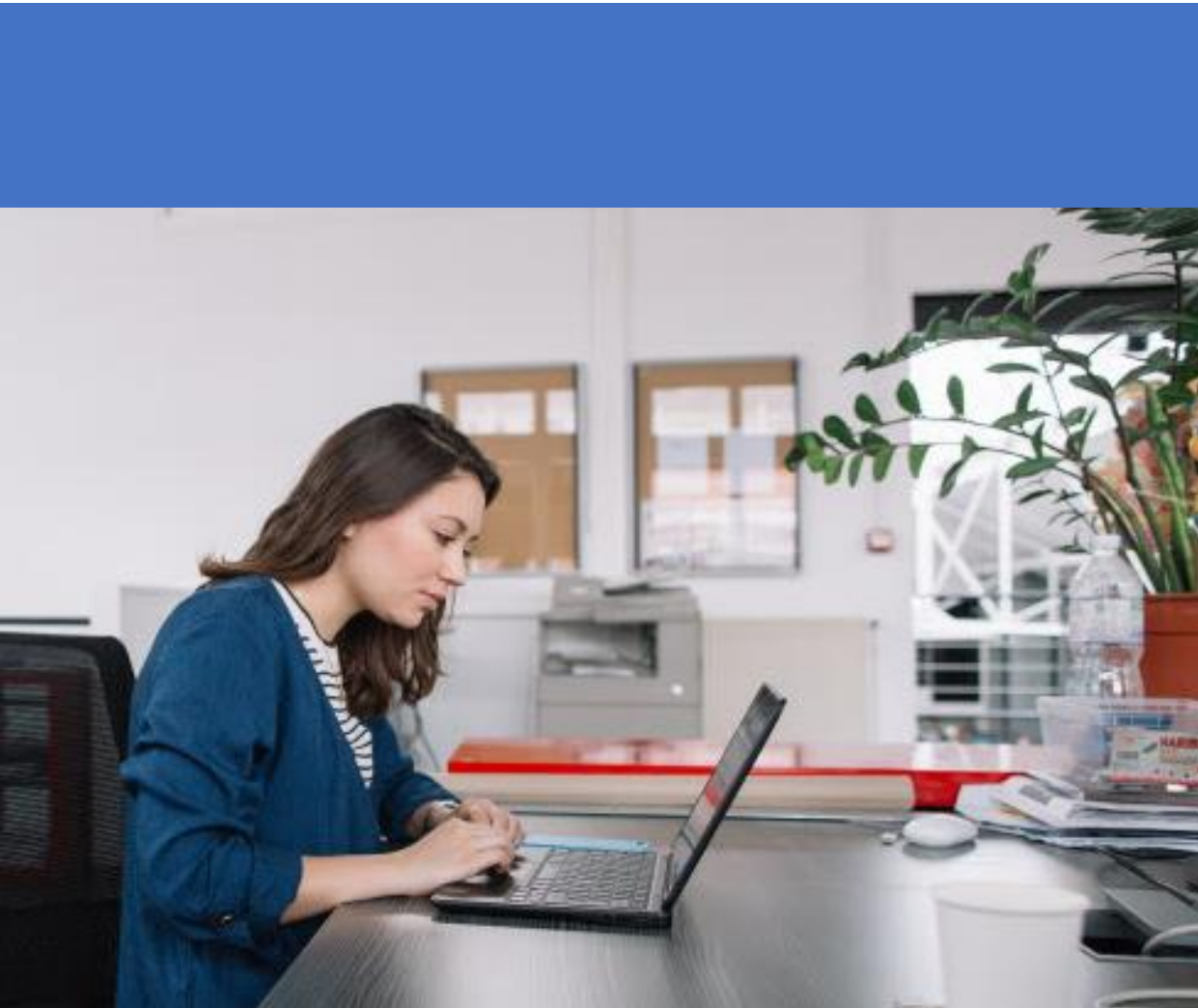


**Braintree**  
A **PayPal** Service



 **salesforce** commerce cloud

---

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# 1 Summary

This Implementation Guide describes how to integrate **paypal\_pay\_later** version 20.2.2 into Commerce Cloud reference application Storefront Reference Architecture (SFRA) and **int\_braintree** version 20.2.2

The **paypal\_pay\_later** includes:

- PayPal Pay Later Offers

To enable Pay Later Offers for your Braintree merchant account please contact PayPal Technical Support or your PayPal Account Representative.

---

## 2 Component Overview

### 2.1 PayPal Pay Later Offers

PayPal offers short-term, interest-free installments and other special financing options that allow customers to buy now and pay later, while merchants still get paid up front. Because pay later offers are included with PayPal Checkout, there's no additional cost to you.

For more details check [Pay Later Offers](#)

---

## 3 Implementation Guide

### 3.1 Overview

**paypal\_pay\_later** cartridge requires **int\_braintree** cartridge version 20.2.2 to work properly.

### 3.2 Installation

#### 3.2.1 Import metadata file

1. Upload and import **paypal\_pay\_later\_meta.xml** from the **metadata/pay\_later** folder. To do so, go to **Business Manager > Administration > Site Development > Import & Export**. Click on **Upload** and add **paypal\_pay\_later\_meta.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\_pay\_later\_meta.xml** from the list.

## Import & Export

<b>Meta Data</b>	
<b>Import</b> and <b>export</b> your system meta data (i.e., system type extensions, custom object types, custom preference definitions).	<b>Import</b> <b>Export</b>
<b>Geolocations</b>	
<b>Import</b> geolocations for a country.	<b>Import</b>
<b>Import &amp; Export Files</b>	
<b>Upload</b> and <b>download</b> your import and export files.	<b>Upload</b> <b>Download</b>

Figure 1. Metadata sections in Import & Export

### 3.2.2 Add cartridge to cartridge path

Add `paypal_pay_later` 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 `paypal_pay_later` 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.

<b>Instance Type:</b>	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 sec	
<b>HTTP Hostname:</b>	
<b>HTTPS Hostname:</b>	
<b>Instance Type:</b>	All
<b>Cartridges:</b>	paypal_pay_later:int_braintree:app_storefront_base
<b>Effective Cartridge Path:</b>	<pre>paypal_pay_later int_braintree app_storefront_base plugin_apple_pay plugin_facebook plugin_payments plugin_pinterest_commerce plugin_web_payments</pre>

Figure 2. Storefront cartridge path

### 3.2.3 PayPal Styles Configuration Business Manager modules installation

Add `bm_paypal` into the record of the Business Manager cartridge path. Go to **Business Manager > Administration > Sites > Manage Sites > Manage the Business Manager Site > Settings** and add `bm_paypal_configuration` to the input as shown in Figure 3.

Settings

Cache

Hostnames

## Business Manager - Settings

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

Instance Type:

Sandbox/Development

**Deprecated.** Up to two instance specific hostname aliases for Business Manager can be configured here.

HTTP Hostname:

HTTPS Hostname:

Instance Type:

All

Cartridges:

bm\_paypal\_configuration:bm\_braintree

Effective Cartridge Path:

app\_business\_manager;plugin\_apple\_pay;plugin\_facebook;plugin\_payments;plugin\_pinterest\_commerce;p

Figure 3. Business Manager Cartridge Path

Grant access to PayPal Styles Configuration.

- Go to **Business Manager > Administration > Organization > Roles & Permissions** and select the target role that needs to have access to PayPal Transaction management.
- Select the **Business Manager Modules** tab in the drop-down list on top. You must select your target site as the active context.
- Scroll to the for **PayPal Styles Configuration** module. Grant access to it by selecting the checkbox and clicking **Update**.

Once you do this, every Business Manager user with that role can manage Pay Later Banner styling from **Business Manager > Merchant Tools> Site Preferences > PayPal Styles Configuration**.

## 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 Pay Later**.

ID	Name	Description	Preferences
<a href="#">Storefront Configs</a>	Storefront Configurations		5
<a href="#">Paypal_Express_Checkout</a>	Paypal Configuration		6
<a href="#">BRAINTREE_COMMON</a>	Braintree Common		5
<a href="#">BRAINTREE_CREDIT</a>	Braintree Credit		2
<a href="#">BRAINTREE_PAYPAL</a>	Braintree PayPal		4
<a href="#">BRAINTREE_APPLEPAY</a>	Braintree Apple Pay		2
<a href="#">BRAINTREE_VENMO</a>	Braintree Venmo		1
<a href="#">Paypal_Checkout</a>	Paypal Configuration		7
<a href="#">Paypal_Credit_Messaging</a>	PayPal Credit Messaging		3
<a href="#">BRAINTREE_GOOGLEPAY</a>	Braintree Google Pay		2
<a href="#">Paypal_Pay_later</a>	PayPal Pay Later		3

*Figure 4. PayPal Pay Later custom preferences group*

Click **View** for **PayPal Pay Later**.

Preferences in the group allow you to toggle visibility of the pay later banner 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_braintree` mechanism for logging errors.

### 4.3 SFRA core templates overlay list

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

`cart/cart.isml`

`product/components/socialicons.isml`

`search/searchResultsNoDecorator.isml`

`common/scripts.isml`

Templates are up to date with SFRA 5.1.0

## 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 Pay Later banners overview

Pay Later banner present on:

- Category page - Figure 5
- Product detail page - Figure 6
- Cart page - Figure 8

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

Offer amount for cart and category page calculated based on current cart total. If cart total is lower than 150 transaction is under Pay Later limits and banner will notify customer about it. (Figure 7)

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

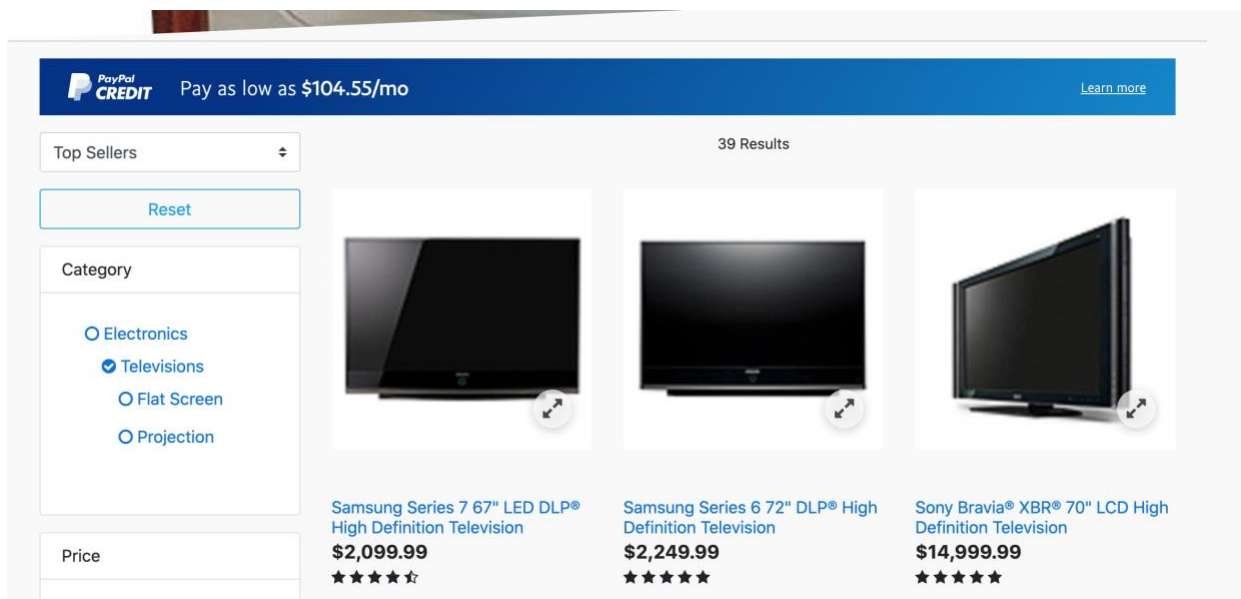


Figure 5 Pay Later banner on category page



Electronics / Televisions / Projection

## Samsung Series 7 67" LED DLP® High Definition Television

Item No. samsung-hi67a750M ★★★★★

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

Quantity  
1

Extended Warranty  
[\$0.00] None

Availability: In Stock

**\$2,099.99**

Add to Cart

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

Figure 6 Pay Later banner on PDP page

Womens / Jewelry / Earrings

## Green and Gold Clip On Earring

Item No. 013742003277M ★★★★★

Select Color  
☒

Quantity  
1

Availability: In Stock

**\$24.00**

Add to Cart

Pay over 24 months. Min purchase required.

Figure 7 Pay Later banner for a product with small price

**Samsung Series 6 72" DLP® High Definition Television**Extended Warranty: None  
In Stock

Each

**\$2,249.99**

Quantity

1



Total

**\$2,249.99**[Edit](#)

## Enter Promo Code

## Shipping

Shipping cost \$40.99

Sales Tax \$114.55

**Estimated Total \$2,405.53**[PayPal](#) Checkout

Pay Later

☐ Debit or Credit CardPowered by [PayPal](#)

Buy now. Pay over time.

[Learn more](#)*Figure 8 Pay Later button and banner on cart page*

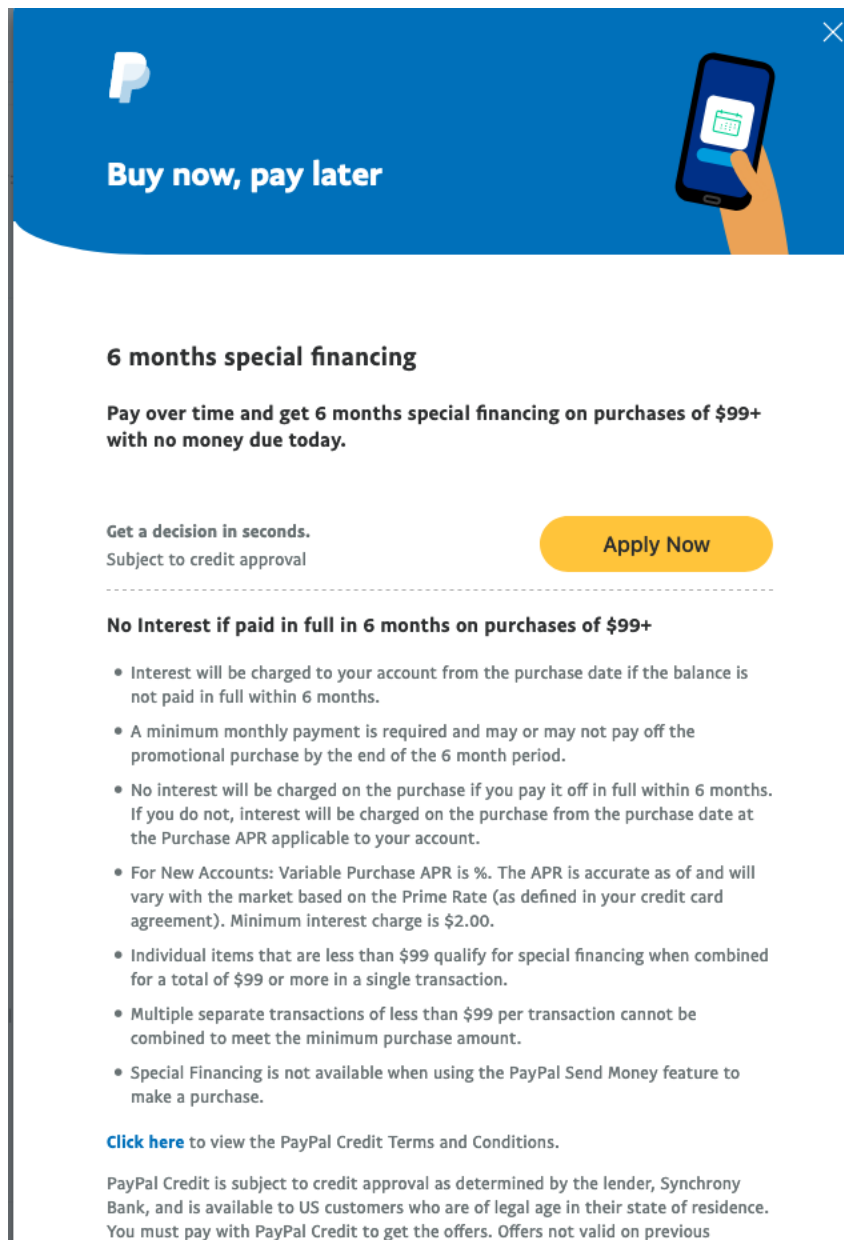


Figure 9 Pay Later pop-up

## 5.2 Pay Later Button

Pay Later button (Figure 8) will appear if smart button configuration match requirements: customer location should be eligible for Pay Later and merchant account should have permission to use Pay Later.

If you enable vault flow billing agreement will be created in checkout process.

For more information, please check [Checkout with Vault](#)

## 5.3 Configuration

Banners styles can be changed from Business Manager module. After installation open **Business Manager > Merchant Tools> Site Preferences > PayPal Styles Configuration.**

Depends on banner visibility you can configure styles for category, PDP and cart pages.  
For all available options please visit [Layout and style](#).



Figure 10. Pay Later Banner configuration

## 5.4 Customization

You can change location of the pay later banners by moving templates according to storefront design.

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

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

Category message represented by `categoryCreditMessage.isml` and located at `paypal_pay_later/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_pay_later/cartridge/templates/resources/paypal_pay_later_version.properties
```

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

```
int_braintree/cartridge/templates/resources/braintree_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 Pay Later cartridge version 20.2.2 supports SFRA 5.1.0 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-Braintree** 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.