

# LINK\_mercaux SiteGenesis integration

Version <20.7.0>



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## 1. Summary

One of the numerous Mercaux Applications functionalities is a looks creation tool. These looks, or outfits, are created in HQ or in-store by store associates through Mercaux Applications.

The component we are looking at here will allow to display the Looks created in Mercaux Applications on three pages of your website:

1. Product pages
2. Look Gallery
3. Homepage

In order to achieve that, an access to Mercaux Apps and particularly Mercaux Public API is required.

The integration described here consists of a cartridge to retrieve and index Looks as products sets in Salesforce Commerce Cloud backend, along with Storefront new page and slot contents.

## 2. Component Overview

### Functional Overview

The looks created in Mercaux Apps will be available in B2C Commerce and displayed in 3 different pages of the website:

1. Product Pages

In a product page, all looks that contain the product of the product page are displayed in a carousel

- o Looks details can be displayed in a pop-up to show products that are part of the look
- o Product size can be selected and product added to cart

2. Look Gallery

A new page link can be added to the menu to redirect to the look gallery

- o All Mercaux Looks can be browsed and filtered in the Look Gallery page
- o Look details can be displayed in a pop-up to show products that are part of the look
- o Product size can be selected and product added to cart

3. Homepage

From the Homepage, Looks can be displayed in a carousel

- o A list of specific Looks or random Looks can be displayed in a carousel
- o Look details can be displayed in a pop-up to show products that are part of the look
- o Product size can be selected and product added to cart

### Limitations, Constraints

In order to display the looks in the Look Gallery, Product Sets need to be searchable which makes them visible in the search result as well.

### Compatibility

The Mercaux cartridge is designed for Salesforce Commerce Cloud platform version 20.2 with controller based SiteGenesis architecture and new job framework.

Compatibility Mode: 19.10.

Tested against SiteGenesis version 104.1.3

### Privacy, Payment

Customer profile data is not being accessed with Mercaux Cartridge and it doesn't process or store credit card data.

### 3. Implementation Guide

#### Setup of Business Manager

##### 1. Download cartridge files from B2C Commerce marketplace/repository

For SiteGenesis architecture, the following cartridges are required:

```
int_mercaux_sgjc -- storefront cartridge
int_mercaux_sgjc_controllers -- storefront cartridge controllers
bm_mercaux -- business manager cartridge
```

##### 2. Download required 3rd party libraries

OWL Carousel

- Download and unpack OWL Carousel v. 2.3.4 distributive. [Link to download](#)
- Copy file `owl.carousel.min.js` from OWL Carousel `dist/` to your static folder somewhere under `js` directory  
Example:  
`static/default/js/lib/owl.carousel.min.js`
- Copy files `owl.carousel.min.css` and `owl.theme.default.min.css` from OWL Carousel `dist/assets` folder to your static folder somewhere under `css` directory  
Example:  
`static/default/css/lib/owl.carousel.min.css`  
`static/default/css/lib/owl.carousel.min.css`
- You also need to include references to those files into default SiteGenesis templates.  
See Custom Code section for details and make sure to follow all the instructions before checking carousel functionality.

##### 3. Add cartridges to your development sandbox

Upload following cartridges to your CI development sandbox

```
int_mercaux_sgjc
int_mercaux_sgjc_controllers
bm_mercaux
```

Add cartridges to site cartridge path

- Go to *Administration > Sites > Manage Sites > \${Your site} > Settings* tab
- Add `int_mercaux_sgjc_controllers:int_mercaux_sgjc` to the Cartridge field value at the beginning of the line.  
Example:  
`int_mercaux_sgjc_controllers:int_mercaux_sgjc:app_storefront_controllers:app_storefront_core`
- Click *Apply* button to save changes

Add cartridges to business manager cartridge path

- Go to *Administration > Sites > Manage Sites > Business Manager > Settings* tab
- Add `bm_mercaux` to the Cartridge field value at the end of the line.  
Example:  
`bm_app_storefront_base:bm_custom_plugin:bm_mercaux`
- Click *Apply* button to save changes

#### 4. Import metadata

All required metadata for SiteGenesis is located under the `metadata/SiteGenesis` folder. Default configuration uses `SiteGenesis` site and `storefront-catalog-m-en` catalogue. Please replace them with your actual values before importing as described below.

Check and edit files to be imported

- `metadata/SiteGenesis/sites/SiteGenesis/library/library.xml`  
Import Content Assets configurations to enable/disable the ability to show Looks Slider on the Product Detail Page.  
Make sure to replace `SiteGenesisSharedLibrary` with your library-id actual value. By default, the value is `library-id="SiteGenesisSharedLibrary"`
- `metadata/SiteGenesis/sites/SiteGenesis/slots.xml`  
Import Content Slot configurations to have abilities to enable/disable Looks Slider on the home page.  
You would have warnings during the import slots as you should define them in the codebase before import. Therefore define slot tags under your homepage template file as described in **Custom Code** section
- `metadata/SiteGenesis/sites/SiteGenesis/` folder  
Please rename this folder with your site id like this  
`metadata/SiteGenesis/sites/YOUR_SITE_ID/`
- `metadata/SiteGenesis/meta/system-objecttype-extensions.xml`  
The file contains attributes definition to extend following System Object Types: `Product`, `SitePeferences`
- `metadata/SiteGenesis/meta/custom-objecttype-extensions.xml`  
The file contains Custom-Object Type definitions to have the proper configuration for Analytics.
- `metadata/SiteGenesis/catalogs/storefront-catalog-m-en/catalog.xml`  
Import Catalog file to create Category "Looks" that Job uses to import products and assign them to the imported category.  
Catalog `storefront-catalog-m-en` is used by default. Please replace this value with actual storefront catalog ID that is assigned to your site as follows.  

```
<?xml version="1.0" encoding="UTF-8"?>
<catalog xmlns="http://www.demandware.com/xml/impex/catalog/2006-10-31"
catalog-id="YOUR_STOREFRONT_CATALOG_ID">
```
- `metadata/SiteGenesis/jobs.xml`  
The file contains Jobs configurations for Import Looks and Analytic logic.  
By default, job steps are configured to run with `SiteGenesis` site scope.  
Replace this value with your current site id and catalog ids like this:  

```
<context site-id="YOUR_SITE_ID"/>
```
- `metadata/SiteGenesis/services.xml`  
The file contains Service configurations to work with Mercaux API and this service is used in Jobs flow.

Create archive with metadata directory and import it

- Archive `metadata/SiteGenesis` folder.
- Go to *Administration > Site Development > Site Import & Export*
- Upload the archive
- Select archive in file list and push *Import* button

Alternatively, you can import each file separately. See this [cheatsheet](#) for the details.

## Configuration

### 1. Setup Service to work with Mercaux API

Go to the *Services Administration > Operations > Services* and find the recently imported Mercaux service named `int_mercaux_api_service`.

You can go through the settings of service `int_mercaux_api_service` to set up additional settings.

Setup credentials by going to *Credentials*: Select `int_mercaux_api_service_creds` credential item and put the relevant information of API to use within the cartridge, such as *URL*, *Password* endpoint of API.

By default, the service uses `https://api.mercaux.com/1.0/api` URL API endpoint.

You may get an error while Job is executing. If there is any error with provided credentials, make sure to check the Log directory to identify the error message.

Make sure that the service is enabled and credentials settings have the correct values.

### 2. Update Searchable Attributes

Go to *Merchant Tools > Search > Searchable Attributes* and add one more attribute as `manufacturerSKU` if that hasn't been added before.

Mercaux's Job uses this attribute to find products by SKU.

You will get an error under the Logs section if your `manufacturerSKU` wasn't defined.

Example of error:

```
ErrorMessage: Products with the SKUs from Response weren't found or  
manufacturerSKU search refinement attribute wasn't defined.
```

### 3. Add Search Refinement to the Storefront Catalog

Go to your current storefront catalog for the considered site and define one more Search Refinement value if it hasn't been done yet.

Under the *Search Refinement Definitions* tab, you should add new search refinement definition:

- Display name: `SKU`
- AttributeID: `manufacturerSKU`

After these steps your `manufacturerSKU` refinement attribute will be added to the storefront catalog.

Rebuild all indexes on *Merchant Tools > Search > Search Indexes* page.



#### 4. Run Job to fetch Looks from Mercaux API

Go to the *Administration > Operations > Jobs* and select `mercauxLooks` Job.

You can find extra configuration in the different tabs of the Job, but the main settings you can find in the *Job Steps* tab.

The job has following steps:

##### **createXMLFile**

Contains functionality and configuration to generate XML files and collect them at the Impex folder.

Config fields such as:

- `CatalogID` - ID of your current Master catalog
- `StorefrontCatalogID` - ID of your current Storefront catalog. Best practice of Catalog design is using both Master and Storefront catalogs, but you also could set your Master catalog ID to this field.
- `CatalogImageBasePath` - Image Base path value of your current Master catalog. See Base path value on *Image Settings* tab of your master catalogue settings page.
- `CategoryID` - Category ID where generated Looks will be assigned. Default value is "Looks".
- `RootMercauxFolder` - Root folder path where generated XML catalog with the looks are placed.

##### **Import**

Contains functionality to import generated catalog files and import them. There are configuration fields that you can edit based on your own site requirements.

##### **CleanArchiveFolder**

Contains functionality to keep the archive folder clean and has only a fixed amount of .zip files with the catalog files that have been imported.

##### **Reindex**

Before clicking *Run Now* make sure that you have successfully setup proper Scope per each Job step. There are values that should be per each Job Step:

- `createXMLfile`: Scope is `Current Storefront Site`
- `Import, CleanArchiveFolder`: Scope is `Organization`
- `Reindex`: Scope is `Current Storefront Site`

After the success of the Import step, Job runs Reindex step to update Search Indexes based on catalog import.

## 5. Enable/Disable Content Asset to show Looks Carousel on the PDP

Content Assets are used to show/hide Looks Carousel slider on the PDP.

After successful metadata import, you will find content asset `mercaux-pdp-slider-looks-content`.

This content asset responsible for global configuration shows/hides Looks Carousel on the PDP.

To globally enable or disable this content asset you need to

- Edit content asset
- Change *Online* option to Yes or No
- Click *Apply*

## 6. Enable/Disable Content Slot to show/hide Looks Carousel on the Homepage

Content Slots are used to show/hide Looks Carousel on the homepage.

After a successful import, go to *Merchant Tools > Online Marketing > Content Slots* and you will be able to find Mercaux's imported Content Slot `homepage-mercaux-looks-slider`

This content slot has two configurations:

- `homepage-looks-slider-category-block`  
This slot configuration is responsible for the logic that is displaying looks from the selected category.  
By default - **Looks** category is selected.  
You can set up the number of Looks that are displayed in the Slider from Category on the settings page *Merchant Tools > Custom Preferences > Mercaux Cartridge Settings* using the Number of Products in Slider Slot Category field. By default, the value is 6.
- `homepage-looks-slider-product-ids-block`  
This slot configuration provides settings to show Looks Carousel based on selected Product Look IDs.  
Some of the IDs are already predefined by default.  
You have the flexibility to choose between what type of configuration you need to show on the homepage by changing the statuses to Active/Inactive.  
Meanwhile, you are able to add configuration to the existing Content Slot that you have selected, just repeat the configuration of `homepage-mercaux-looks-slider` slot to the existing one.

## 7. Looks Gallery page settings

- Go to [Merchant Tools > Products and Catalogs > Catalogs](#)
- Select storefront catalog that current site is assigned to
- Notice Looks category and click *Edit* link to see the settings.

Under these settings you are able to configure Looks category based on your own configurations.

## 8. Mercaux Custom Preferences

- Go to *Merchant Tools > Site Preferences > Custom Preferences*
- Go under *Mercaux Cartridge Settings* settings page

Mercaux Cartridge provides Custom Preferences definition.

This definition will appear after the XML file of system object types is imported.

***This page has a few fields:***

- Default Look Gallery page Category ID  
This value is important because all logic in the Controllers use this Category ID to check and append template value to render Mercaux's templates only where necessary. By default, the value ID is `Looks`.
- Number of Products in Slider Slot Category  
The number of products to display in the Looks Carousel Slider for Content Slot with Category logic to show.
- Enable Cartridge Globally  
Turn on/off cartridge globally for all site and all places. By default, the value is `No`.
- Page size used while searching result in slot  
The number of products received in one search result in the Content Slot templates to show sliders. By default, the value is `64`.

## 9. Configure Recurring Interval of Analytic Job

After Job files are imported, Analytic job is configured to run every hour for generating Analytic files.

You can change the settings of Recurring config in `MercauxAnalytic` job settings.

- Go to your Analytic Job configuration *Administration > Operations > Jobs > MercauxAnalytic > Schedule and History* tab
- Under *Active* and *Run Time* you could see initial settings of run execution of job. You can configure by yourself or leave as is.

You can read more about this in the link to the [DOC](#)

You can also add using SFTP Uploader step (See section #10 below) or just click *Run Now* button to start Analytic Job.

## 10. SFTP configuration to upload Analytic files (Optional)

If you would like to upload your generated analytic .XML files, you could setup one more job step based on 3rd party LINK cartridge `Job Components`

### Download and Install Job Components

Download following LINK cartridge from the marketplace repository and install cartridge based on cartridge documentation.

Repository link: <https://github.com/SalesforceCommerceCloud/job-components>

### Setup your SFTP service configuration

If you have already configured SFTP service you can skip this guide step.

- Create your SFTP service profile (Doc link: [create web service profile](#))
- Create your SFTP service credential (Doc link: [create web service credential](#))
- Create your SFTP service configuration (Doc link: [create web service configuration](#))

In addition, one of the important steps of this setup is that you should select Service Type and set as SFTP ([Read more about Service Types](#)).

Type and select profile and credential that you've created based on previous steps.

### Add SFTP job step

- Go to *Administration > Operations > Jobs > MercauxAnalytic > Job Steps* tab

- Add one more sequential flow by clicking on + icon and click *Configure a step* to add one more Job step.
- If you successfully configured Job Components LINK cartridge type in search field `custom.CSComponents.FtpUpload`, you will find Job step that will be used for SFTP upload.
- Fill required fields based on configuration values. Short descriptions of fields:
  - ID - Add your Job step ID
  - ServiceID - Put Service configuration ID of your existing SFTP service configuration or which you created based on **Setup your SFTP service configuration** step
  - FilePattern - Set regex pattern of files that should be uploaded.  
In our case value: `.\.xml`
  - SourceFolder - Set Source folder where analytic files are placed. In our case value: `src/mercaux/Analytics`
  - TargetFolder - Set your target folder on the SFTP server where files will be uploaded
  - ArchiveFolder - Set Local folder where files will be archived after they will be uploaded on SFTP server, relative to IMPEX/. For example: `src/mercaux/Analytics/archive`

You could also configure additional configuration of Job step and when you're done click *Assign* button to save your step configuration.

After these steps, your Analytic job will use SFTP step to upload your analytic files to the SFTP server based on configuration.

## Custom Code

### 1. StoreFront code

**Define Global File Assets and link 3rd party libraries in current base cartridge that the site uses**

Modifications:

- `cartridge/templates/default/components/footer/footer_UI.isml`  
Replace `{YOUR_LIBS_FOLDER}` with the path you have placed in OWL Carousel js files and add following code on line #30.

```
<isif
condition="${dw.system.Site.getCurrent().getCustomPreferenceValue('mercaux_GlobalEnableStatus')}">
<!-- Mercaux JS Assets Include -->
<span class="js-mercaux-analytics-tag"
data-mercaux-analytics-url="${URLUtils.url('Analytics-Add')}"></span>
<script defer
src="${URLUtils.staticURL('/js/{YOUR_LIBS_FOLDER}/owl.carousel.min.js')}"></script>
<script defer src="${URLUtils.staticURL('/js/mercauxApp.js')}"></script>
</isif>
```

- `cartridge/templates/default/components/header/htmlhead.isml`  
Replace `{YOUR_LIBS_FOLDER}` with the path you have placed in OWL Carousel css files and add following code on line #83.

```

<isif
condition="${dw.system.Site.getCurrent().getCustomPreferenceValue('mercaux_GlobalEnableStatus')}}">
<!-- Mercaux CSS Assets Include -->
<link rel="stylesheet"
href="${URLUtils.staticURL('/css/{YOUR_LIBS_FOLDER}/owl.carousel.min.css')}}" />
<link rel="stylesheet"
href="${URLUtils.staticURL('/css/{YOUR_LIBS_FOLDER}/owl.theme.default.min.css')}}" />
<link rel="stylesheet" href="${URLUtils.staticURL('/css/mercauxStyles.css')}}" />
</isif>

```

### Define Looks Carousel at the Product Detail Page

We replaced the template of the Product Detail page with adding some part of code to have the ability to show Looks Carousel somewhere in the page and keep that file in the templates of the cartridge as well.

You can replace your own Product Detail template based on your current site template and define code below:

Modifications:

- cartridge/templates/default/product/producttopcontent.isml  
Add the following code to define Mercaux Slider content slot:

```

<isinclude url="${URLUtils.url('Mercaux-IncludeSlider', 'cid',
'mercaux-pdp-slider-looks-content', 'pid', pdict.Product.ID)}" />

```

- cartridge/templates/default/product/producttopcontent.isml  
Add the following code to define Mercaux Shop the Look Button:

```

<isif
condition="${dw.system.Site.getCurrent().getCustomPreferenceValue('mercaux_GlobalEnableStatus')}}">
<div class="shop-the-look-btn js-insert-shop-the-look-btn"
data-slider-id="SliderLooksCarousel">
    <a href="#SliderLooksCarousel" class="btn-primary">SHOP THE LOOK</a>
</div>
</isif>

```

### Define Look Modal at PLP search template

To enable showing Looks Popup modal at the search page (PLP), you should add `isinclude` tag to include Modal Popup template.

Modifications:

- cartridge/templates/default/search/pt\_productsearchresult.isml  
Put the following code before `</body>` tag:

```

<isinclude template="modal/baseModal"/>

```

### Define Looks Carousel at the Homepage

To enable showing Looks Carousel on the home page, you should define the place of the content slot definition in the Homepage template.

You can put the content slot that was imported along with XML import step:

```
<isslot id="homepage-mercaux-looks-slider" description="" context="global" />
```

For example add following code to homepage.isml file.

```
• app_storefront_core/cartridge/templates/default/content/home/homepage.isml
1
<div class="homepage-mercaux-slot">
  <!-- Mercaux Slot START -->
  <isslot id="homepage-mercaux-looks-slider" description="" context="global"
/>
  <!-- Mercaux Slot END -->
</div>
```

If you have already defined the content slot, just ensure that proper configurations of Mercaux Content Slot are in place:

- homepage-looks-slider-category-block - Show slider with Category logic
- homepage-looks-slider-product-ids-block - Show slider with predefined Product IDs logic

## 2. StoreFront Controllers code

### Define Hooks into Controllers of the current base cartridge that site uses to have the logic on PLP page for Looks Gallery

Modifications:

- cartridge/controllers/Product.js method hitTile()

Add the following code before render method call:

```
// Mercaux Controller Logic ---- Start
var HookMgr = require('dw/system/HookMgr');
var isHookExecuted = HookMgr.callHook('mercaux.plp.looks.tile',
'renderProductTile', { params: params, productView: productView });
if (isHookExecuted) return;
// Mercaux Controller Logic ---- End
```

Final code should look like this:

```
function hitTile() {

    // ..... rest code above .....

    productView.product = product.object;

    // Mercaux Controller Logic ---- Start
    var HookMgr = require('dw/system/HookMgr');
    var isHookExecuted = HookMgr.callHook('mercaux.plp.looks.tile',
'renderProductTile', { params: params, productView: productView });
    if (isHookExecuted) return;
    // Mercaux Controller Logic ---- End

    productView.render(product.getTemplate() || 'product/producttile');
```

```

    }
}

```

- cartridge/controllers/Product.js method variation()

Add the following code before render method call:

```

// Mercaux Controller Logic ---- Start
var HookMgr = require('dw/system/HookMgr');
var objArgs = {
    params: params,
    app: app,
    product: product,
    resetAttributes: resetAttributes,
    currentVariationModel: currentVariationModel
}
var isHookExecuted =
HookMgr.callHook('mercaux.modal.variation.filters', 'renderVariationInModal',
objArgs);
    if (isHookExecuted) return;
// Mercaux Controller Logic ---- End

```

Final code should look like this:

```

function variation() {

    // ..... rest code above .....

    if (product.isVisible()) {

        // Mercaux Controller Logic ---- Start
        var HookMgr = require('dw/system/HookMgr');
        var objArgs = {
            params: params,
            app: app,
            product: product,
            resetAttributes: resetAttributes,
            currentVariationModel: currentVariationModel
        }
        var isHookExecuted =
HookMgr.callHook('mercaux.modal.variation.filters', 'renderVariationInModal',
objArgs);
        if (isHookExecuted) return;
        // Mercaux Controller Logic ---- End

        if (params.source.stringValue === 'bonus') {
            const Cart = app.getModel('Cart');
            const bonusDiscountLineItems =
Cart.get().getBonusDiscountLineItems();
            let bonusDiscountLineItem = null;

            // ..... rest code below .....
        }
    }
}

```

- cartridge/controllers/Product.js method getSetItem()

Add the following code before render method call:

```
// Mercaux Controller Logic ---- Start
var HookMgr = require('dw/system/HookMgr');
var objArgs = {
    product: product,
    CurrentVariationModel: currentVariationModel,
    isSet: true,
    params: params,
    app: app
}
var isHookExecuted =
HookMgr.callHook('mercaux.modal.variation.tile.parentModal',
'renderVariationInParentModal', objArgs);
    if (isHookExecuted) return;
    // Mercaux Controller Logic ---- End
```

Final code should look like this:

```
function getSetItem() {

    // ..... rest code above .....

    if (product.isVisible()) {
        // Mercaux Controller Logic ---- Start
        var HookMgr = require('dw/system/HookMgr');
        var objArgs = {
            product: product,
            CurrentVariationModel: currentVariationModel,
            isSet: true,
            params: params,
            app: app
        }
        var isHookExecuted =
HookMgr.callHook('mercaux.modal.variation.tile.parentModal',
'renderVariationInParentModal', objArgs);
        if (isHookExecuted) return;
        // Mercaux Controller Logic ---- End

        app.getView('Product', {
            product: product,
            CurrentVariationModel: currentVariationModel,
            isSet: true
        }).render('product/components/productsetproduct');
    } else {

        // ..... rest code below .....
    }
}
```

## External Interfaces

To import looks into storefront the cartridge sends HTTP requests to Mercaux public API <https://api.mercaux.com/1.0/api/look> endpoint.

See the [documentation](#) for complete reference of Mercaux public API.



## 4. Testing

Please refer to the Test Case document included in the documentation folder.

## 5. Operations, Maintenance

### Data Storage

The cartridge stores the following objects within Commerce Cloud:

- **Looks**  
Looks are being stored as product sets using Product system object type.
- **Analytics Info**  
Analytics is stored in custom object type.  
Default retention time is 2 days.  
Cartridge stores following information for the looks and the products that are part of the looks were shown
  - o From which device (at least mobile vs. desktop)
  - o From what page the look was shown
  - o When it was shown
  - o Session\_id (Mercaux developers must be able to disable this data from all events)
  - o Customer\_id if logged-in (Mercaux developers must be able to disable this data from all events)
  - o Products added to basket

Cartridge doesn't store any data outside commerce cloud.

### Availability

The cartridge relies on access to Mercaux service only during the time `mercauxLooks` job is running. Any issues with Mercaux service availability would only affect the job ability to add new looks to storefront catalogue.

All other functionality of the cartridge should be available. Eg. all the looks imported previously will be displayed as usual.

### Failover/Recovery Process

If the cartridge can't connect to Mercaux server you'll see the `mercauxLooks` job failing with related errors in logs.

Possible reasons could be:

- 1) `Mercaux` API service is not configured properly. Please go to *Administration > Operations > Services* and check that service is configured with proper URL and valid API Key  
See Configuration section of this document for more information.
- 2) Firewall is configured to block requests to Mercaux API. Please contact your system administrator for help
- 3) Mercaux service is down Please reach out to Mercaux contact in your team

## Support

If you have any questions about using this cartridge please contact Mercaux manager supporting your company.

If you're not a Mercaux customer yet please contact us at [mercaux.com](https://mercaux.com)

## 6. User Guide

### Roles, Responsibilities

There are no recurring tasks required by the merchant. Once configurations and job schedules are set up, the functionality runs on demand.

### Business Manager

## Enable the cartridge

By default, the cartridge is disabled. In order to ensure installation has been performed correctly, you need to enable the Cartridge and the different Use Case you want to activate.

### 1. Enable the cartridge globally

In Business Manager, select the site for which you want to enable the cartridge and navigate to Merchant Tools > Site Preference > Custom Preferences.

The screenshot displays the Salesforce Business Manager interface. At the top, there is a navigation bar with the Salesforce logo, a dropdown menu for 'Sandbox - mercaux RefArch', and tabs for 'Merchant Tools', 'Administration', 'Storefront', and 'Toolkit'. Below the navigation bar is a search bar labeled 'Merchant Tools feature lookup...'. The main content area is divided into five columns, each representing a different category of features:

- Content:** Libraries, Library Folders, Content Assets, Import & Export, Page Designer.
- Customers:** Customers, Customer Groups, Snapshots, Batch Processes, Import & Export.
- Custom Objects:** Custom Object Editor, Batch Processes, Import & Export.
- SEO:** URL Rules, URL Redirects, Static Mappings, Dynamic Mappings, Robots, Aliases, Customer CDN Settings, Sitemaps, URL Request Analyzer, Page Meta Tag Rules.
- Products and Catalogs:** Products, Product Sets, Catalogs, Product Options, Variation Attributes, Recommendations, Price Books, Inventory, Catalog Feeds, Batch Processes, Import & Export.
- Ordering:** Orders, Taxation, Payment Processors, Payment Methods, Shipping Methods, Import & Export, Customer Service Center.
- Search:** Search Indexes, Search Index Rebuild Schedule, Search Index Query Testing, Search Dictionaries, Searchable Attributes, Search Driven Redirects, Stop Word Dictionary, Category Name Exclusions, Synonym Dictionary, Hypernym Dictionary, Compound Word Dictionary, Common Phrase Dictionary, Search Suggestions, Stemming Exceptions, Keyword Groups, Sorting Rules, Storefront Sorting Options, Search Preferences, Import & Export.
- Online Marketing:** Campaigns, A/B Tests, Promotions, Content Slots, Coupons, Source Code Groups, Active Data, Stores, Gift Certificates, Import & Export.
- Analytics:** Reports and Dashboards (New!), Conversion Reports, Purchase Reports, Catalog Reports, Search and Navigation Reports, Customer Reports, Traffic Reports, A/B Testing Reports, Technical Reports, Legacy Reports.
- Site Preferences:** Locking, Baskets, A/B Tests, Locales, Currencies, Source Codes, Gift Certificates, Search Preferences, Sequence Numbers, Order, Coupons, Promotions, Deprecated Storefront Toolkit, Storefront URLs, Custom Preferences, Pinterest Commerce, Privacy, Customer Service Center Preferences, Apple Pay.

On the right side of the interface, there is a partial view of a sidebar with the text 'y!' and a link 'to your homepage.'

## Select Mercaux Cartridge Settings

Search by IDs...

ID	Name	Description
<a href="#">Storefront Configs</a>	Storefront Configurations	
<a href="#">Mercaux Cartridge Settings</a>	Mercaux Cartridge Settings	

## Change the value of Enable Cartridge Globally to Yes and Save your modifications

Search by IDs...

Name	Value	Default Value	
Default Look Gallery page Category ID (mercaux_CategoryID) (String) Default category ID of Looks Gallery PLP	<input type="text"/>	Looks	<a href="#">Edit Across Sites</a>
Number of Products in Slider Slot Category (mercaux_NumberRandomProducts) (Integer)	<input type="text"/>	6	<a href="#">Edit Across Sites</a>
Enable Cartridge Globally (mercaux_GlobalEnableStatus)	<input type="text" value="Yes"/>	No	<a href="#">Edit Across Sites</a>
Number of Products in the one search result in slots (mercaux_NumberSearchResultsInS...) (Integer)	<input type="text"/>	64	<a href="#">Edit Across Sites</a>

Now the Cartridge is enabled we can go through basic test cases to ensure everything that has been installed works.

## 2. Enable Look gallery

You can choose to enable or disable Look Gallery from Business Manager. In order to change your preference, navigate to Merchant Tools > Product and Catalogs > Catalogs

The screenshot displays the Demandware Merchant Tools interface. The browser address bar shows the URL: `mercaux-tech-prtnr-na02-dw.demandware.net/on/demandware.store/Sites-Site/default/ViewApplication-D...`. The top navigation bar includes the Salesforce logo, a 'Sandbox - mercaux RefArch' dropdown, and tabs for 'Merchant Tools', 'Administration', 'Storefront', and 'Toolkit'. The user profile 'Florent Perrillon' is visible in the top right.

The main content area features a search bar labeled 'Merchant Tools feature lookup...' and a grid of five categories:

- Content**
  - Libraries
  - Library Folders
  - Content Assets
  - Import & Export
  - Page Designer
- Products and Catalogs**
  - Products
  - Product Sets
  - Catalogs
  - Product Options
  - Variation Attributes
  - Recommendations
  - Price Books
  - Inventory
  - Catalog Feeds
  - Batch Processes
  - Import & Export
- Ordering**
  - Orders
  - Taxation
  - Payment Processors
  - Payment Methods
  - Shipping Methods
  - Import & Export
  - Customer Service Center
- Search**
  - Search Indexes
  - Search Index Rebuild Schedule
  - Search Index Query Testing
  - Search Dictionaries
  - Searchable Attributes
  - Search Driven Redirects
  - Stop Word Dictionary
  - Category Name Exclusions
  - Synonym Dictionary
  - Hypernym Dictionary
  - Compound Word Dictionary
  - Common Phrase Dictionary
  - Search Suggestions
  - Stemming Exceptions
  - Keyword Groups
  - Sorting Rules
  - Storefront Sorting Options
  - Search Preferences
  - Import & Export
- Online Marketing**
  - Campaigns
  - A/B Tests
  - Promotions
  - Content Slots
  - Coupons
  - Source Code Groups
  - Active Data
  - Stores
  - Gift Certificates
  - Import & Export
- Analytics**
  - Reports and Dashboards (New!)
  - Conversion Reports
  - Purchase Reports
  - Catalog Reports
  - Search and Navigation Reports
  - Customer Reports
  - Traffic Reports
  - A/B Testing Reports
  - Technical Reports
  - Legacy Reports
- Site Preferences**
  - Locking
  - Baskets
  - A/B Tests
  - Locales
  - Currencies
  - Source Codes
  - Gift Certificates
  - Search Preferences
  - Sequence Numbers
  - Order
  - Coupons
  - Promotions
  - Deprecated Storefront Toolkit
  - Storefront URLs
  - Custom Preferences
  - Pinterest Commerce
  - Privacy
  - Customer Service Center Preferences
  - Apple Pay
- SEO**
  - URL Rules
  - URL Redirects
  - Static Mappings
  - Dynamic Mappings
  - Robots
  - Aliases
  - Customer CDN Settings
  - Sitemaps
  - URL Request Analyzer
  - Page Meta Tag Rules

Select the catalog for the site you are considering

salesforce

Sandbox - mercaux  
RefArch

Merchant Tools

Administration

Storefront

Toolkit

5

1

(Florent Perrillon)

Merchant Tools > Products and Catalogs > Catalogs

Catalogs

Category Search

## Catalogs

The list below contains all catalogs defined for your organization along with some statistical information about the catalog content. Please note that this information isn't updated in real time.

Select All	ID	Site Assignments	Categories	Products Owned	Products Assigned	Recommendations	Status	
<input type="checkbox"/>	<a href="#">apparel-m-catalog</a>		28	4,498	4,491	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">electronics-m-catalog</a>		15	159	159	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">mercaux-catalog-m-en</a>		1	0	0	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">mercaux-m-catalog</a>		1	9,685	0	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">mercaux-sfra-catalog</a>	RefArch	113	0	9,158	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">mercaux-sg-catalog</a>	SiteGenesis	113	0	9,158	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">storefront-catalog-en</a>		2	0	0	0	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">storefront-catalog-m-en</a>		67	0	4,651	1,865	Online	<a href="#">Edit</a>
<input type="checkbox"/>	<a href="#">storefront-catalog-m-non-en</a>	SiteGenesisGlobal RefArchGlobal	42	0	4,486	1,866	Online	<a href="#">Edit</a>

Refresh

NewDelete

You should have a Look related category to select

salesforce

Sandbox - mercaux  
RefArch

Merchant Tools

Administration

Storefront

Toolkit

5

1

(Florent Perrillon)

Merchant Tools > Products and Catalogs > Catalogs > mercaux-sfra-catalog

## Categories

mercaux-sfra-catalog

Edit

These are the subcategories for the current category.

Select All	ID	Name	Description	Status	View
<input type="checkbox"/>	<a href="#">Looks</a>	<a href="#">Looks</a>			<a href="#">Edit</a> <a href="#">View</a>
<input type="checkbox"/>	<a href="#">mercaux-accessories</a>	<a href="#">Accessories</a>			<a href="#">Edit</a> <a href="#">View</a>
<input type="checkbox"/>	<a href="#">mercaux-clothing</a>	<a href="#">Clothing</a>			<a href="#">Edit</a> <a href="#">View</a>
<input type="checkbox"/>	<a href="#">mercaux-footwear</a>	<a href="#">Footwear</a>			<a href="#">Edit</a> <a href="#">View</a>

Edit AllEdit Selected

SortUnsortNewCopyDelete

Showing 1 - 4 of 4 items

In the Look category block, select **Edit**

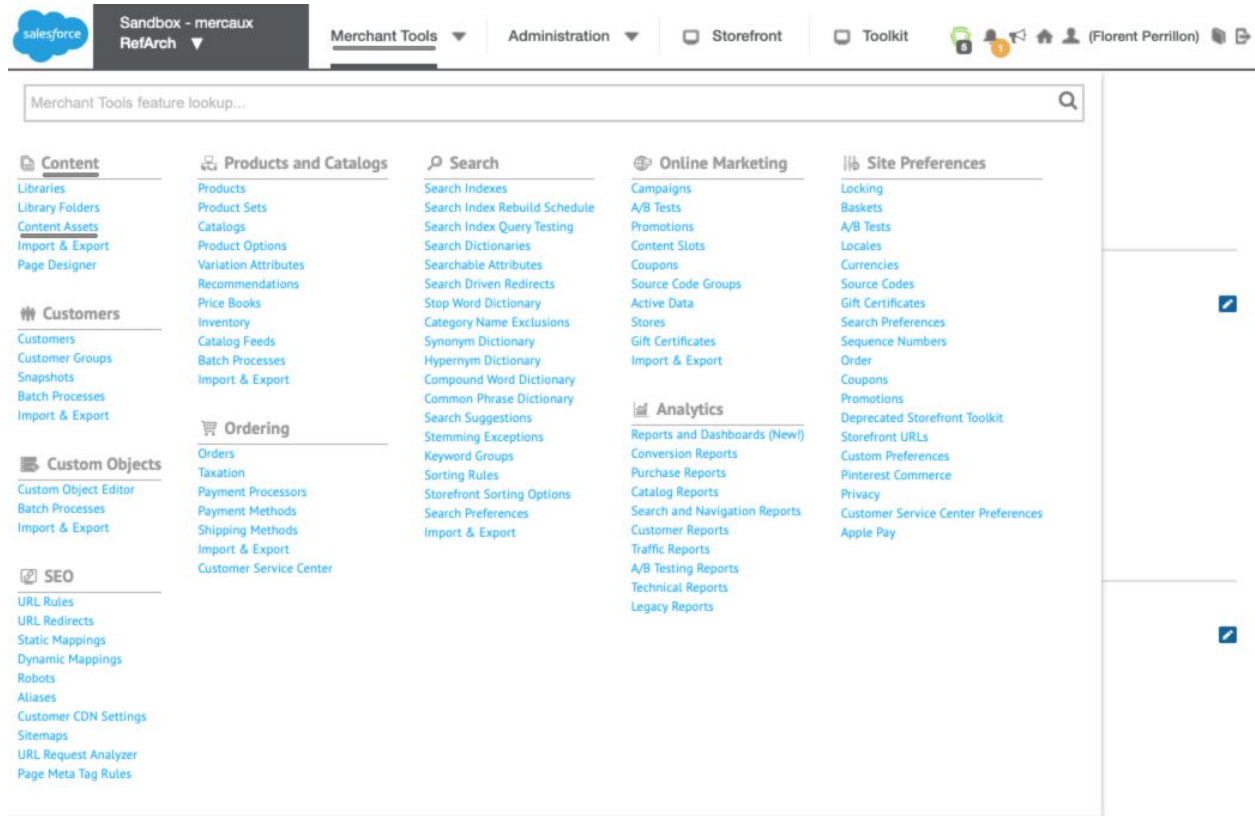
The screenshot shows the Salesforce Merchant Tools interface. The top navigation bar includes the Salesforce logo, a dropdown menu for 'Sandbox - mercaux RefArch', and tabs for 'Merchant Tools', 'Administration', 'Storefront', and 'Toolkit'. The user is logged in as 'Florent Perrillon'. The breadcrumb trail is 'Merchant Tools > Products and Catalogs > Catalogs > mercaux-sfra-catalog > Looks'. The main heading is 'Categories'. Below it, there is a 'Looks' block with an 'Edit' button.

Finally, check or uncheck the **Online** tick-box and **Apply** your modifications

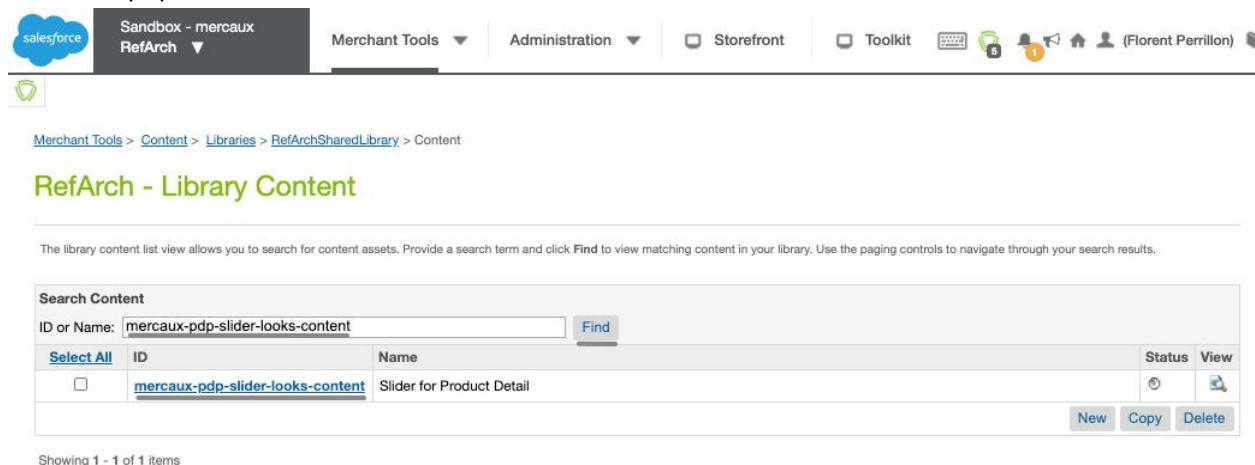
The screenshot shows the 'Looks' configuration page in the Salesforce Merchant Tools interface. The top navigation bar is the same as the previous screenshot. The breadcrumb trail is 'Merchant Tools > Products and Catalogs > Catalogs > mercaux-sfra-catalog > Looks'. The 'General' tab is selected. The main heading is 'Looks'. Below it, there is a form with the following fields: 'Select Language: Default', 'Category ID: Looks', 'Online: [checked]', 'Online From: MM/dd/yyyy h:mm a', 'Online To: MM/dd/yyyy h:mm a', 'Name: Looks', 'Description: [text area]', 'Parent Category ID: root', and 'URL: http://{HOST}/looks/?lang=default'. At the bottom right, there are buttons for 'Apply', 'Reset', 'Copy', and 'Delete'.

#### 4. Enable the cartridge globally

You can choose to enable or disable Look carousel in product pages from Business Manager. In order to change your preference, from Business Manager, navigate to Merchant Tools > Content > Content Assets



In the opened page, search for "mercaux-pdp-slider-looks-content" and click on the found "mercaux-pdp-slider-looks-content" element.





In the content page, enable edits by clicking on **Lock** button.

Merchant Tools > Content > Content > mercaux-pdp-slider-looks-content

General Folders Page Meta Tag Rules

## Slider for Product Detail

**⚠ You haven't locked this content for editing. Click [Lock](#) if you need to edit the content.**

Click **Lock** at the top of the page to edit this content asset.

On this page you can edit the general attributes of the content asset. You may select another language to enter values for this language. Fields with a red asterisk (\*) are mandatory. Click **Apply** to save changes. Click **Reset** to revert your changes.

Select Language: **Default** [Edit Site-Specific](#)

**Standard**

ID: mercaux-pdp-slider-looks-content

Name: Slider for Product Detail

Description:

Online: **Default** **No** [All Site Values](#)

Searchable: **Default** **No** [All Site Values](#)

Near **Online** field, into **Standard** block, select **Yes** if you want to enable the carousel in product pages or **No** if you want to disable it. Don't forget to **Apply** your modifications and **Unlock** the content to block the item from editing.

Online: **Default** **Yes** [All Site Values](#)

Searchable: **Default** **No** [All Site Values](#)

**Search Engine Optimization Support**

Page Title:

Page Description:

Page Keywords:

Page URL:

**Sitemap Attributes**

Included: **Default** **--None--** [All Site Values](#)

Change Frequency: **Default** **--None--** [All Site Values](#)

Priority: **Default** [All Site Values](#) (Number) [0.00 - 1.00]

**Presentation**

Rendering Template: slider/sliderCarousel.isml

Custom CSS File: [Select](#)

**Content**

Body:

[HTML Editor](#)

Year:

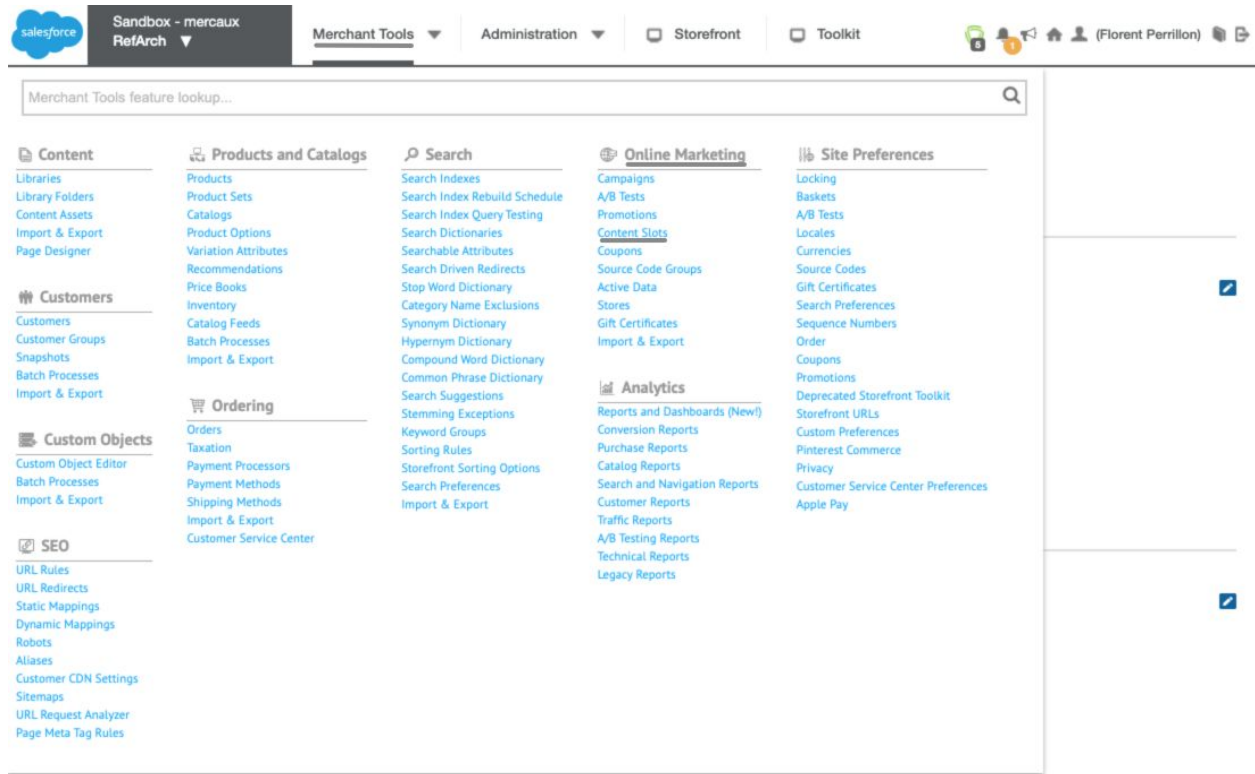
[Download](#) [Apply](#) [Reset](#)




## 5. Enable Look carousel in Homepage

You can choose to enable or disable Look carousel in Homepage from Business Manager.

In order to change your preference, from Business Manager, navigate to Merchant Tools > Online Marketing > Content Slots









In the opened page, search for "homepage-mercaux-looks-slider" and click on the found "homepage-mercaux-looks-slider" element.

 **Sandbox - mercaux**  
RefArch ▾

Merchant Tools ▾ Administration ▾

Storefront Toolkit

 (Florent Perrillon) 






Merchant Tools > Online Marketing > Content Slots




## Content Slots

The list of slots for global, category, and folder content is generated from 'isslot' tags added to Storefront templates. For example: <isslot id="global-slot-id" description="Description Here" context="global" />. For global slots, the system checks all templates. For category slots and folder slots, the system checks the templates specified in the category or folder configurations. To search for a specific slot, enter a search term below. You can optionally add a wildcard "\*" before or after your search term (e.g., 'keyword'). Click **Search** to configure searchable attributes. Search is not case-sensitive. Use the links below to display or delete unreferenced content slots or slot configurations.

[Unreferenced Content Slots](#)  
[Unreferenced Slot Configurations](#)

Search ▾ homepage-mercaux-looks-slider   Advanced

Slot ID/Description ▴	Type	Category/Folder ID	Category/Folder Name	Slot Configurations	Preview
<a href="#">homepage-mercaux-looks-slider -</a>	Global			2	

 Page **1** of 1 

Displaying items 1 - 1 of 1

In the Slot configurations page, you will find two different slots:

- `homepage-looks-slider-category-block` which will display random Looks from a selected Category
- `homepage-looks-slider-product-ids-block` which will display selected Product IDs

In both cases, you can activate one of them by selecting the slot you want to enable, list the Products or Category you want to take into account and Apply your modification

Copy button

ID	Description	Default	Status	Type	Preview
homepage-looks-slider-category-block	Show Looks Slider with populated Random Amount from selected Category. P.s Amount of ...	False	Inactive	Category	
homepage-looks-slider-product-ids-block	Show Looks slider with selected Product IDs at the Homepage	False	Active	Product	

[New](#) [Copy](#)

### Slot Configuration - homepage-looks-slider-product-ids-block

The **Description** field is for an internal description, and the **Callout** field is for a Storefront message. If **Default** is checked, the slot configuration is displayed when nothing else is scheduled. The **Schedule** defines when the slot configuration is displayed; the **Rank** determines which slot configuration displays if multiple slot configurations are running on the same schedule. If multiple slot configurations are scheduled and have the same **Rank**, the last edited slot configuration is displayed. The **Content Type** field enables you to define the type of content shown in the slot. The **Product** type is for specific products; **Category** is for all category products; **Content Asset** is for a specific content asset; and **HTML** is for plain text or HTML code.

Fields with a red asterisk (\*) are mandatory.

Select Language: Default

**ID:**

**Enabled:** Yes

**Default:** ☐

**Description:**

**Slot Content**

**Content Type:** Product

**Product:**   
 mercaux-220834  
 mercaux-220835  
 mercaux-220836  
 mercaux-220837  
[Add](#)

**Template:**

**Callout:**

[HTML Editor](#)

### Schedule/Qualifiers/Compatibility

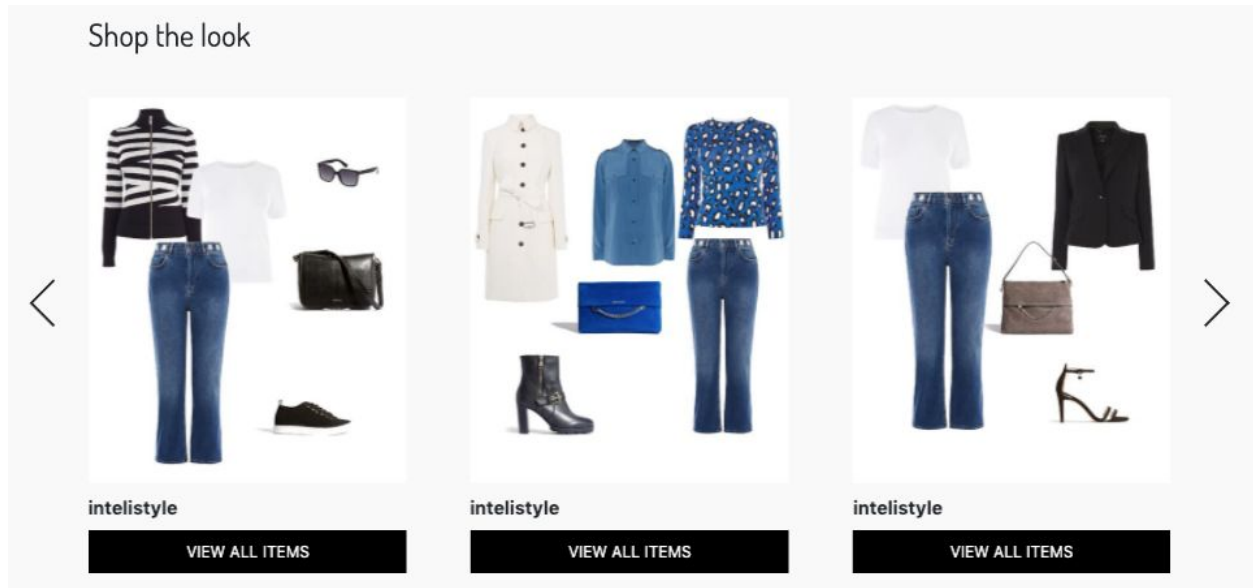
[Add Schedule\\*](#)

ID	Description	Type	Schedule	Customer Groups	Rank
Slot Default Schedule	Default	Site	Continuously		

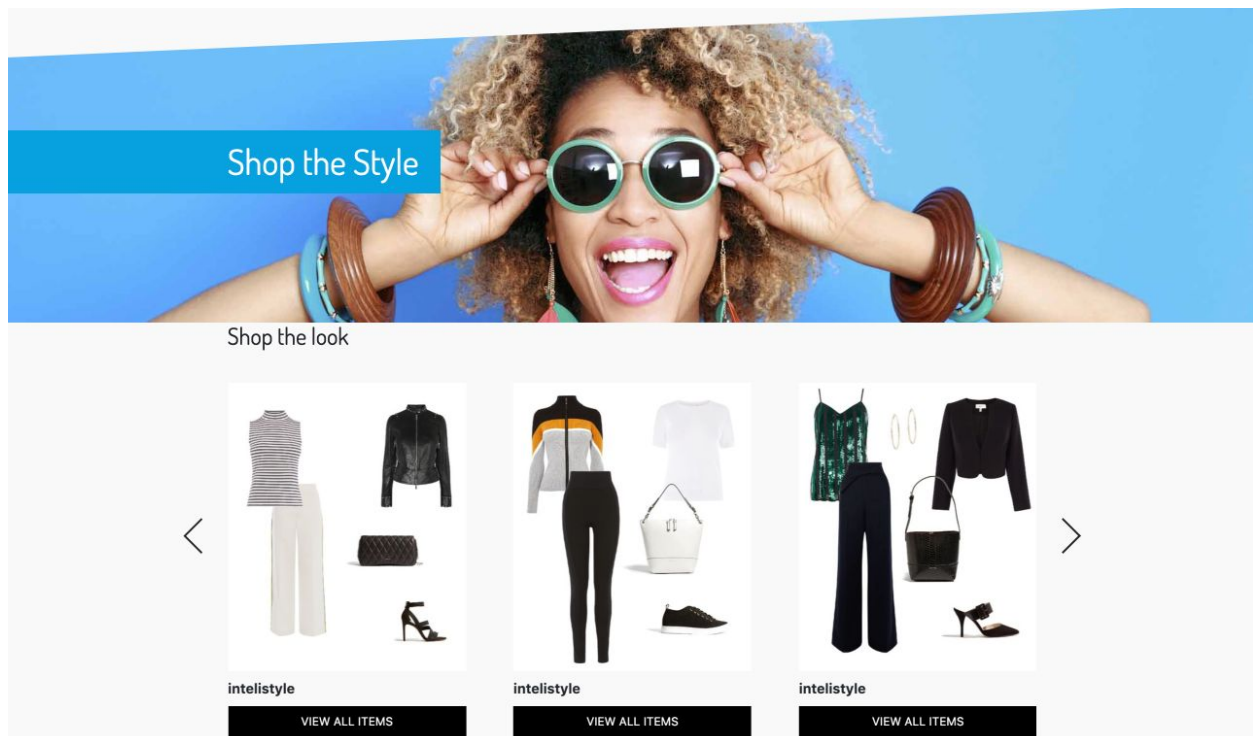
[Apply](#)

## Looks in carousels

### 1. Product page





### 2. Homepage carousel




## Look Gallery




[Login](#)


 commerce cloud


Search (keywords,etc) 

 0

LooksAccessoriesClothingFootwear


Refine byLook Type Badge Sort By View

12 




Look\_leo dress  
5 items

VIEW ALL ITEMS




Look  
4 items

VIEW ALL ITEMS




Look  
4 items

VIEW ALL ITEMS




Look  
3 items

VIEW ALL ITEMS




New look  
6 items

VIEW ALL ITEMS




Look  
4 items

VIEW ALL ITEMS



Look  
3 items

VIEW ALL ITEMS



Summer party  
5 items


VIEW ALL ITEMS


## Look details

### 1. Look pop-up

FREE 2-Day SHIPPING FOR ORDERS OVER \$300


Look






Abstract Pleated Midi Skirt  
\$187.00

ADD TO CART




Wrap Front Chunky Jumper  
\$187.00

ADD TO CART




Knitted Trainers  
\$88.00

ADD TO CART




New look  
6 items

VIEW ALL ITEMS




Look  
4 items

VIEW ALL ITEMS



Look  
3 items

VIEW ALL ITEMS

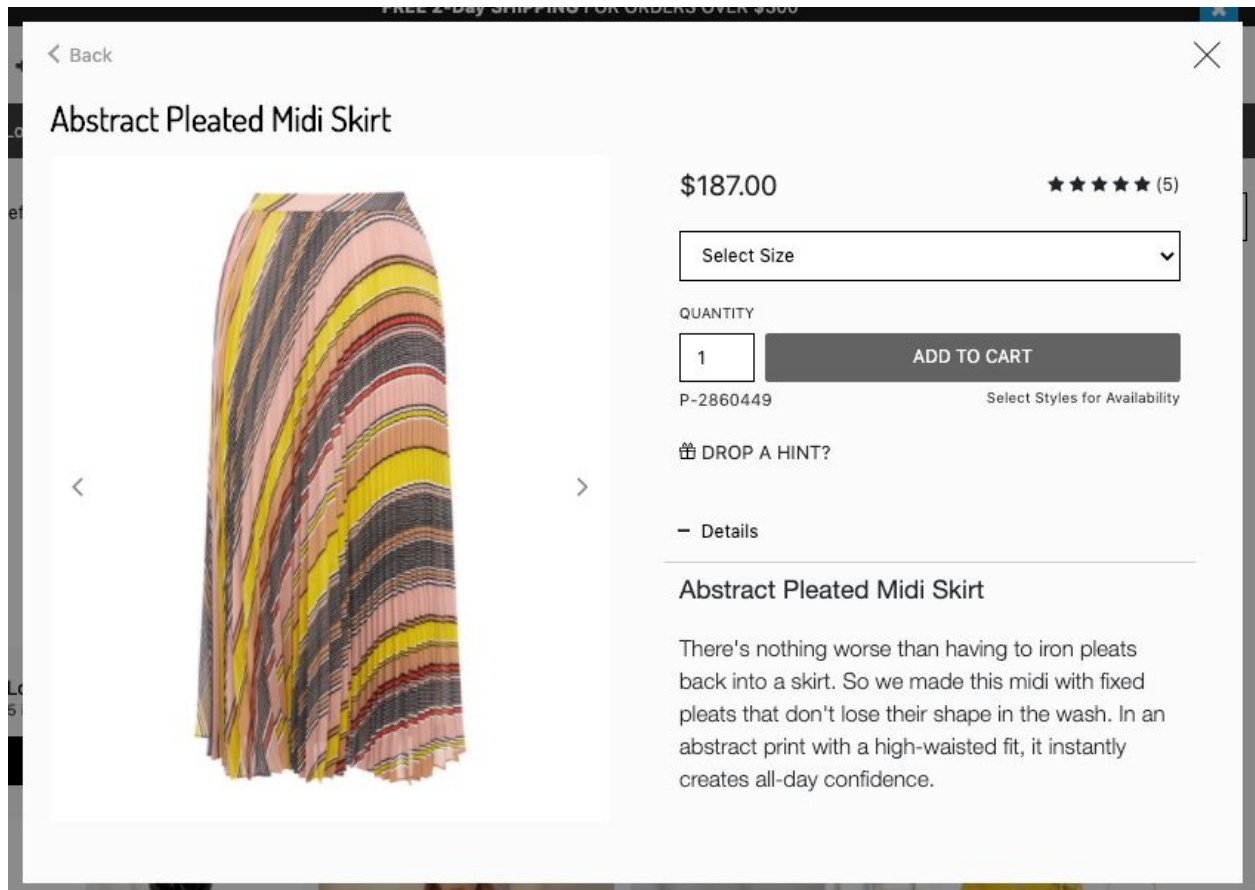


Summer party  
5 items

VIEW ALL ITEMS



## 2. Look Product detail pop-up



## 7. Known Issues

None known.

## 8. Release History

Version	Date	Changes
20.1.0	12 June 2020	Initial release