**Akeneo**



# **Multiple Storefront Management**

**Example data architecture**

General use case to clarify requirement. This is perfectly an example to illustrate the data structure in PIM and SFCC as per the requirement of this feature.

* Merchant has 5 sites based on 2 Business Units
* 2 Business Units are Electronics and Apparels
* 2 Sites are there under Electronics Business Unit: 1. Instruments, 2. Software
* 3 Sites are there under Apparels Business Unit: 1. Gents, 2. Women, 3. Kids

SFCC

* 5 sites - Instruments, Software, Gents, Women, Kids
* 2 Master Catalogs - electronics, apparels (corresponding to each Business Units)
* 5 storefront catalogs - corresponding to each site

PIM

In General, PIM does not have Master and storefront catalog concept as in SFCC

* 2 main catalogs (Category Trees) - electronics, apparels (corresponding to each Business Unit)
* electronics catalog will have 2 top level categories - instruments, software
* apparels catalog will have 3 top level categories - gents, women, kids
* All storefront navigation categories (which should appear on storefront menu) will be arranged under these top level categories

As per the above example, merchant has to run the jobs initially in the following order

* 1-Akeneo-Import-Attributes for instruments Site (Run for any single site)
* 2-Akeneo-Import-Media-Assets-Pricebook for instruments and gents Sites (One site from each Business Unit)
* 3-2-1-Akeneo-Full-Import-Master for instruments Site (this will import master catalog of electronics Business Unit)
* 3-2-2-Akeneo-Full-Import-Master-Variation for instruments Site (this will import master catalog of electronics Business Unit)
* 3-2-3-Akeneo-Full-Import-Master-Images for instruments Site (this will import master catalog of electronics Business Unit)
* 3-2-4-Akeneo-Full-Import-Storefront for instruments site
* 3-2-4-Akeneo-Full-Import-Storefront for software site
* 3-2-1-Akeneo-Full-Import-Master for gents Site (this will import master catalog of apparels)
* 3-2-2-Akeneo-Full-Import-Master-Variation for gents Site (this will import master catalog of apparels)
* 3-2-3-Akeneo-Full-Import-Master-Images for gents Site (this will import master catalog of apparels)
* 3-2-4-Akeneo-Full-Import-Storefront for gents site
* 3-2-4-Akeneo-Full-Import-Storefront for women site
* 3-2-4-Akeneo-Full-Import-Storefront for kids site

Whenever merchant changes on any products, he has to import into master catalog as well as corresponding storefront too. So he will run

* 3-1-1-Akeneo-Differential-Import-Master for any of the site which uses those updated products
* 3-1-2-Akeneo-Differential-Import-Storefront for all the sites of that Business Unit.

**Site preferences**

Following 3 site preference are the configurations related to this feature.

1. Akeneo Main Catalogs: Keep the Main Category Tree ID of the Business Unit as in PIM
2. SFCC Master Catalog ID: Keep the master catalog ID as in SFCC for the Business Unit
3. Top Level Category for Storefront Catalog: Keep the top level category id as in PIM under the Main Category Tree to represent storefront catalog

**Job steps and site assignments**:

Go to Administration -> Operations -> Jobs.

**Steps to assign sites in Jobs**:

1. Go to any of the job for Example: **1-Akeneo-Import-Attributes** -> Job Steps -> Scope:
2. Click on button beside “**Scope**” and select the sites accordingly and click on “**Assign**”.
3. Run the Job by clicking on “**Run**” button.
4. Repeat the same for all the jobs.

Below are the details of jobs and respective sites that can be assigned to the jobs.

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| **Job ID** | **Site Assignment** |
| 1-Akeneo-Import-Attributes | **Single site**: Any one site of any of Business Units. This is because attribute import is on organization level, not on any specific business units or any specific storefront.  Eg: Instruments of electronis-master OR Women of apparel-master |
| 2-Akeneo-Import-Media-Assets-Pricebook | **Multiple Sites**: One site from each Business Unit. This is because the job is on Business Unit level.  Eg: Instruments of electronis-master AND Women of apparel-master |
| 3-1-1-Akeneo-Differential-Import-Master | **Multiple Sites**: One site from each Business Unit. This is because master import is on Business Unit level.  Eg: Instruments of electronis-master AND Women of apparel-master |
| 3-1-2-Akeneo-Differential-Import-Storefront | **Multiple Sites**: All the sites from all Business Units. This is because storefront import is site specific.  Eg: Instruments of electronis-master, Software of electronis-master, Women of apparel-master, Gents of apparel-master etc., |
| 3-2-1-Akeneo-Full-Import-Master | **Multiple Sites**: One site from each Business Unit.  Eg: Instruments of electronis-master AND Women of apparel-master |
| 3-2-2-Akeneo-Full-Import-Master-Variation | **Multiple Sites**: One site from each Business Unit.  Eg: Instruments of electronis-master AND Women of apparel-master |
| 3-2-3-Akeneo-Full-Import-Master-Images | **Multiple Sites**: One site from each Business Unit.  Eg: Instruments of electronis-master AND Women of apparel-master |
| 3-2-4-Akeneo-Full-Import-Storefront | **Multiple Sites**: All the sites from all Business Units.  Eg: Instruments of electronis-master, Software of electronis-master, Women of apparel-master, Gents of apparel-master etc., |