



woosmap

*SFRA LINK Cartridge Integration guide*



commerce cloud

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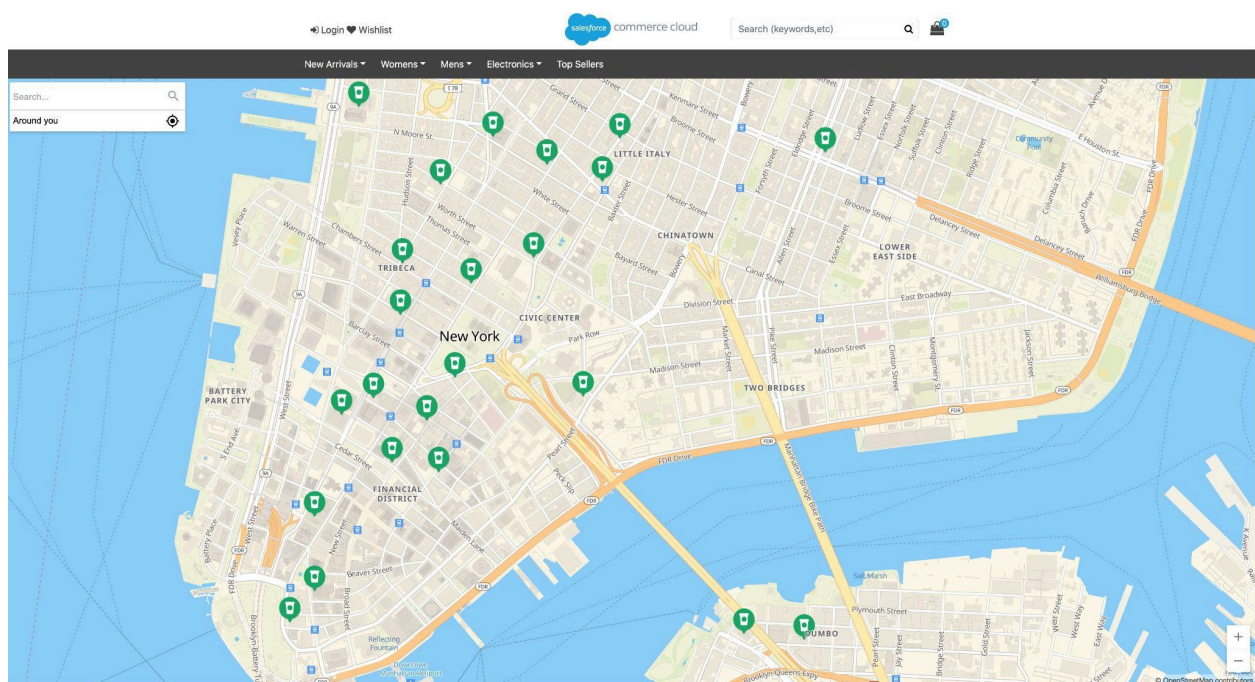
## 1. Summary

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 on his website. 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.

### Locales

The Woosmap Store Locator Widget is currently available for the following languages : French, English, Spanish, German, Italian, Portuguese, Dutch, Catalan, Brazilian Portuguese, Russian, Chinese, Japanese, Ukrainian, Hebrew, Polish and Romanian. That means all default labels such as the localization button “Around you” or the text input placeholder “Search...”, will be translated into the chosen language.

Cartridge labels are only available in English.

### 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. On the AppExchange, you can learn more about Woosmap and click **Get It Now** to be brought to Github, where our cartridges are available in a zip file for download.

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` at the root of the project, 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**.

## Enable 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"/>	<a href="#">RefArch</a>	RefArch	Online	 
<input type="checkbox"/>	<a href="#">RefArchGlobal</a>	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 and apply your modifications.

[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:plugir

[<< 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"/>	<a href="#">RefArch</a>	RefArch	Online	 
<input type="checkbox"/>	<a href="#">RefArchGlobal</a>	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 and apply your modifications.

[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:

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\_w

## 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. You will find the ID of your desired library from the **Content Libraries** list going through **Administration** → **Sites** → **Content Libraries**.

[Administration](#) > [Sites](#) > Content Libraries

### Content Libraries

Salesforce CMS Status: Not Connected

The list below contains all libraries defined by your organization, along with some statistical information about the library content.  
- Libraries of the type "Private" are owned by a site, can only be used by that site, and can't be deleted.  
- Libraries of the type "Shared" are owned by the organization, can be shared by multiple sites, and can be deleted by the user.

Select All	ID	Type	Site Assignments	Salesforce CMS Channel Assignment	Folders	Content Assets	Status	
<input type="checkbox"/>	<a href="#">Library - RefArch</a>	Private			1	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">Library - RefArchGlobal</a>	Private			1	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">RefArchSharedLibrary</a>	Shared	RefArch RefArchGlobal		28	172	Online	<a href="#">Edit</a>
								<a href="#">New</a> <a href="#">Delete</a>

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. You will find the ID of your desired site from the **Storefront Site** list going through **Administration** → **Sites** → **Manage Sites**.





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

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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"/>	<a href="#">RefArch</a>	RefArch	Online	 
<input type="checkbox"/>	<a href="#">RefArchGlobal</a>	RefArchGlobal	Online	 
<a href="#">Refresh</a> <a href="#">New</a> <a href="#">Delete</a>				

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"/>	<a href="#">instance/geolocation-sample.zip</a>	local	Yes	1,018.44 KB	3/29/22 7:52:13 am
<input type="radio"/>	<a href="#">/instances/site export 16 12 21.zip</a>	global	Yes	77.13 MB	12/16/21 7:36:53 am
<input checked="" type="radio"/>	<a href="#">instance/woosmap.zip</a>	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"/>	<a href="#">Site Import (woosmap.zip)</a>	4/22/22 11:28:59 am	00:00:00	Success

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 <sup>?</sup>

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

Search by ID

1-3 ▾ of 3

ID	Name	Description	Preferences	View Across Sites
SFRA Unified Feature Cartri...	SFRA Unified Feature Cart...		7	<a href="#">View</a>
Storefront Configs	Storefront Configurations		5	<a href="#">View</a>
Woosmap	Woosmap		4	<a href="#">View</a>



Select Woosmap and you should see fields for cartridge setup.

Merchant Tools / Site Preferences / Custom Site Preference Groups /

## Woosmap <sup>?</sup>

[Cancel](#) [Apply to Other Sites](#) [Save](#)

Instance Type  
Sandbox ▾

Search by ID

1-4 ▾ of 4

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

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.

<a href="#">Select All</a>	ID	Description
<input type="checkbox"/>	 <a href="#">Administrator</a>	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
<b>Woosmap</b>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Store Locator Widget Config</b>	Set your preferences for Woosmap Store Locator Widget	<input 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 cartridges 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
24.1.0	2024-06-18	Official Release
22.1.0	2022-05-18	Initial Release