SHOPIFY TO AKENEO CATALOG MIGRATION TOOL

PRODUCT OVERVIEW GUIDE

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TOOL OVERVIEW

Shopify to Akeneo Catalog Migration Tool transfers all the product catalogs from your Shopify store to Akeneo PIM automatically, so that your product catalog can be managed with ease. The tool is deployed on the PIM side (can also be deployed on the middleware server) and communicates with Akeneo PIM & Shopify via API.

The Akeneo Catalog Migration Tool is a unidirectional system, migrating data from Shopify to Akeneo PIM. No PIM data is sent back to Shopify. Refer to our Akeneo PIM Connector for Shopify to transfer product catalogs from Akeneo PIM to Shopify.

Compatibility:

- This tool works with Akeneo PIM 3.2.x, 4.0.x, 5.0.x and 6.0.x.
- This module is compatible with the Akeneo PIM Community, Growth, and Enterprise (Flexibility & Serenity) editions.

Here is how the tool "fits" into our Shopify PIM Solution:
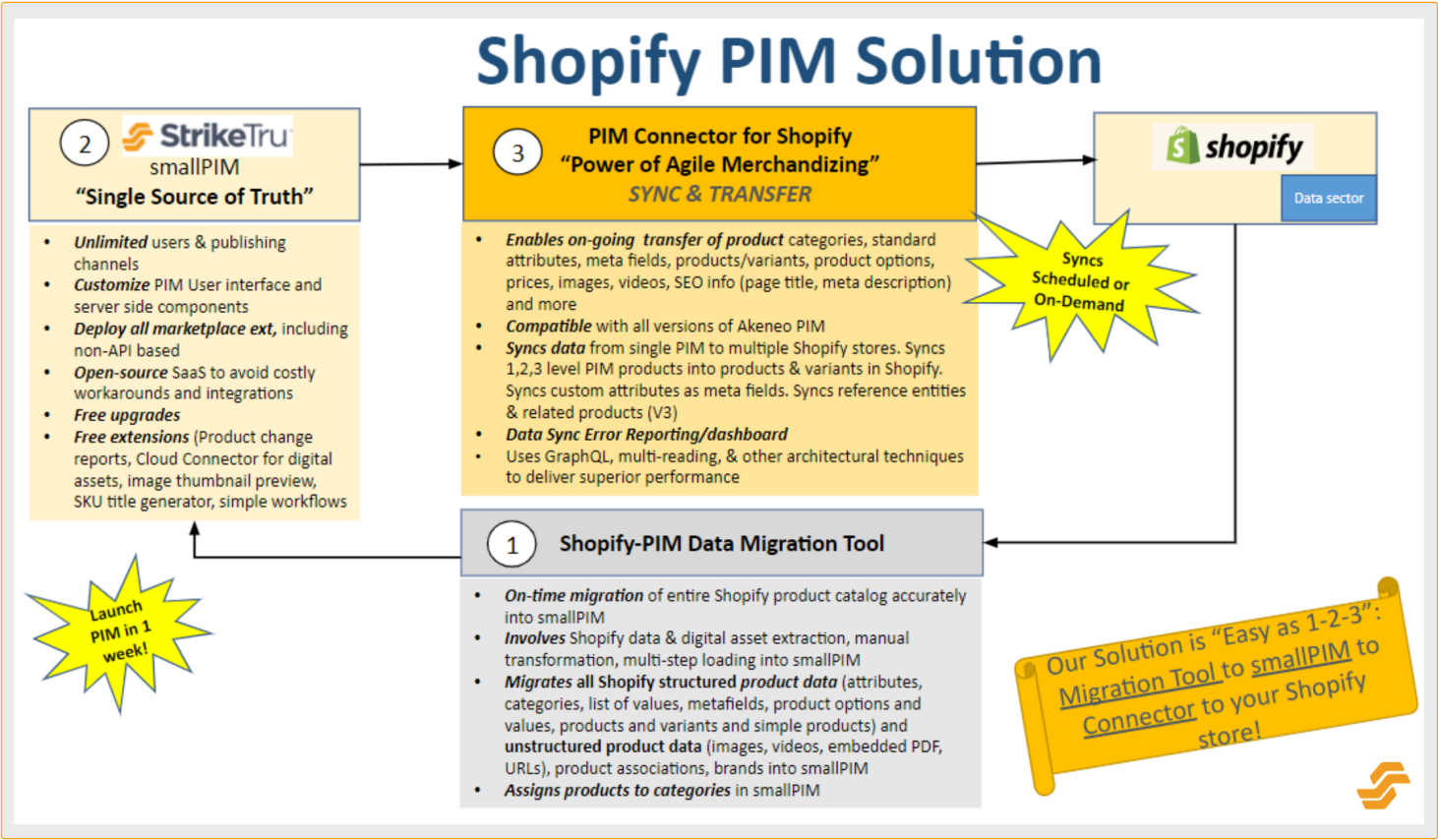
TARGET AUDIENCE

- Shopify store owners who would like to migrate their product catalog to Akeneo PIM automatically with minimal manual intervention.
- Shopify store owners who are managing their product catalogs in Shopify and would like to transform their eCommerce by utilizing Akeneo PIM as a centralized system and would migrate their product catalog to Akeneo PIM automatically.

TOOL BENEFITS

- Reduce cost and complexity involved in a manual migration process.
- Automate Akeneo PIM set-up by migrating Shopify product data into Akeneo PIM.
- Migrate your data from Shopify to Akeneo PIM faster.
- Automatically transform your Shopify data and make it "Akeneo ready".
- Seamless and reliable migration process that leverages Shopify API.

MANUAL MIGRATION CHALLENGES

- Replicating all of your Shopify product catalog in Akeneo PIM manually is complex and error-prone.
- Manual data migration can sometimes lead to data loss and data inconsistencies.
- Exporting Shopify data and transforming it to Akeneo format involves multiple manual steps which can be time-consuming, mundane, and unreliable.

HOW IT WORKS

Shopify to Akeneo Data Migration tool transfers all your product catalogs from Shopify to Akeneo PIM. Here is what is involved:

1. Get Started. Contact sales@striketru.com to receive the latest version of an executable JAR file and migration tool configuration files for a quick one-time set-up. StrikeTru will deploy, configure, and support Shopify to Akeneo Catalog Migration Tool and help automate your product catalog migration from Shopify to Akeneo PIM.

2. Connect Shopify and Akeneo. While deploying the tool, the API credentials of your Shopify store and Akeneo PIM are configured in a credentials.yml file which enables the tool to communicate with both platforms.
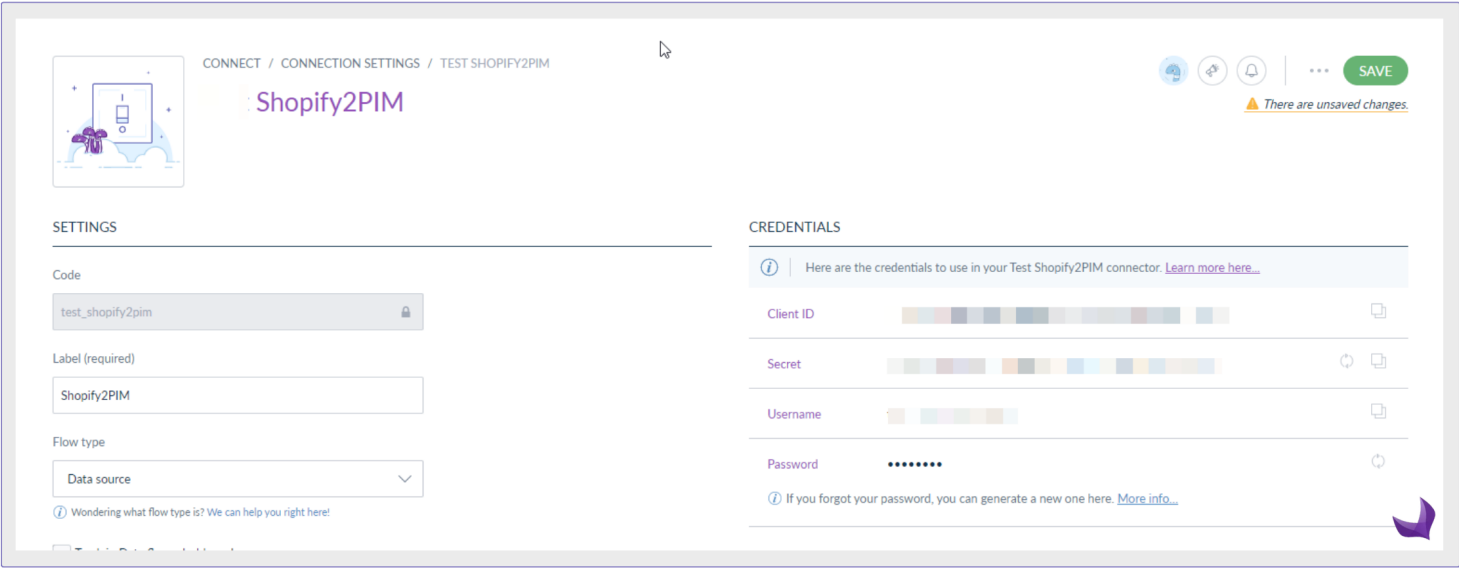

3. Migrate Shopify Catalog Data into Akeneo PIM. Once the connections are set-up, all the data from Shopify is read using API calls and transformed to Akeneo supported format and written to Akeneo PIM.

The data flow is as follows:

i.Create Product Data Structures in PIM. Before we transfer product data, the structures such as *Categories, Attributes, Attribute Options, Family,* and *Family Variants* need to be first step-up. Then, this data is transferred to channels and locales. Channels are destinations where product data is sent. By default, the migration tool creates an "Ecommerce" channel in Akeneo PIM. The product catalog from Shopify is migrated to this default channel and can be customized once the data is in Akeneo PIM. Locales are your languages. By default, the migration tool enables your local language (i.e. "en-US") in Akeneo PIM. Other default languages are available and can be requested to be changed by contacting support@striketru.com.

- **Category:** Tool creates a default parent category with the name specified in configurations. All the collections from Shopify are migrated as sub-categories in Akeneo PIM under the default parent category.
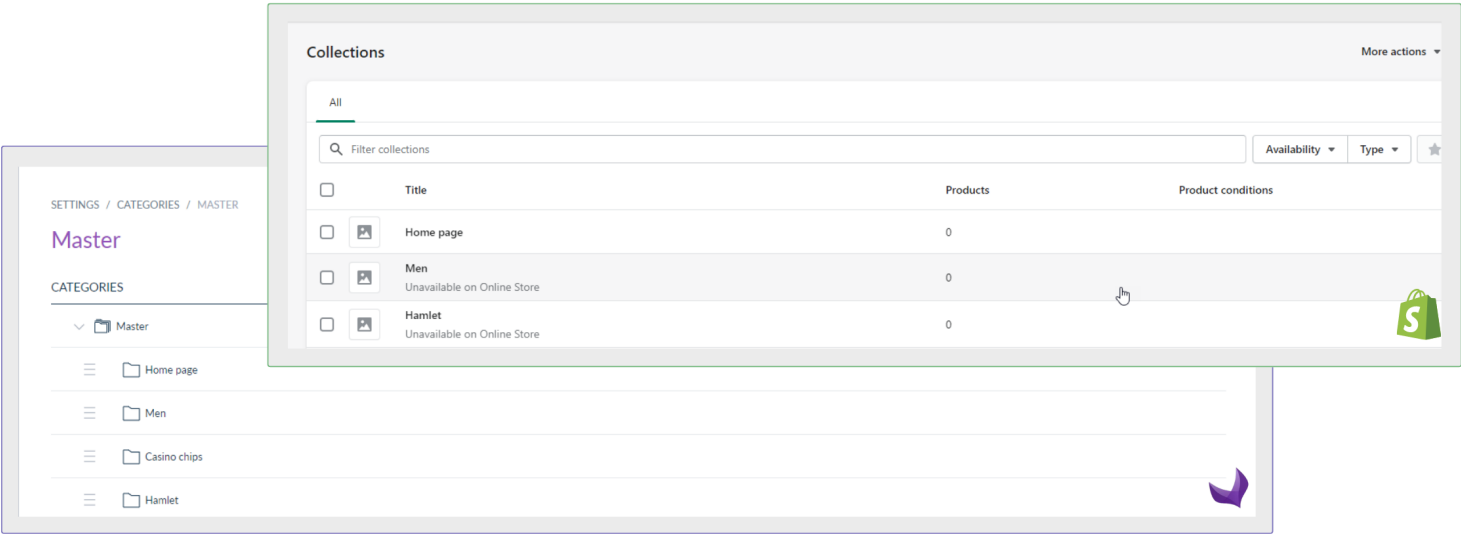

- **Attribute:** A default attribute group with the Name mentioned in configurations and a generated Akeneo code. Once the attribute group is created, all the standard attributes added through fixtures during set-up are added to this group.

**NOTE:** Shopify attributes are added through fixtures with Akeneo compatible data types into Akeneo PIM.
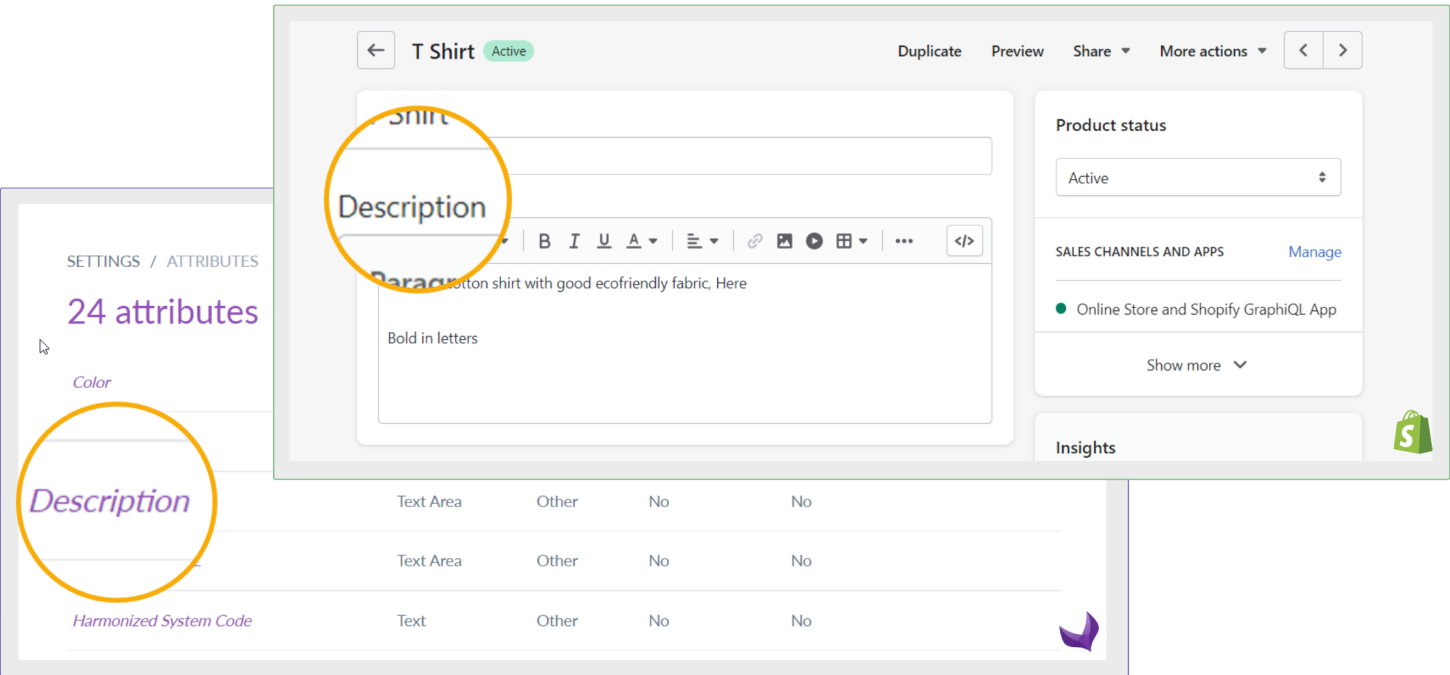
- **Attribute Options:** Fields such as *color, size,* etc. are created as simple select attributes and all their available option values are also transferred to Akeneo as the simple select attribute's options.

> **Ex:** If a Shopify product has options like *color* having multiple variations with black, white, blue then the color is created as a simple select type option attribute which has dropdown options created like *black, white, and blue* under it.
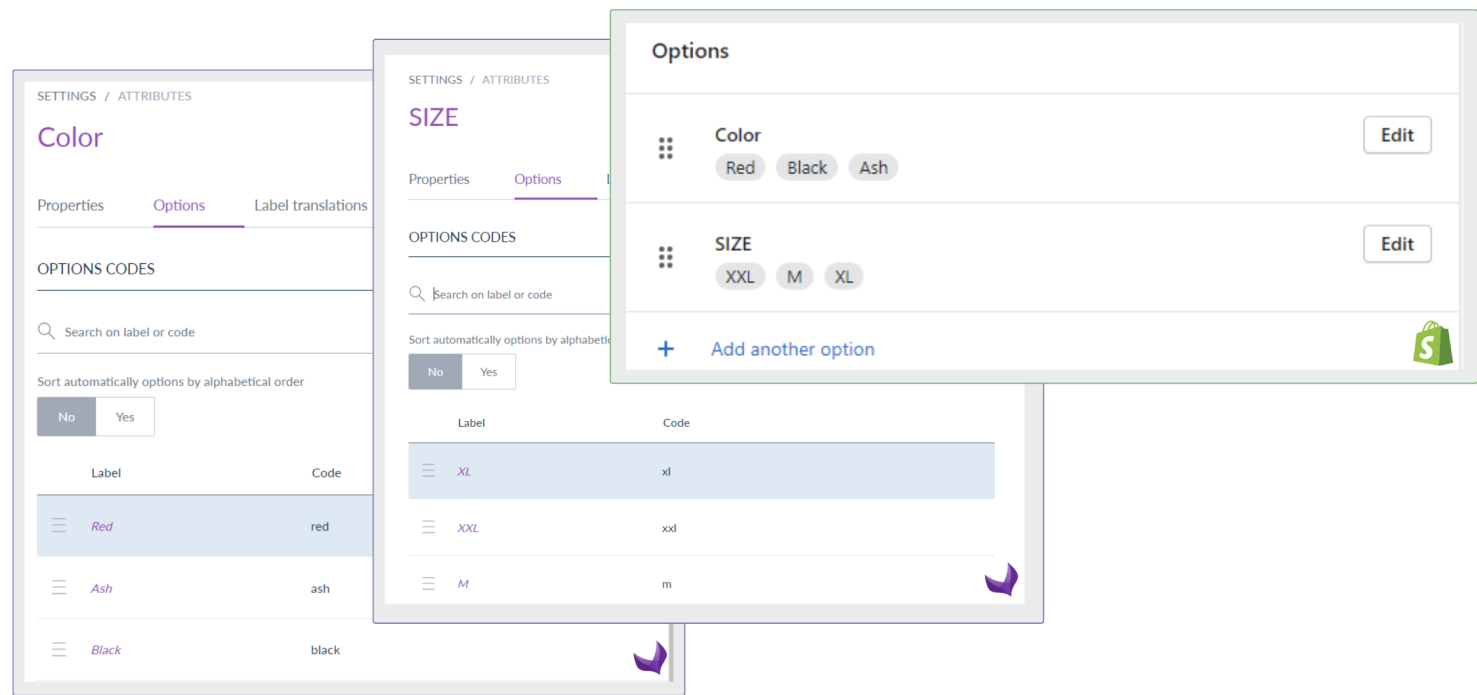

- **Family:** Once all the fields from Shopify are set up as attributes in Akeneo, a default *Family* is created using the name provided in configurations. All the attributes created are added to this default family.

- **Family Variants:** *Family Variants* are created based on the Variant Options as explained below with all the variant level attributes at the variant level.

  - If the product has one option attribute like *color*, the family variant is created with the default family by *color*.
  - If the product has two options attributes like *color* and *size*, the family variant is created with default family by *color/size*.
  - If the product has option attributes like *material, shape*, and *supplier*, the family variant is create with default family by *material/shape/supplier*.
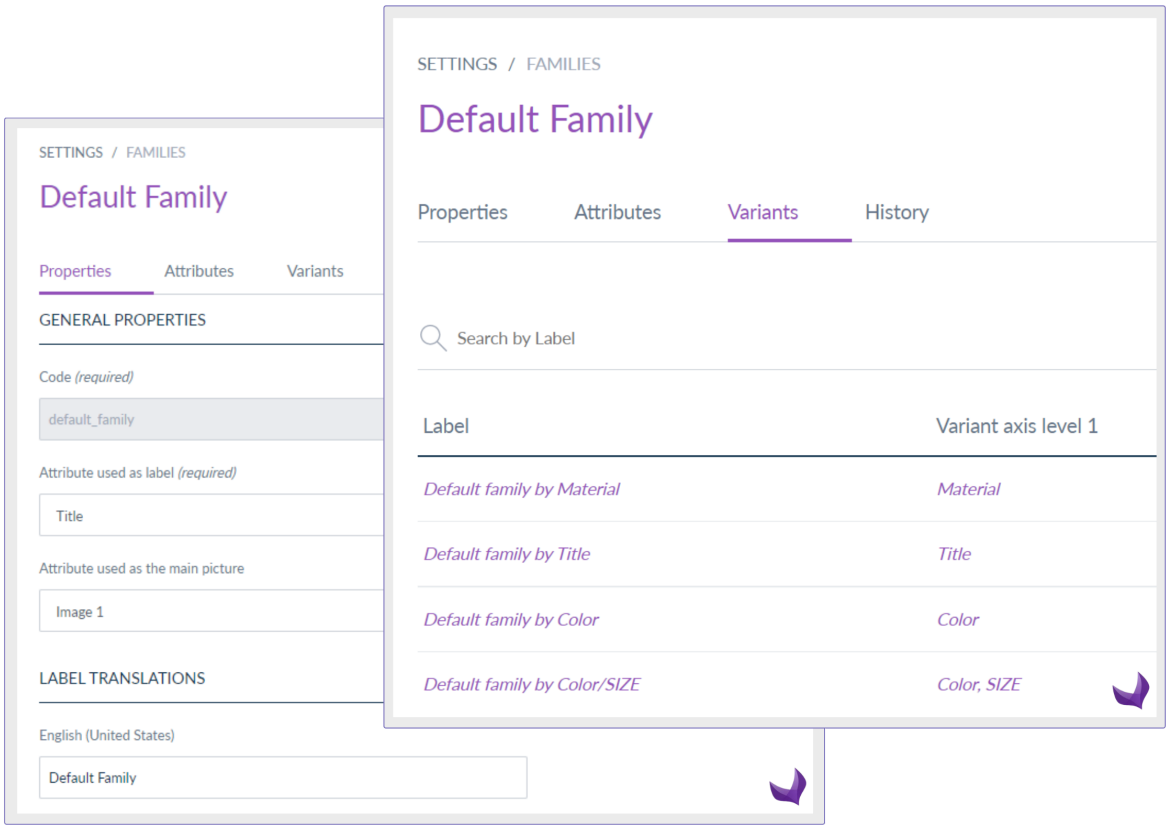
- **Meta Data:** Product level meta fields and variant level meta fields are also created as *Attributes* in Akeneo.
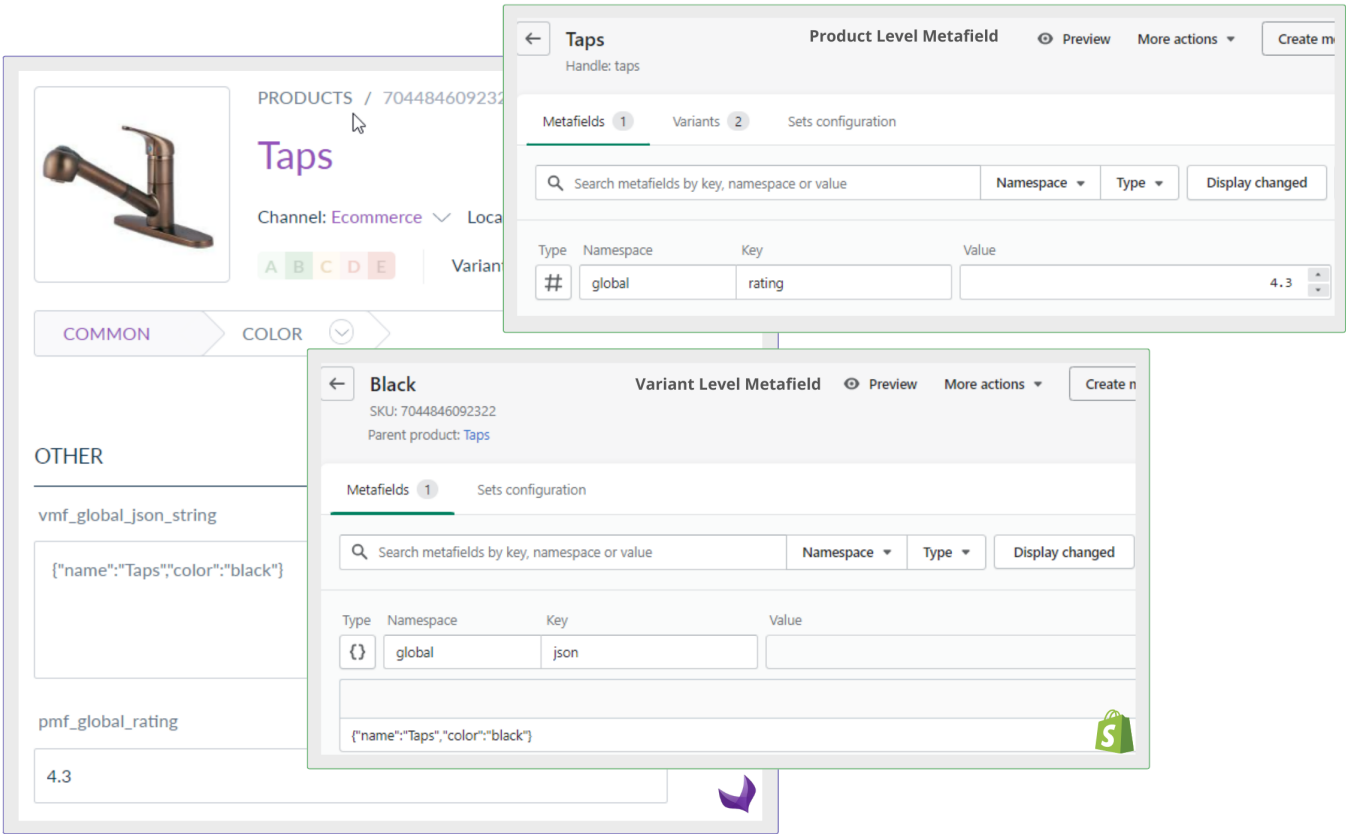
ii. Migrate Shopify Catalog Data into Akeneo PIM. Once all the structures are properly set-up, product data is processed and transformed into PIM.

- **Simple Product:** When a product does not have any variations, it is created as a simple product in Akeneo. All the product data is transformed and transferred to respective fields with proper data types.
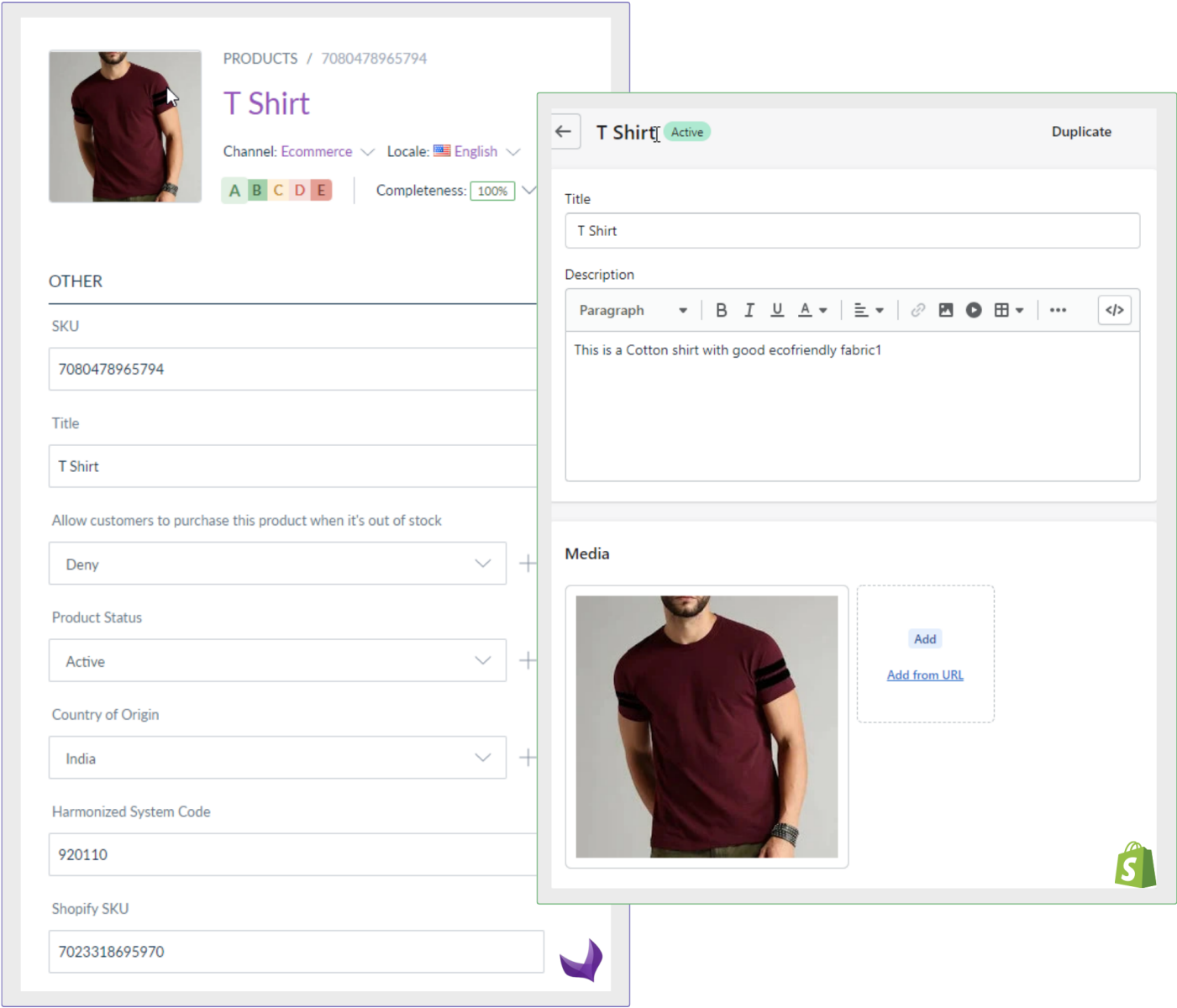
- **Product Model & Product Variant:** Any product that has variations is created as a Product Model in Akeneo with product level attributes as common attributes. All available variations are created as variant products with variant level attributes. All product model/variant data is transferred accordingly to common/variant level fields.
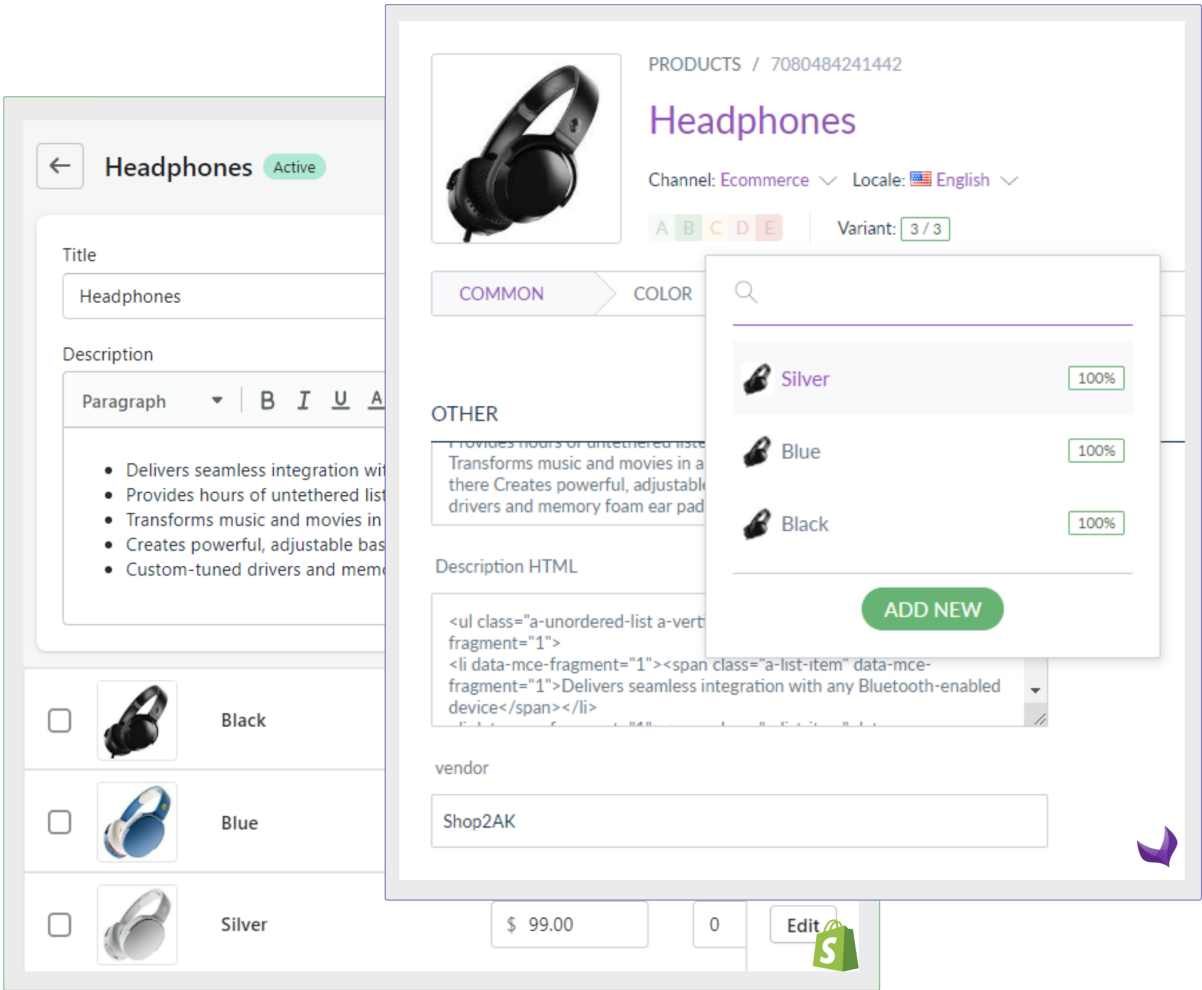
ii. Migrate Digital Assets into Akeneo PIM. Once all the data structure and product data are migrated into Akeneo PIM, then product media data like images and videos are synced.

- **Product Images:** The tool supports the transfer of up to ten images per product. All images are created as image attributes (not asset collection). If you would like to import more than ten images per product, you can configure the max_no_images field in the application.properties file and add the extra image attributes via fixtures. Please contact support@striketru.com for assistance.   All the images are associated with respective SKU and at the right level with consistent sort order from BigCommerce. The first image in the sort order is used as a thumbnail.

- **Product Videos:** Our tool supports the transfer of up to ten videos per product. The YouTube video ids are transferred as text fields into Akeneo. If you would like to import more than 10 videos per product, you can configure the max_no_videos field in the application.properties file and add the extra video attributes via fixtures. Please contact support@striketru.com for assistance.
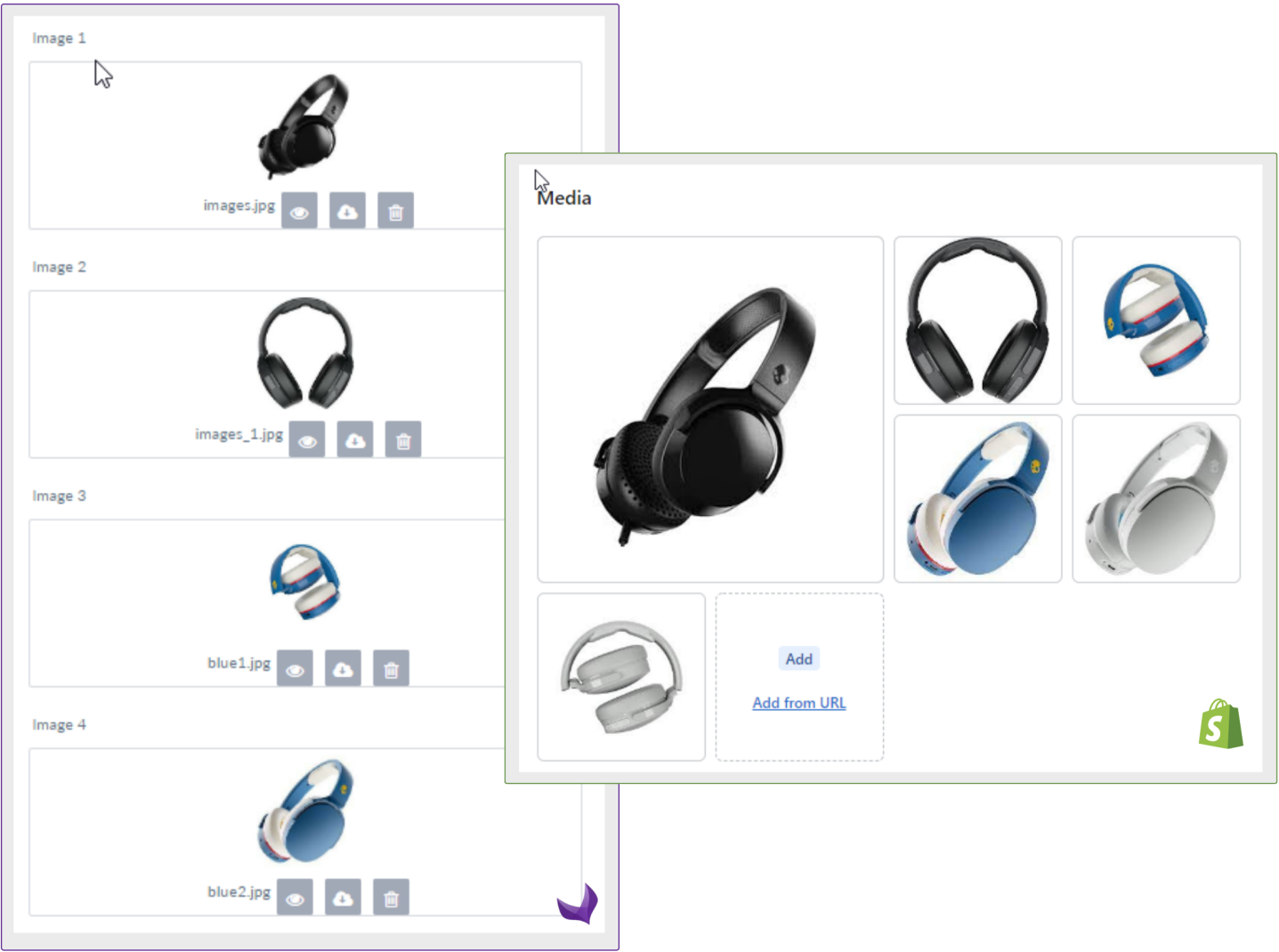
FIXTURES SYNC OVERVIEW

All the Shopify mandatory fields are created using Akeneo PIM fixtures.

> **NOTE:** The default data structures (*Standard Attributes, Attribute Group*), Parent (*Family and Category*), *Association types, Groups, Group types, Users, User Groups*, are created by loading the Shopify fixtures before executing the catalog migration tool.   Attribute data such as *Option* fields, *Meta* fields, and product data are synced through the connector and catalog migrator tool.

Shopify Attributes Created as Fixtures

- ☑ Title
- ☑ Description
- ☑ Media
- ☑ Pricing (cost, compare, price)
- ☑ Inventory(SKU, barcode, track quantity)
- ☑ Quantity (locations)
- ☑ Shipping (weight)
- ☑ Custom information(country of origin,hs code)
- ☑ Options (name,value)
- ☑ SEO (page title, meta description, URL handle)
- ☑ Product status
- ☑ Product organization(type, vendor, collections, tags)

FREQUENTLY ASKED QUESTIONS

1. Is the tool deployed by the StrikeTru team or do we need to deploy it?

The tool deployment is handled by StrikeTru. How to Deploy the Data Migration tool? guide provides the opportunity to "do-it-yourself."

2. How to get the API Credentials for Shopify and Akeneo PIM?

Check out How to get API from Shopify (link) to get Shopify API credentials. API credentials for Akeneo PIM: Manage your Akeneo Connections helps you get API credentials.

3. What versions of Akeneo are supported?

All versions above Akeneo 3.2 (Community, Growth & Enterprise Editions) are supported.

4. Does this tool handle more than 10 images per product?

The tool supports up to ten images & ten videos per product. To transfer more than ten images/videos per product, contact support@striketru.com.

5. Where do I mention the API credentials?

You should mention the credentials in the credentials.yml file which is in the folder with your store ID as the folder name. You can find this folder under the "Configuration" folder in the main deployment directory. Contact sales@striketru.com for help with deployment.

6. Is there any data that is not migrated from Shopify to PIM?

Yes, List Type and File Type (PDF, Excel), Videos are not migrated in the current version.

Thank You!

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