase sales.

For more details check [Credit Messaging Overview](#)

Credit Message feature is not available with enabled billing agreement on int_paypal cartridge. Please make sure you disable billing agreements in the custom preference section before cartridge installation.

3 Implementation Guide

3.1 Overview

`paypal_credit.messaging` cartridge requires `int_paypal` cartridge version 20.1.0 to work properly.

3.2 Installation

3.2.1 Import metadata file

1. Upload and import `paypal-credit-financial-options.xml` from the metadata folder. To do so, go to **Business Manager > Administration > Site Development > Import & Export**. Click on **Upload** and add `paypal_credit.messaging.xml` file from meta folder in your local file system.
2. Import file from **Import & Export** menu. Click on import in Meta Data section and choose `paypal_credit.messaging.xml` from the list.

Import & Export

Meta Data

Import and export your system meta data (i.e., system type extensions, custom object types, custom preference definitions). **Import** **Export**

Geolocations

Import geolocations for a country. **Import**

Import & Export Files

Upload and download your import and export files. **Upload** **Download**

Figure 1. Metadata sections in Import & Export

3.2.2 Add cartridge to cartridge path

Add `paypal_credit_messaging` into the cartridge path of a target site. To do so, go to **Business Manager** > **Administration** > **Sites** > **Manage Sites** > **Your Target Site** > **Settings** and insert `int_paypal` before your cartridges record, as shown in Figure 2.

RefArch - Settings

Click **Apply** to save the details. Click **Reset** to revert to the last saved state.

Instance Type: Sandbox/Development

Deprecated. The preferred way of configuring HTTP and HTTPS hostnames is by using new features of the site aliases configuration ("SEO > Aliases Configuration"). The HTTP/HTTPS hostname values set in this section will be used if no hostnames are defined by aliases configuration and are intended only to support an older configuration style.

HTTP Hostname:

HTTPS Hostname:

Instance Type: All

Cartridges: **Effective Cartridge Path:**

Apply **Reset**

Figure 2. Storefront cartridge path

3.3 Configuration

3.3.1 Updating Cartridge Custom Site Preferences

Go to **Business Manager** > **Merchant Tools** > **Site Preferences** > **Custom Site Preferences**. You'll see new Custom Site Preference Group called **PayPal Credit Messaging** (**Error! Reference source not found.**)

Click **View** for **PayPal Credit Messaging**.

Preferences in the group allow you to toggle visibility of the credit message for PDP, category and cart page.

4 Operation and Maintenance

4.1 Testing

Contact PayPal support for testing guide.

4.2 Logs

Cartridge uses `int_paypal` mechanism for logging errors.

4.3 SFRA core templates overlay list

The following templates from `app_storefront_base` cartridges been overlay by `int_paypalplugin_financial`

`cart/cart.isml`

`product/components/socialicons.isml`

`search/searchResultsNoDecorator.isml`

Templates are up to date with SFRA 4.4.1

4.4 Support

To get help and support from PayPal:

- **PayPal Business support** – Go to PayPal's [Contact Us](#) and log in to your PayPal account.
 - **Technical Support** – Go to the [Merchant Technical Support Help Center](#).
-

5 User guide

5.1 Credit Messaging overview

Credit Messaging present on:

- Category page - Figure 3
- Product detail page - Figure 4
- Cart page - Figure 6

Visibility of each message can be changed in Custom Preferences at the Business Manager. Check [Updating Cartridge Custom Site Preferences](#) for details.

Credit option for cart and category page calculated based on current cart total. If cart total is lower than 150 credit messages will notify customer about it. (Figure 5)

For PDP page product price will be used as value for credit options. For product sets message appears for each option and for set total.

 Pay as low as \$104.55/mo [Learn more](#)

Top Sellers ▼

[Reset](#)

Category

- Electronics
- Televisions
- Flat Screen
- Projection

Price



Samsung Series 7 67" LED DLP®
High Definition Television
\$2,099.99
★★★★★



Samsung Series 6 72" DLP® High
Definition Television
\$2,249.99
★★★★★



Sony Bravia® XBR® 70" LCD High
Definition Television
\$14,999.99
★★★★★

39 Results

Figure 3 Credit message on category page

Electronics / Televisions / Projection

Samsung Series 7 67" LED DLP® High Definition Television

Item No. samsung-hl67a750M ★★★★★

TV Type: DLP
Size: 67 inches
TV Signal Format: 1080p
Resolution: 1920 x 1080

Quantity

Extended Warranty

Availability: In Stock

\$2,099.99

[Add to Cart](#)

 As low as \$97.66/mo [Learn more](#)

Figure 4 Credit message on PDP page

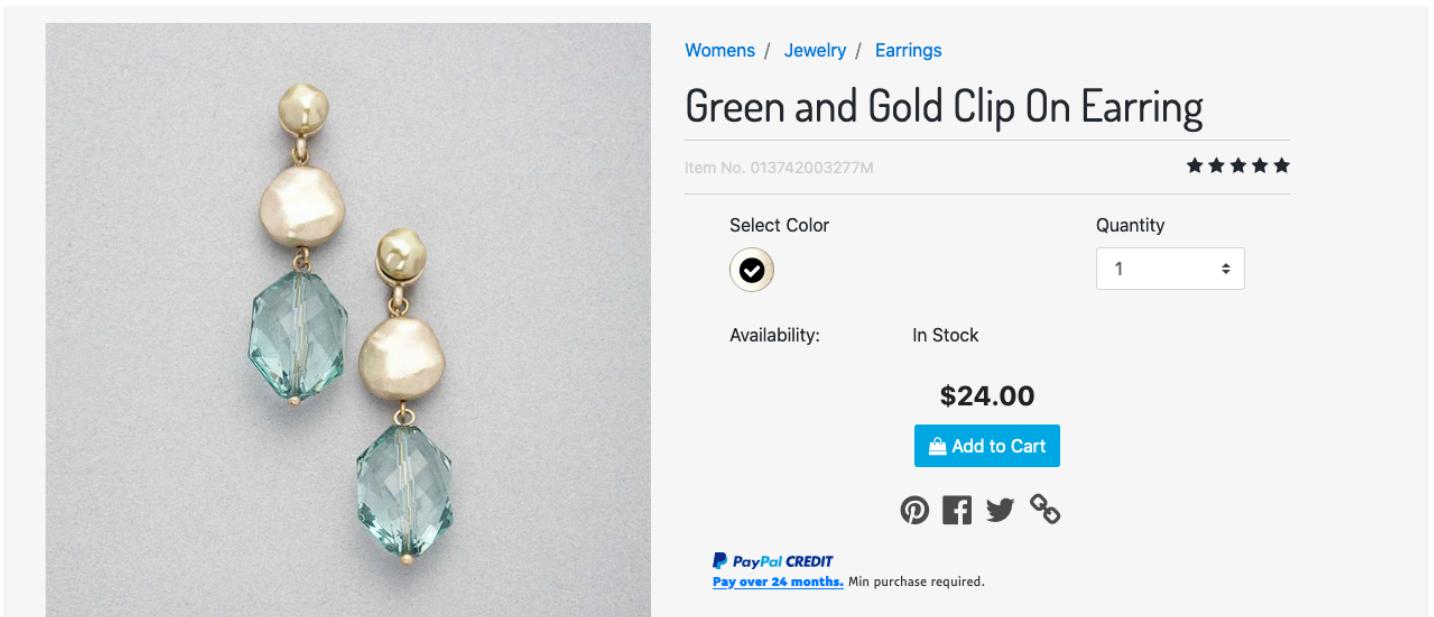


Figure 5 Credit message for product with small price

The screenshot shows a shopping cart summary. It lists one item: a 'Samsung Series 7 67" LED DLP® High Definition Television' priced at \$2,099.99. The cart also includes a 'Continue Shopping' link, a total count of '1 Items', and a 'Need Help? Call 1-800-555-0199' link. To the right, there's a section for entering a promo code with a 'Submit' button. Below that is a 'Shipping' section with a dropdown set to 'Ground (7-10 Business Days)'. Further down are breakdowns of shipping cost (\$40.99) and sales tax (\$107.05), leading to an 'Estimated Total' of \$2,248.03. A 'PayPal CREDIT' button offers payment starting at \$104.55/mo. Other payment options like 'PayPal Checkout' and 'Debit or Credit Card' are shown. At the bottom is a large blue 'Checkout' button.

Figure 6 Credit message on cart page

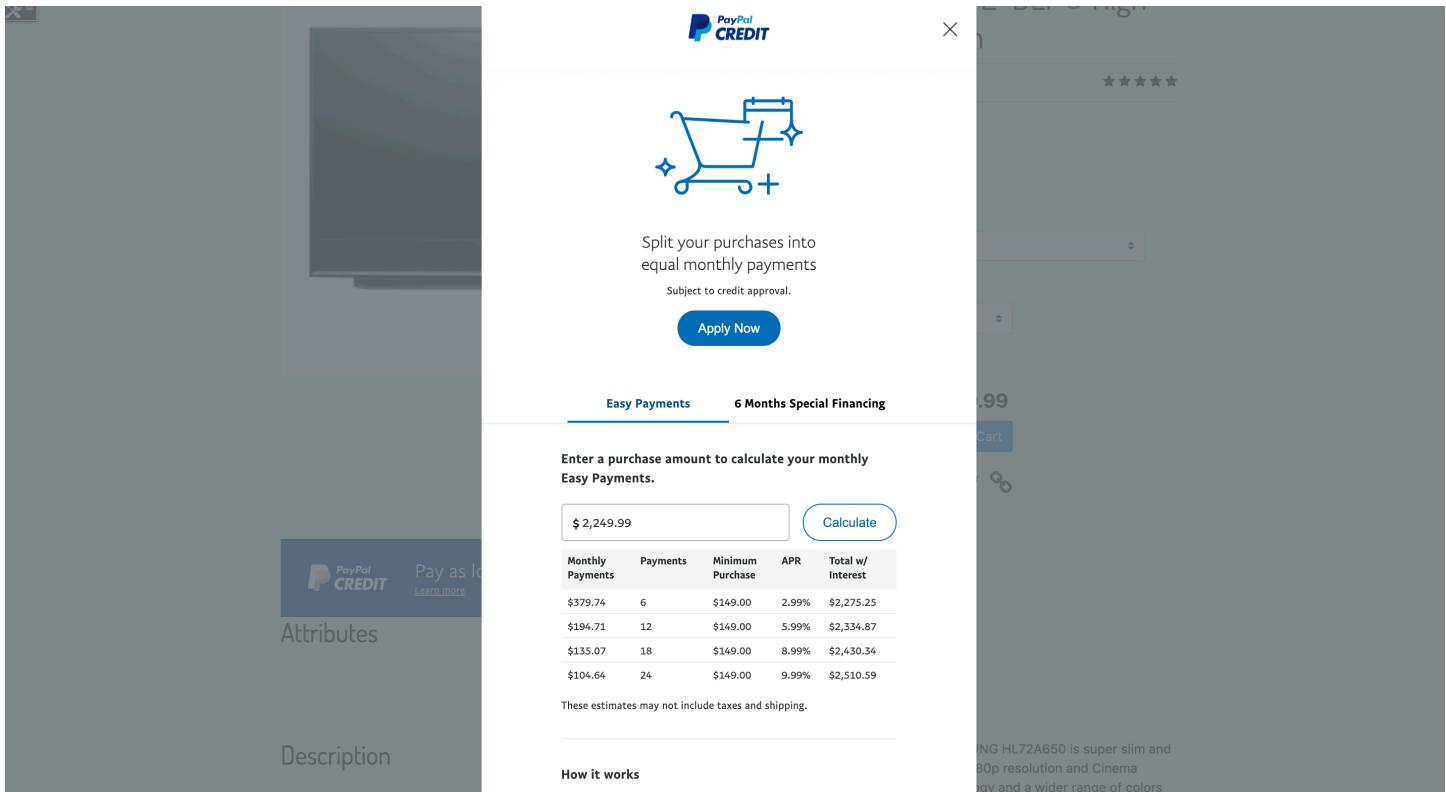


Figure 7 Credit message pop-up

5.2 Configuration

To change style of credit message change values in the

`paypal_credit.messaging/cartridge/config/creditMessageConfig.js` file. Each object in the file represent configuration for credit message on a cart, pdp or category page. You can find available configuration options here - [Message Configuration](#)

5.3 Customization

You can change location of the credit message by moving templates according to storefront design.

PDP message represented by two templates: `bundleDetailCreditMessage.isml` and `productDetailCreditMessage.isml` and located at `cartridges/paypal_credit.messaging/cartridge/templates/default/product/components/socialIcons.isml`.

Cart message represented by `cartCreditMessage.isml` and located at `paypal_credit.messaging/cartridge/templates/default/cart/cart.isml`

Category message represented by `categoryCreditMessage.isml` and located at `paypal_credit.messaging/cartridge/templates/default/search/searchResultsNoDecorator.isml`

6 Version and Support Info

6.1 Cartridge Version

The file with the current version of the cartridge is located at:

```
paypal_credit.messaging/cartridge/templates/resources/paypal_credit.messaging_version.properties
```

The file with the current version of the int_paypal cartridge is located at:

```
int_paypal/cartridge/templates/resources/paypal_version.properties
```

The file with the current version of the SFRA cartridge is located at:

```
app_storefront_base/cartridge/templates/resources/version.properties
```

6.2 SFRA Version Support

PayPal Credit Message cartridge version 20.1.0 supports SFRA 4.4.1 only.

6.3 Compatibility Mode

Cartridge tested with Compatibility Mode 18.10

7 Service Errors Handling

7.1 Service Timeout Handle

If a PayPal service becomes unavailable, error details can be found in the following logs:

- Error details can be found in the log with the **custom-PayPal** prefix.
- Service request/response details can be found in the log with the **service-PayPalRest** prefix.

For more details about logs, see [Logs](#) section.

8 Known Issues

No reported issues so far.