



woosmap

SFRA LINK Cartridge Integration guide



commerce cloud

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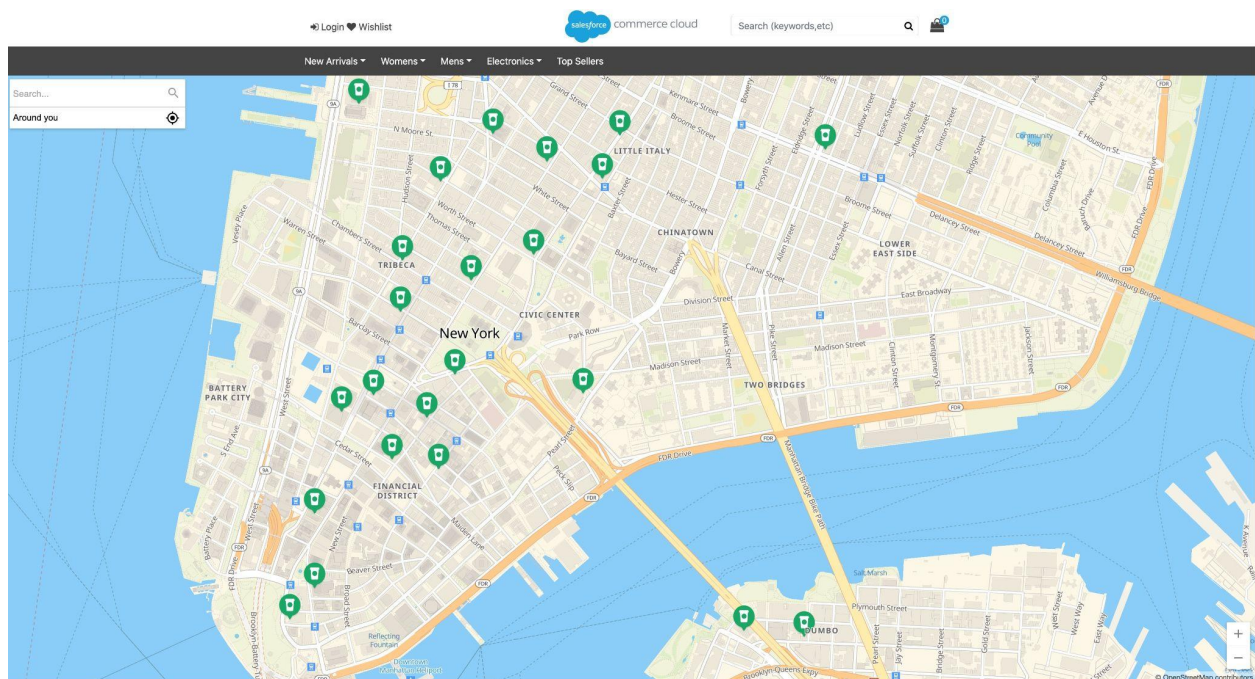
1. Summary

Woosmap's Link Cartridge adds to your Salesforce Commerce Cloud website an advanced Store Locator Widget.

To match your preferences and website's graphic style, all the properties of your Store Locator Widget can be customized through the Salesforce Business Manager.

This document provides technical instructions for using the Woosmap SFCC Cartridges to integrate the Woosmap Store Locator Widget into the SFCC storefront.

Preview



Glossary

Term	Description
SFCC	SalesForce Commerce Cloud
Business Manager (BM)	The primary tool used to configure the SFCC platform and customer storefront
SFRA	StoreFront Reference Architecture

2. Component Overview

Functional Overview

The Woosmap cartridge allows the customer to connect to a customized Store Locator displaying stores on a map. Woosmap cartridge replaces the internal SFCC Store Locator with the Woosmap Store Locator Widget.

The following cartridges are available to integrate with your SFCC storefronts:

Cartridge Name	Description
int_woosmap	SalesForce Commerce Cloud
bm_woosmap	The primary tool used to configure the SFCC platform and customer storefront

Limitations, Constraints

Use of the Woosmap cartridges requires keys from Woosmap. Please register on <https://www.woosmap.com> and contact Woosmap customer service.

Compatibility

The cartridges are designed for Salesforce Commerce Cloud 22.6 (Compatibility Mode: 21.7) with SFRA version 6.0.0.

Privacy, Payment

The Woosmap cartridges do not collect and process user profile information. For additional privacy information, please contact your Woosmap Account Manager.

3. Implementation Guide

Importing Cartridges Using The CLI

The CLI used here is [sgmf-scripts](#). You could also upload the cartridges using [dw-utils](#) or extensions for IntelliJ IDEA, VS code and Eclipse.

1. Download the cartridge source from the Partner Marketplace.
2. Unzip the directory
3. Install the dependencies from the unzipped directory.

```
cd /folder/SalesforceCommerceCloud-link_woosmap-...  
npm install
```

4. Create a config file called `dw.json` in the directory that contains the cartridges, and add the following content:

```
{  
  "hostname": "<*.demandware.net (without https/http)>",  
  "username": "<username>",  
  "password": "<password>",  
  "code-version": "<code-version>"  
}
```

- hostname is the hostname you use to access your sandbox, for example `"zzte-003.sandbox.us02.dx.commercecloud.salesforce.com"`,
- username and password are your account manager email and password,
- code-version is the name of the active code version in **Administration** → **Code Deployment**. For example, `"SFRA_UPC_05_04_2021"`.

5. Upload the cartridges by executing the following command.

```
npm run uploadCartridge
```

6. Verify that the Woosmap cartridges are correctly uploaded by going to **Administration** → **Development Setup** → **Folder Browser** → **Cartridges**.

Unable The Cartridge On Your Site

1. Go to **Administration** → **Sites** → **Manage Site** and select your desired site from the **Storefront Site** list:





[Administration](#) > [Sites](#) > Manage Sites

Storefront Sites

The list shows all Storefront sites defined in this organization.

Click **New** to create a new site. Click **Delete** to delete an existing site and all its content.

Click the site name to edit the site settings. Use the **Up** and **Down** buttons to define the order in which sites appear throughout the Business Manager.

Select All	Name	ID	Status	Sorting
<input type="checkbox"/>	RefArch	RefArch	Online	 
<input type="checkbox"/>	RefArchGlobal	RefArchGlobal	Online	 

[Refresh](#) [New](#) [Delete](#)

2. Go to the **Settings** tab. If your site is based on SFRA, add **int_woosmap** at the beginning of your cartridge path.

[Administration](#) > [Sites](#) > [Manage Sites](#) > RefArch - Settings

General **Settings** Cache Site Status Page Meta Tag Rules

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 Hostname:

HTTPS Hostname:

Instance Type: All

Cartridges: int_woosmap:plugin_cartridge_merge:plugin_instorepickup:plugin_wishlist

Effective Cartridge Path: int_woosmap:plugin_cartridge_merge:plugin_instorepickup:plugin_wishlists:plugin_giftregistry:lib_productlist:plugin

[<< Back to List](#)

Next, add the cartridge to the Business Manager:

1. Go back to **Administration** → **Sites** → **Manage Sites** and click on **Manage the Business Manager Site**.





[Administration](#) > [Sites](#) > Manage Sites

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Select All	Name	ID	Status	Sorting
<input type="checkbox"/>	RefArch	RefArch	Online	 
<input type="checkbox"/>	RefArchGlobal	RefArchGlobal	Online	 

[Refresh](#) [New](#) [Delete](#)

Business Manager Site

Manage the [Business Manager](#) site.

2. Go to the **Settings** tab, and add **bm_woosmap:int_woosmap** at the end of your cartridge path.

[Administration](#) > [Sites](#) > [Manage Sites](#) > Business Manager - Settings

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: 

Effective Cartridge Path: app_business_manager:plugin_apple_pay:plugin_facebook:plugin_payments:plugin_pinterest_commerce:plugin_woosmap

Import Metadata

The metadata linked to the cartridge contains mandatory **Custom Preferences** for Woosmap as well as default behavior to access the store locator page (a link in the footer).

Before uploading the metadata to your SFCC storefront, adapt the following to your site:

1. Under `metadata/woosmap/libraries`, rename the folder `RefArchSharedLibrary` to match the ID of your library.
2. Open the `metadata/woosmap/libraries/RefArchSharedLibrary/library.xml` file and rename the `library-id` attribute to match your own.
3. Under `metadata/woosmap/sites`, rename the folder `RefArch` to match the id of your site.
4. Compress as a Zip file the metadata folder `metadata/woosmap`.

You can then upload your metadata.

1. Go to **Administration** → **Site Development** → **Site Import & Export**, and upload the `woosmap.zip` archive from the `metadata` folder.
2. To import `woosmap.zip`, select the radio button next to it and click the import button.

[Administration](#) > [Site Development](#) > Site Import & Export

Site Import & Export

This page allows you to export the current configuration of your organization including all of its sites. To download an archive, just click its file name.

Import

You can delete a file only if it's a local file or if you're logged into the instance where the file was created.

Upload Archive:
☒ Local ☐ Remote

No file chosen

Select	Name ▲	Location	Delete Allowed?	File Size	Last Modified
<input type="radio"/>	instance/geolocation-sample.zip	local	Yes	1,018.44 KB	3/29/22 7:52:13 am
<input type="radio"/>	/instances/site_export_16_12_21.zip	global	Yes	77.13 MB	12/16/21 7:36:53 am
<input checked="" type="radio"/>	instance/woosmap.zip	local	Yes	3.19 KB	4/22/22 11:27:22 am
<input type="radio"/>	SiteGenesis Demo Site				
<input type="radio"/>	Storefront Reference Architecture Demo Sites				

3. Check the import is successful.

Status

Select All	Process	Start	Duration	Status
<input type="checkbox"/>	Site Import (woosmap.zip)	4/22/22 11:28:59 am	00:00:00	Success
Refresh				Delete

Showing 1 - 3 of 3 items

After import is successfully done, you should see the new Woosmap Custom Preferences in **Merchant Tools → Site Preferences → Custom Preferences → Woosmap**.

Merchant Tools / Site Preferences /

Custom Site Preference Groups [?]

[View Across Sites](#) [New](#)

Search by ID [Q](#) [T](#)

1-3 of 3

ID	Name	Description	Preferences	View Across Sites
SFRA Unified Feature Cartri...	SFRA Unified Feature Cart...		7	View
Storefront Configs	Storefront Configurations		5	View
Woosmap	Woosmap		4	View

Select Woosmap and you should see fields for cartridge setup.

Merchant Tools / Site Preferences / Custom Site Preference Groups /

Cancel
Apply to Other Sites
Save

Woosmap

Instance Type

Sandbox

Search by ID

1-4 of 4

Name	Value	Default Value
Enable Woosmap Store Locator Widget (enableSLW) Activate Woosmap Store Locator Widget in your website	<div>Yes</div> Activate Woosmap Store Locator Widget in your ...	Edit Across Sites
Woosmap Public Api Key* (woosmapPublicApiKey) (String) Public Api Key for Woosmap	<div>woos-48c80350-88aa-333e-835a-07f4b658a9</div> Public Api Key for Woosmap	Edit Across Sites
Mobile Break Point* (mobileBreakPoint) (Integer) Render SLW in Mobile View when client screen is under this value (in pixel)	<div>900</div> 900 Render SLW in Mobile View when client screen is ...	Edit Across Sites
Store Locator Widget Configuration (storeLocatorWidgetConf) JSON description of Store Locator Widget configuration	<pre>{ "woosmapview": { "fitBounds": true }, "theme": { "primaryColor": "#000" }, }</pre>	Edit Across Sites

Field Name	Description
Enable Woosmap Store Locator Widget	Activate Woosmap Store Locator Widget in your website
Woosmap Public Api Key	Public Api Key for Woosmap
Mobile BreakPoint	Render Store Locator Widget in Mobile View when client screen is under this value (in pixel)
Store Locator Widget Configuration	JSON description of Store Locator Widget configuration

Activate The Business Manager Extension

In order to access the **BM Woosmap Extension** and configure your preferences, you need to give administrator roles access to this module.


1. Go to **Administration** → **Organization** → **Roles & Permissions**, and click on the *Administrator* role.

[Administration](#) > [Organization](#) > Roles & Permissions

Roles

The page shows all roles in this organization.

Roles marked with ⚠ have permission to view or manage users or access roles or both. They are therefore security-sensitive roles. Please be careful when changing these roles so as not to unintentionally give access privileges to certain users.

Select All	ID	Description
<input type="checkbox"/>	 Administrator	The administrator has the rights to perform tasks related to the overall administration of the merchant organization and its users and roles. This access role is not site-specific and will grant the user access to the entire organization.

New Delete

2. Switch to the **Business Manager Modules** tab, select your site name (e.g. RefArch for example), and click **Apply**.
3. Check the checkbox for **Woosmap** and click **Update** button

[Administration](#) > [Organization](#) > [Roles](#) > Administrator - Business Manager Modules

General Users **Business Manager Modules** Functional Permissions WebDAV Permissions Locale Permissions Price Adjustment Limits Customer Service Center Permissions

Administrator - Business Manager Modules



This list shows all Business Manager modules available in the system for which permissions can be granted. Click **Select Context** to select the context for which you would like to modify permissions. Available context options are the organization, one site, or multiple sites.

Select the checkboxes and use the **Update** button at the bottom of the page to grant permissions to certain Business Manager modules. Deselect the checkboxes and use the **Update** button to revoke permissions to specific Business Manager modules.

Read access may be granted to an increasing number of Business Manager modules. Write access includes read access. When removing read access, make sure you haven't also granted write access for the respective feature.

When multiple contexts are selected with different permissions for a feature or module, detailed information can be viewed by clicking in the "Details" column.

Selected Context: RefArch, RefArchGlobal
[Select Context](#)


Business Manager Module	Module Description	Read	Write
 Woosmap		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 Store Locator Widget Config	Set your preferences for Woosmap Store Locator Widget	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>


Reset Update


A new menu should now appear in **Merchants Tools**.


Merchant Tools


Use the modules below to manage site-specific aspects of the application.


**Products and Catalogs**
Manage catalogs and products of this site.


**Content**
Manage the non-product content of this site.


**Online Marketing**
Manage online marketing activities of this site.


**Custom Objects**
Manage custom objects of this site.


**Analytics**
Browse reports of this site.


**Site Preferences**
Set preferences for this site.

**Woosmap**
Modules to manage Woosmap

**Search**
Manage Storefront search indexes and sorting options of this site.

**Customers**
Manage the customers of this site.

**Ordering**
Manage the orders of this site.

**SEO**
Optimize your page for search engines.

To configure the Woosmap Store Locator Widget through the BM extension go to **Merchants Tools** → **Woosmap** → **Store Locator Widget Config**.

Store Locator Widget

Configuration

Enable Woosmap Store Locator Widget

Yes

Activate Woosmap Store Locator Widget in your website

Woosmap Public Api Key

woos-48c80350-88aa-333e-835a-07f4b658a9a4

Public Api Key for Woosmap

Mobile Break Point

900

Render SLW in Mobile View when client screen is under this value (in pixel)

Store Locator Widget Configuration

```
{
  "woosmapview": {
    "fitBounds": true
  },
  "theme": {
    "primaryColor": "#000"
  },
  "maps": {
    "provider": "woosmap"
  },
  "datasource": {
    "maxResponses": 10,
    "maxDistance": 100000,
    "useDistanceMatrix": false,
    "routeProvider": "woosmap"
  }
}
```

4. Testing

Check integration test in folder `test/integration/woosmap` and unit test in folder `test/unit/woosmap`.

To run the unit tests please execute the command `npm run test`

To execute the Integration tests please execute the command `npm run test:integration`

5. Operations, Maintenance

Availability

When enabled the cartridge replaces the Store Locator functionality of the SFRA. If the Woosmap service becomes unavailable the Store Locator will not function. In this case, Woosmap cartridge should be disabled in site preferences, this will bring back the default Store Locator functionality until Woosmap service connectivity issue will be solved.

Failover/Recovery Process

Stores data come from Woosmap APIs. No Store data is hosted on SFCC therefore no failover/recovery process is proposed.

Support

For any question regarding the Woosmap functionality, please refer to the [Woosmap online documentation](#), [support contact form](#), and [community forum](#).

6. User Guide

Business Manager

See [Implementation Guide](#).

Storefront Functionality

See [Component Overview → Functional Overview](#) section.

7. Known Issues

No known issues

8. Release History

Version	Date	Change
22.1.0	2022-05-18	Initial Release