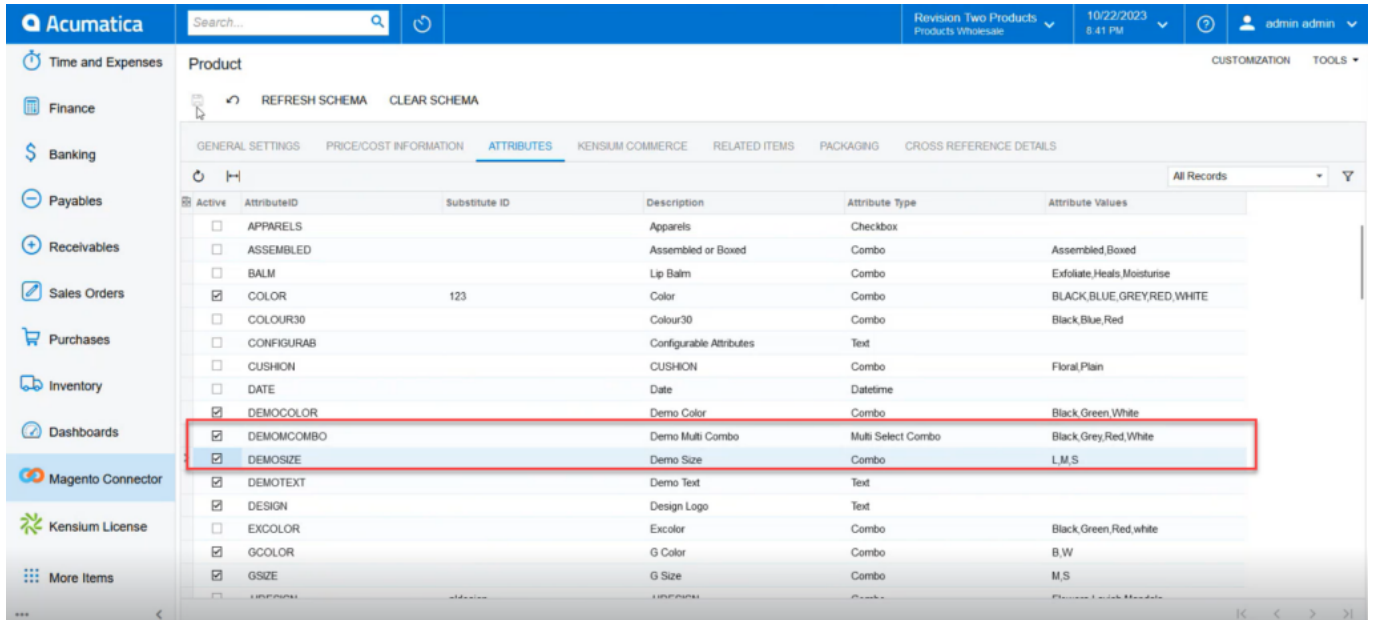


Attributes in Product Schema

The attributes that you have created are displayed in [Product Schema] of Acumatica.



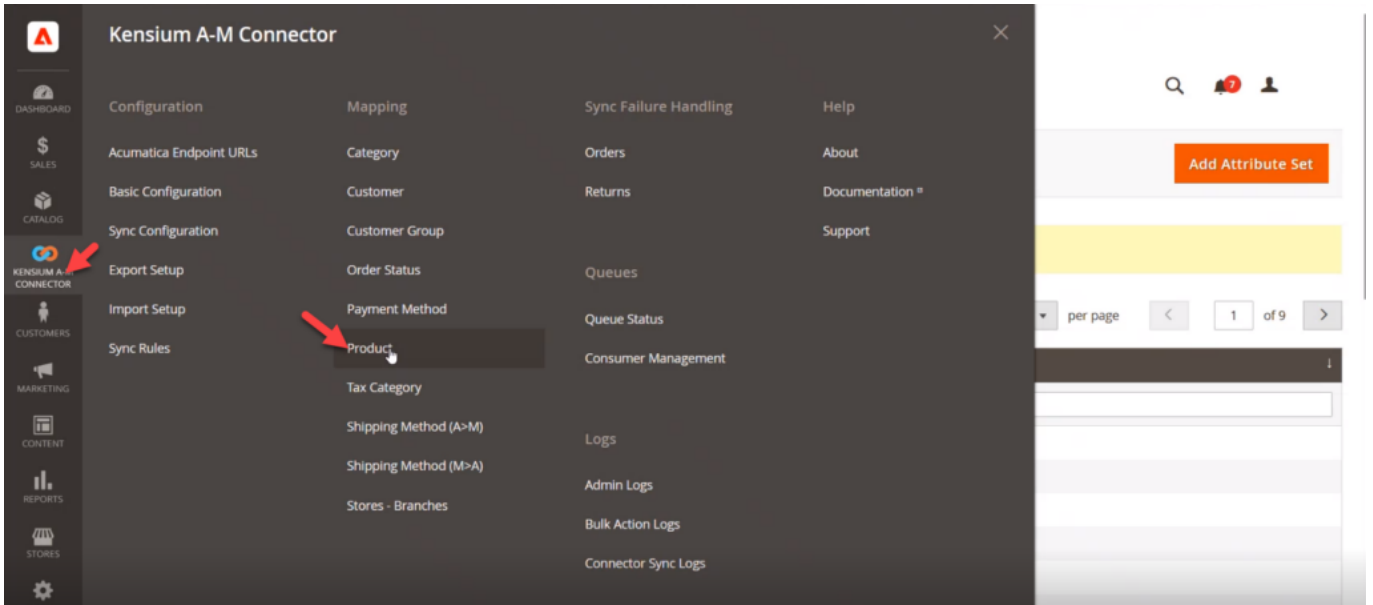
The screenshot shows the Acumatica interface for the 'Product' schema. The 'ATTRIBUTES' tab is selected, displaying a table of attributes. A red box highlights three newly created attributes: DEMOCOLOR, DEMOMCOMBO, and DEMOSIZE.

Active	AttributeID	Substitute ID	Description	Attribute Type	Attribute Values
<input type="checkbox"/>	APPARELS		Apparels	Checkbox	
<input type="checkbox"/>	ASSEMBLED		Assembled or Boxed	Combo	Assembled,Boxed
<input type="checkbox"/>	BALM		Lip Balm	Combo	Exfoliate,Heals,Moisturise
<input checked="" type="checkbox"/>	COLOR	123	Color	Combo	BLACK,BLUE,GREY,RED,WHITE
<input type="checkbox"/>	COLOUR30		Colour30	Combo	Black,Blue,Red
<input type="checkbox"/>	CONFIGURAB		Configurable Attributes	Text	
<input type="checkbox"/>	CUSHION		CUSHION	Combo	Floral,Plain
<input type="checkbox"/>	DATE		Date	Datetime	
<input checked="" type="checkbox"/>	DEMOCOLOR		Demo Color	Combo	Black,Green,White
<input checked="" type="checkbox"/>	DEMOMCOMBO		Demo Multi Combo	Multi Select Combo	Black,Grey,Red,White
<input checked="" type="checkbox"/>	DEMOSIZE		Demo Size	Combo	L,M,S
<input checked="" type="checkbox"/>	DEMOTEXT		Demo Text	Text	
<input checked="" type="checkbox"/>	DESIGN		Design Logo	Text	
<input type="checkbox"/>	EXCOLOR		Excolor	Combo	Black,Green,Red,white
<input checked="" type="checkbox"/>	GCOLOR		G Color	Combo	B,W
<input checked="" type="checkbox"/>	GSIZE		G Size	Combo	M,S

The created attributes are displayed in [Product Schema]

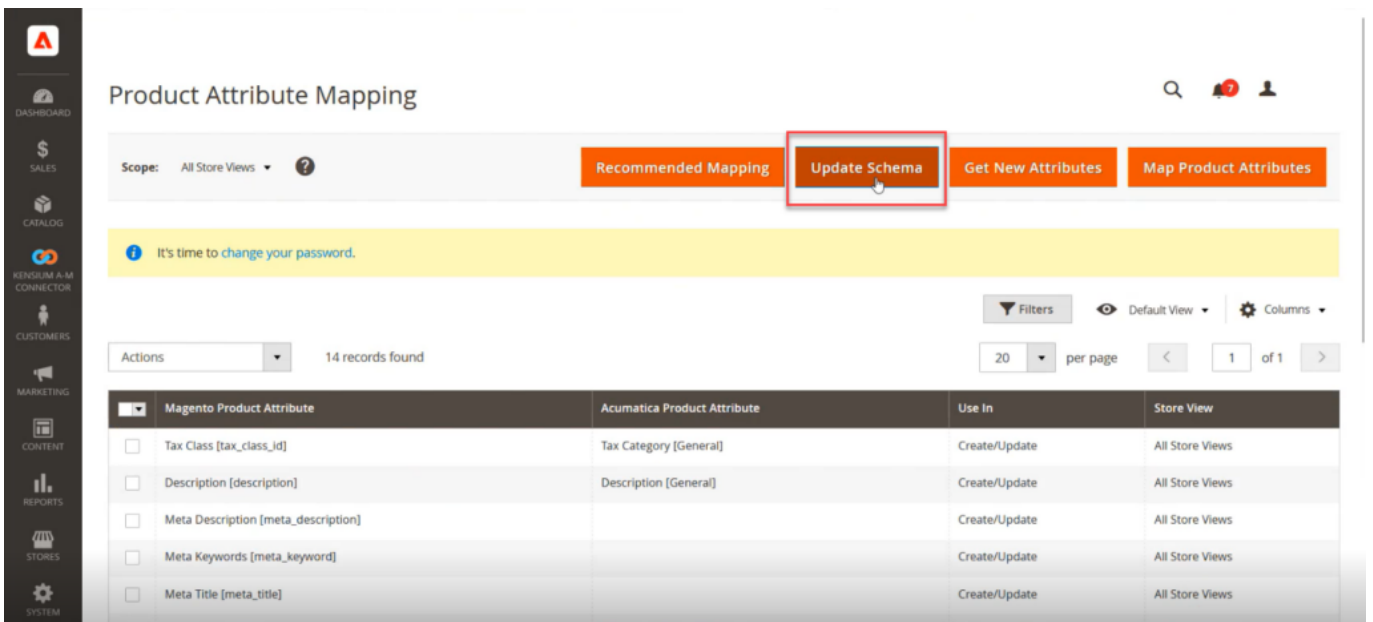
You can also create Date and Text boxes.

You need to Map the newly created attributes with Magento. To map the attributes, go to the Mapping section of Magento and click on Product Mapping.



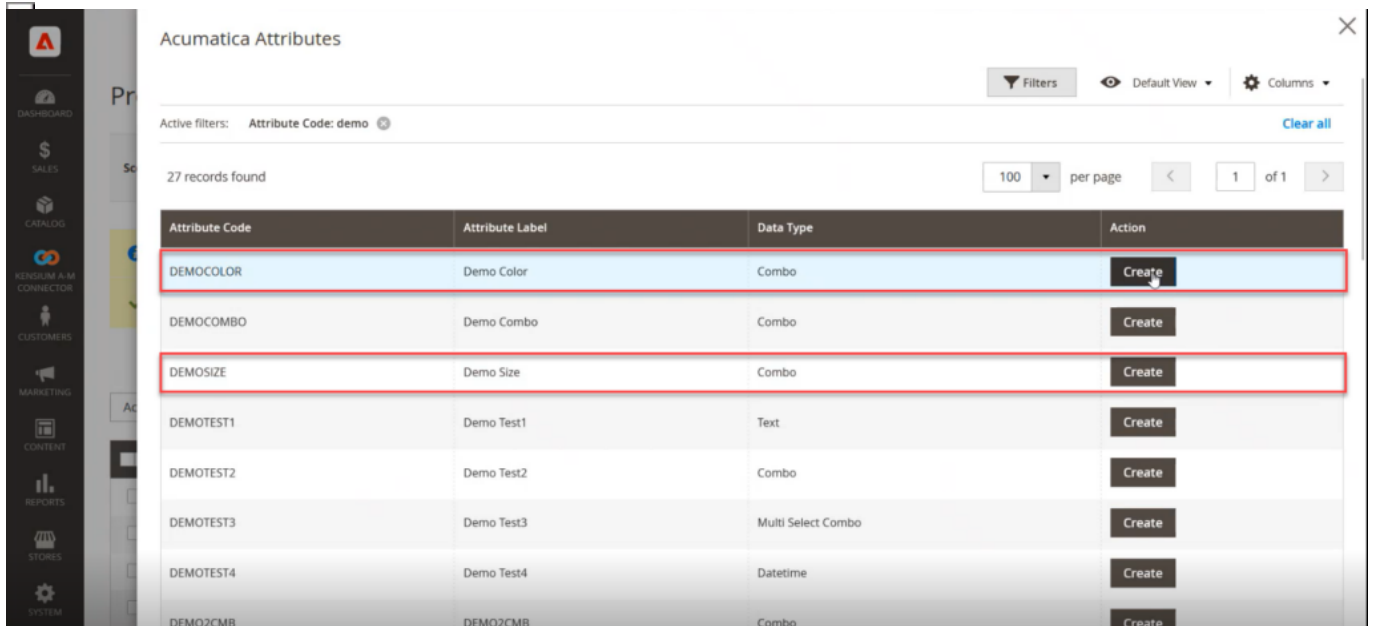
Map the attributes in Magento

To fetch the attributes from Acumatica you need to click on **[Update Schema]**.



Updating the Schema

From the Get New Attributes you will be able to filter the new attributes which you have created and synced.

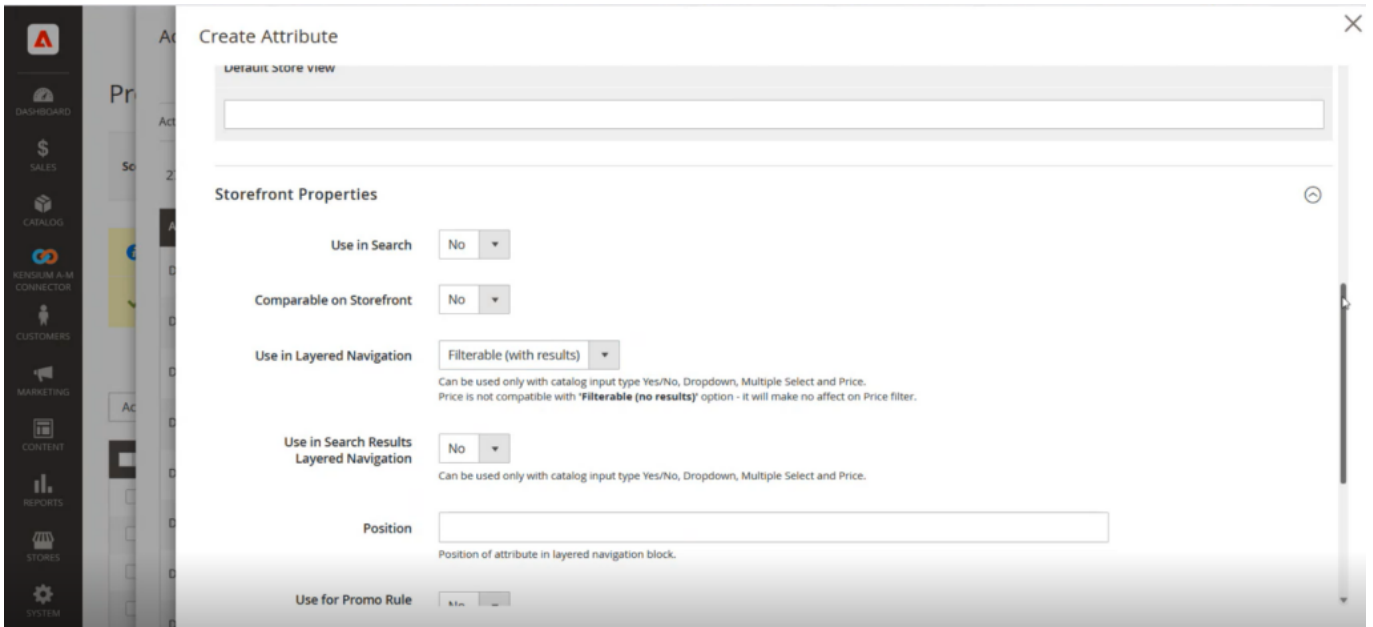


The screenshot shows the 'Acumatica Attributes' interface. It features a sidebar on the left with navigation icons for Dashboard, Sales, Catalog, Kensium A-M Connector, Customers, Marketing, Content, Reports, Stores, and System. The main area displays a table of attributes with the following columns: Attribute Code, Attribute Label, Data Type, and Action. The table contains 27 records, with the first three rows highlighted in light blue and red boxes. The 'Action' column for each row contains a 'Create' button. The interface also includes a search bar, filters, and pagination controls.

Attribute Code	Attribute Label	Data Type	Action
DEMOCOLOR	Demo Color	Combo	Create
DEMOCOMBO	Demo Combo	Combo	Create
DEMOSIZE	Demo Size	Combo	Create
DEMOTEST1	Demo Test1	Text	Create
DEMOTEST2	Demo Test2	Combo	Create
DEMOTEST3	Demo Test3	Multi Select Combo	Create
DEMOTEST4	Demo Test4	Datetime	Create
DEMO2CMB	DEMO2CMB	Combo	Create

Get New Attributes

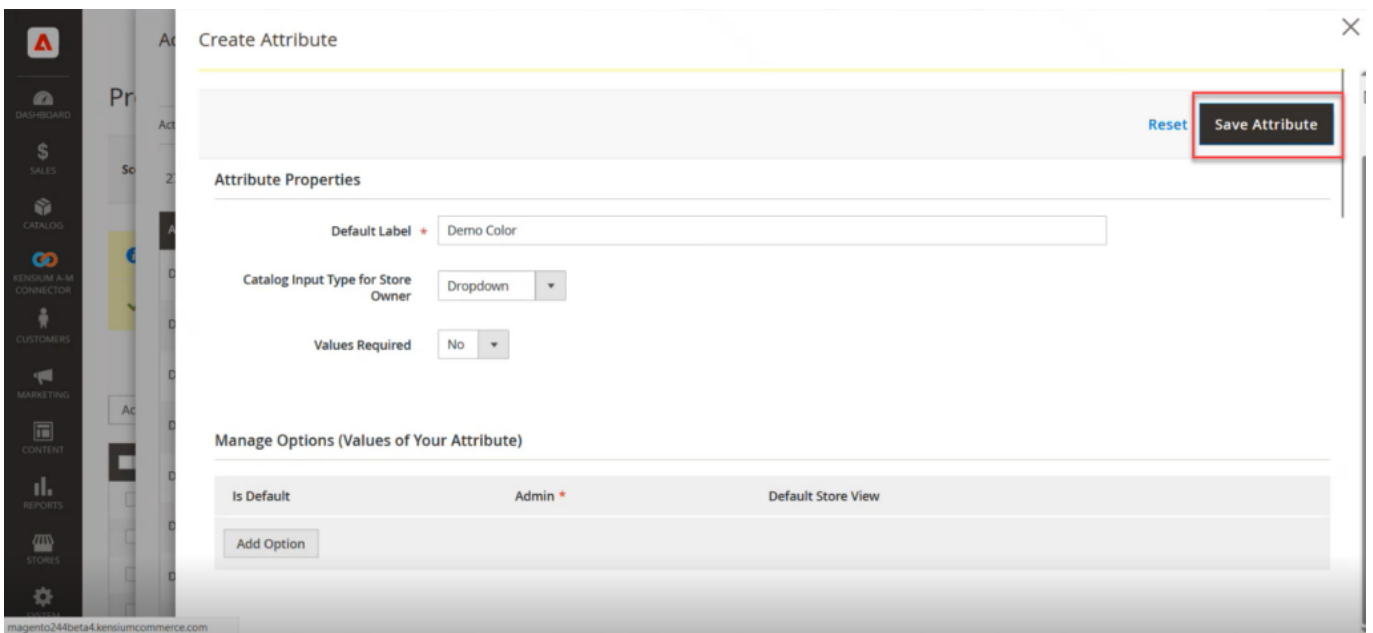
Follow the below screenshot to proceed to create the attributes in Magento from Acumatica.



The screenshot shows the 'Create Attribute' form in the Magento admin interface. The 'Storefront Properties' section is visible, containing several configuration options:

- Use in Search:** No
- Comparable on Storefront:** No
- Use in Layered Navigation:** Filterable (with results). A note below states: "Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price. Price is not compatible with 'Filterable (no results)' option - it will make no affect on Price filter."
- Use in Search Results Layered Navigation:** No. A note below states: "Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price."
- Position:** An empty text field with a note: "Position of attribute in layered navigation block."
- Use for Promo Rule:** No

Configuring the new attributes within Magento.



The screenshot shows the 'Create Attribute' form in the Magento admin interface, focusing on the 'Attribute Properties' and 'Manage Options' sections. A red box highlights the 'Save Attribute' button.

Attribute Properties

- Default Label:** Demo Color
- Catalog Input Type for Store Owner:** Dropdown
- Values Required:** No

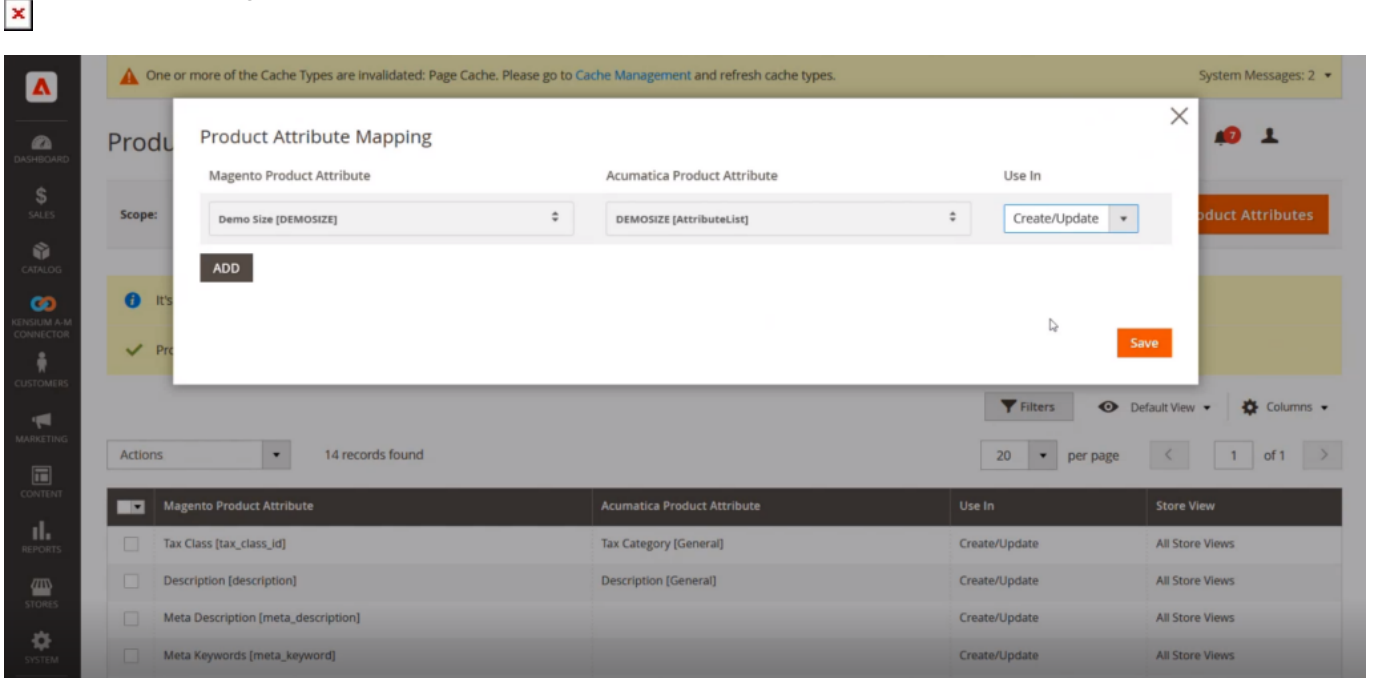
Manage Options (Values of Your Attribute)

Is Default	Admin	Default Store View
	Admin	Default Store View

[Add Option](#)

Save the attributes within Magento.

Similarly, the 4 attributes which you have created in Acumatica will be shown in Magento and you need to configure those 4 attributes. So, after configuring the attributes you need to map those 4 product attributes with Magento product Attributes and Acumatica Product Attributes.



The screenshot shows the 'Product Attribute Mapping' modal in a Magento admin interface. The modal has three columns: 'Magento Product Attribute', 'Acumatica Product Attribute', and 'Use In'. The first row shows 'Demo Size [DEMOSIZE]' mapped to 'DEMOSIZE [AttributeList]' with 'Create/Update' selected in the 'Use In' dropdown. An 'ADD' button is visible below the modal. In the background, a table lists existing mappings:

Magento Product Attribute	Acumatica Product Attribute	Use In	Store View
<input type="checkbox"/> Tax Class [tax_class_id]	Tax Category [General]	Create/Update	All Store Views
<input type="checkbox"/> Description [description]	Description [General]	Create/Update	All Store Views
<input type="checkbox"/> Meta Description [meta_description]		Create/Update	All Store Views
<input type="checkbox"/> Meta Keywords [meta_keyword]		Create/Update	All Store Views

Map the Product Attributes

One or more of the Cache Types are invalidated: Page Cache. Please go to [Cache Management](#) and refresh cache types. System Messages: 2

Product Attribute Mapping

Magento Product Attribute	Acumatica Product Attribute	Use In	
Demo Size [DEMOSIZE]	DEMOSIZE [AttributeList]	Create/Update	Delete
Demo Color [DEMOCOLOR]	DEMOCOLOR [AttributeList]	Create/Update	Delete
Oct Date [OCTDATE]	OCTDATE [AttributeList]	Create/Update	Delete
Oct text [OCTTEXT]	OCTTEXT [AttributeList]	Create/Update	Delete

ADD

Save

Attribute	Category	Use In	Store Views
Tax Class [tax_class_id]	Tax Category [General]	Create/Update	All Store Views
Description [description]	Description [General]	Create/Update	All Store Views
Meta Description [meta_description]		Create/Update	All Store Views
Meta Keywords [meta_keyword]		Create/Update	All Store Views

All 4 Product Attributes are mapped

Product Attribute Mapping

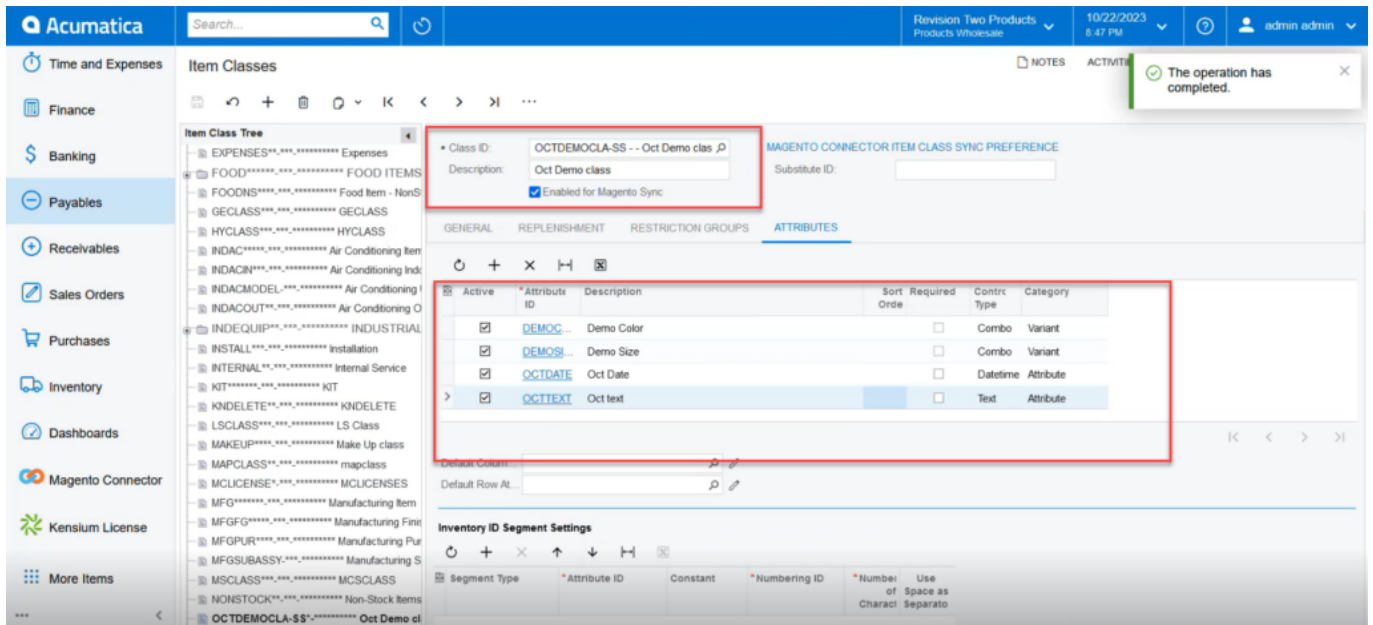
Recommended Mapping | Update Schema | Get New Attributes | Map Product Attributes

<input type="checkbox"/>	SKU [sku]	Inventory ID [General]	Create/Update	All Store Views
<input type="checkbox"/>	Enable Product [status]		Create/Update	All Store Views
<input type="checkbox"/>	Visibility [visibility]	Visibility [Ecommerce]	Create/Update	All Store Views
<input type="checkbox"/>	Weight [weight]		Create/Update	All Store Views
<input type="checkbox"/>	King Color [KINGCOLOR]	KINGCOLOR [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	King Size [KINGSIZE]	KINGSIZE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Demo Size [DEMOSIZE]	DEMOSIZE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Demo Color [DEMOCOLOR]	DEMOCOLOR [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Oct Date [OCTDATE]	OCTDATE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Oct text [OCTTEXT]	OCTTEXT [AttributeList]	Create/Update	All Store Views

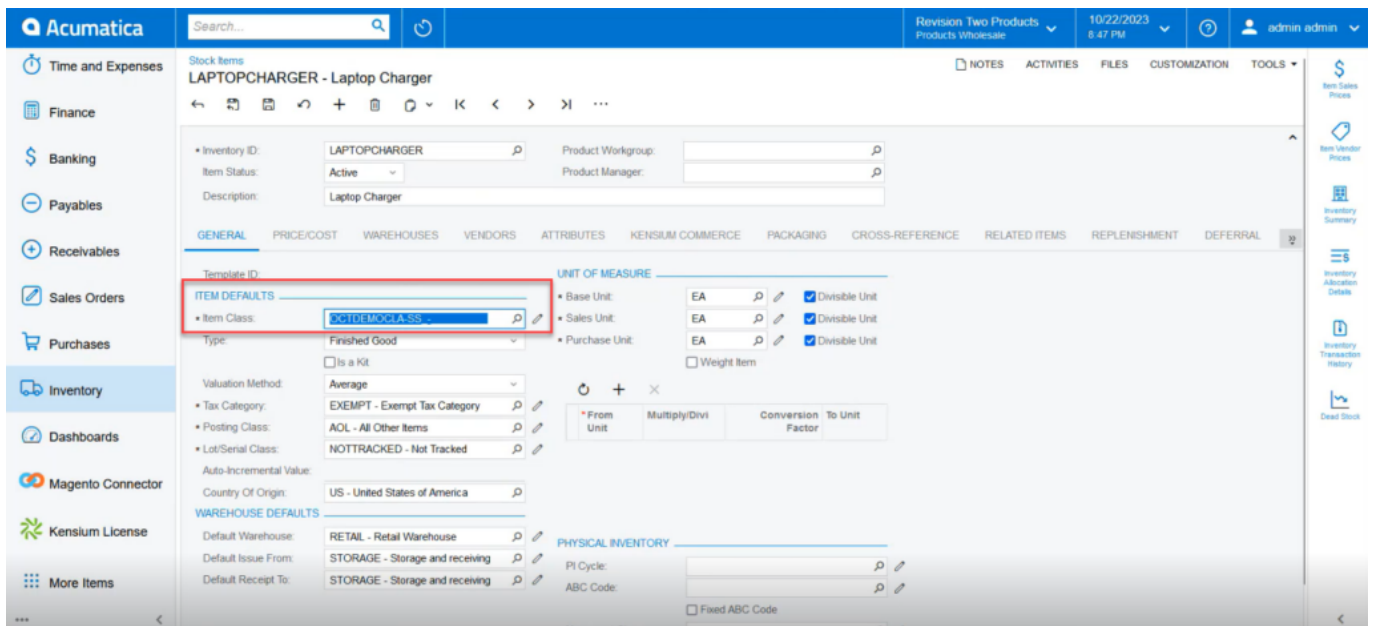
Copyright © 2023 Adobe. All rights reserved. Adobe Commerce ver. 2.4.4
[Privacy Policy](#) | [Account Activity](#) | [Report an Issue](#)

All 4 Product Attributes are displayed in the Product Attribute Mapping

Now in Acumatica create a simple stock item with this same Item Class which you have created before.

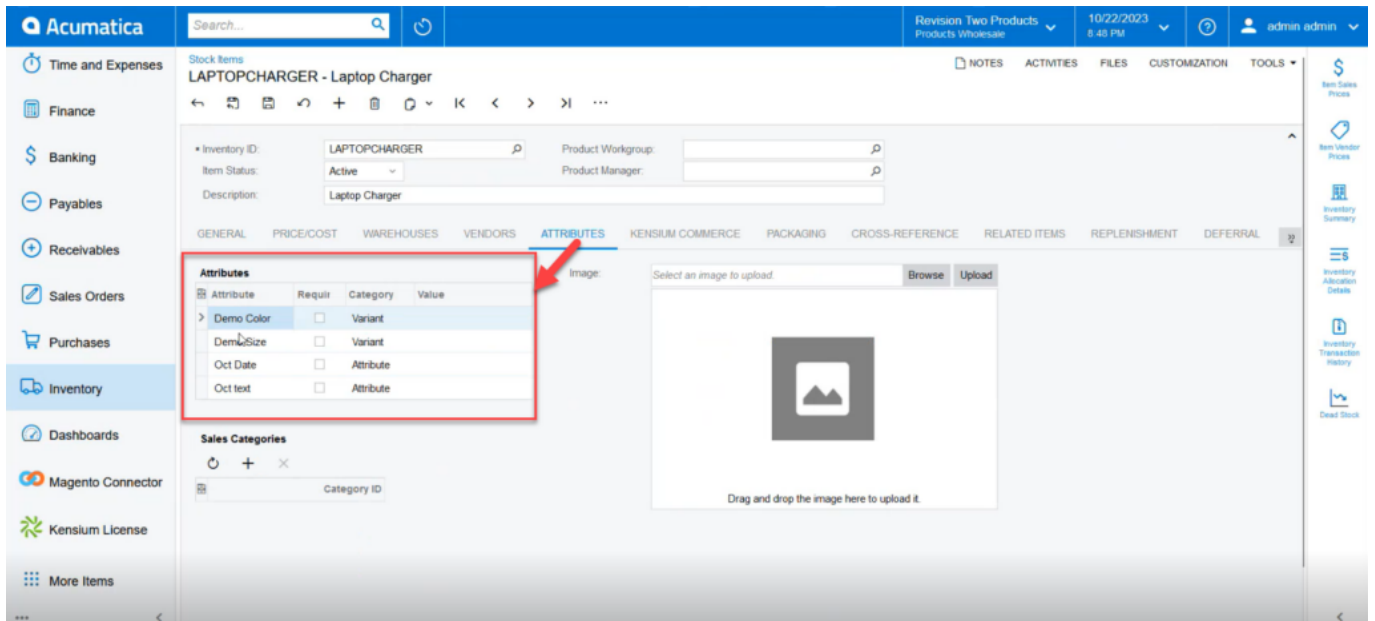


You need to create a product with the same Item Class which will be shown in the Class ID.



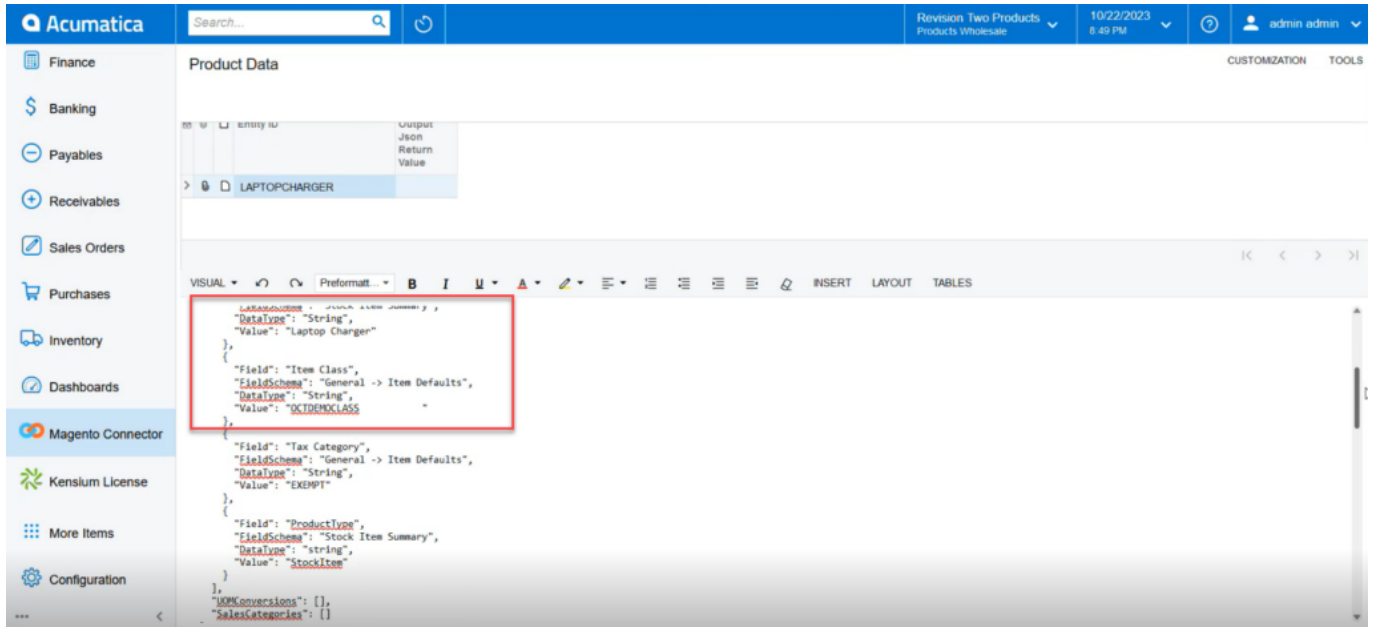
The mapped attributes will be shown here against the product. You may have multiple attributes;

however, the condition is it has to be mapped then only it will be displayed.



Mapped attributes are displayed here.

To check the data processing, you need to the Product Data, and you can search by the product that you have created. This process will ensure that the data is being synchronized from Acumatica to Magento.



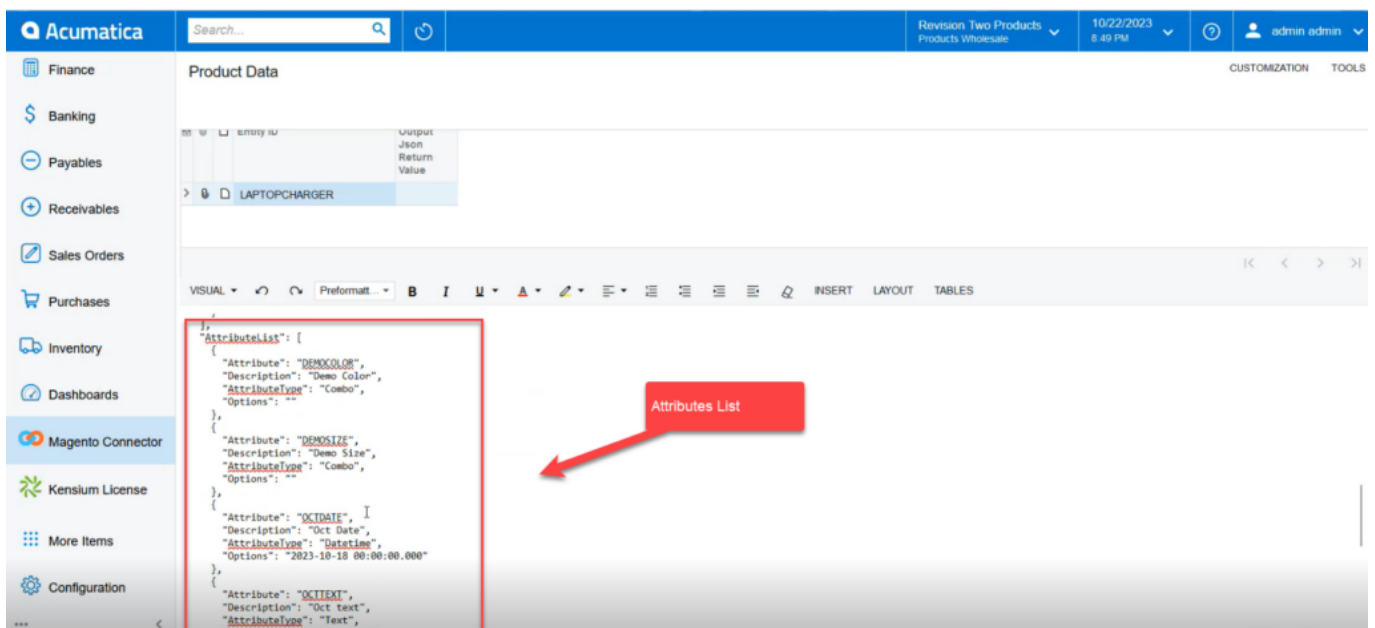
The screenshot shows the Acumatica interface with the 'Product Data' section open for 'LAPTOPCHARGER'. A red box highlights a field definition in the JSON output:

```

"Field": "Item Class",
"FieldSchema": "General -> Item Defaults",
"DataType": "String",
"Value": "LAPTOPCHARGER"

```

Data Type in the JSON



The screenshot shows the Acumatica interface with the 'Product Data' section open for 'LAPTOPCHARGER'. A red box highlights an 'AttributeList' in the JSON output:

```

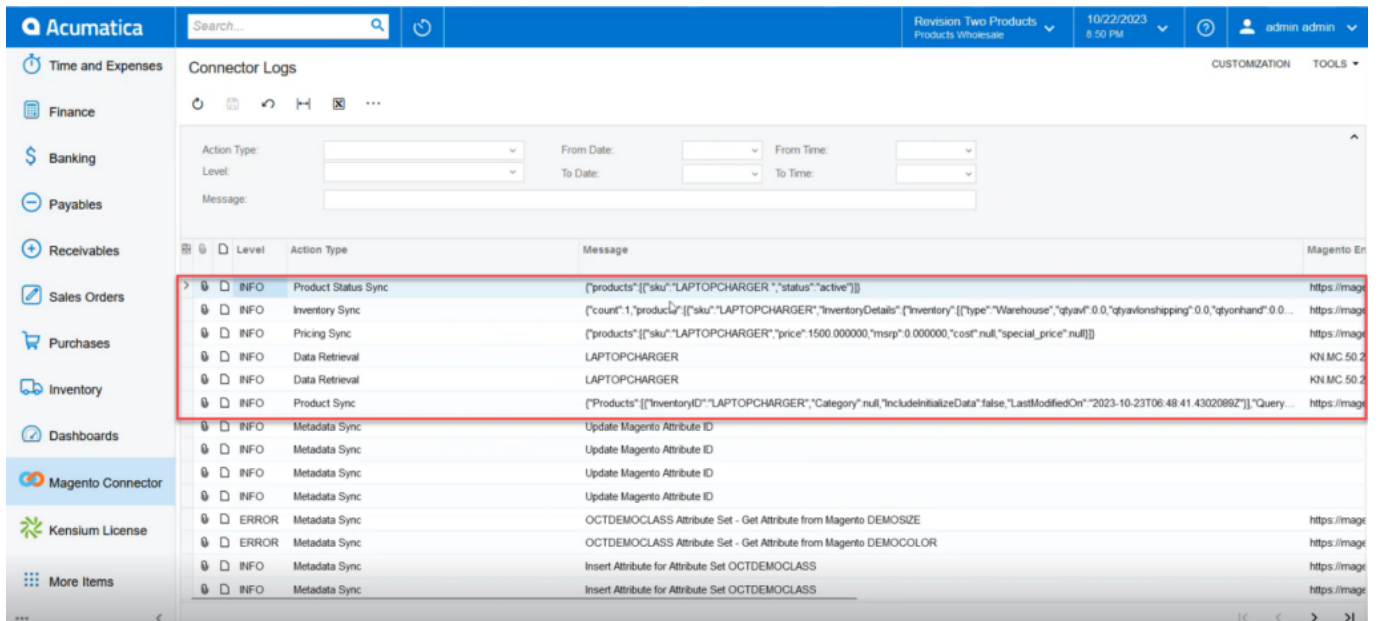
"AttributeList": [
  {
    "Attribute": "DEMOCOLOR",
    "Description": "Demo Color",
    "AttributeType": "Combo",
    "Options": ""
  },
  {
    "Attribute": "DEMOSIZE",
    "Description": "Demo Size",
    "AttributeType": "Combo",
    "Options": ""
  },
  {
    "Attribute": "OCTDATE",
    "Description": "Oct Date",
    "AttributeType": "Datetime",
    "Options": "2023-10-18 00:00:00.000"
  },
  {
    "Attribute": "OCTTEXT",
    "Description": "Oct text",
    "AttributeType": "Text",
    "Options": ""
  }
]

```

A red arrow points from a red box labeled 'Attribute List' to the highlighted JSON structure.

Attribute List in the JSON File

You can check whether the data is passing or not from the Acumatica Connector Logs.

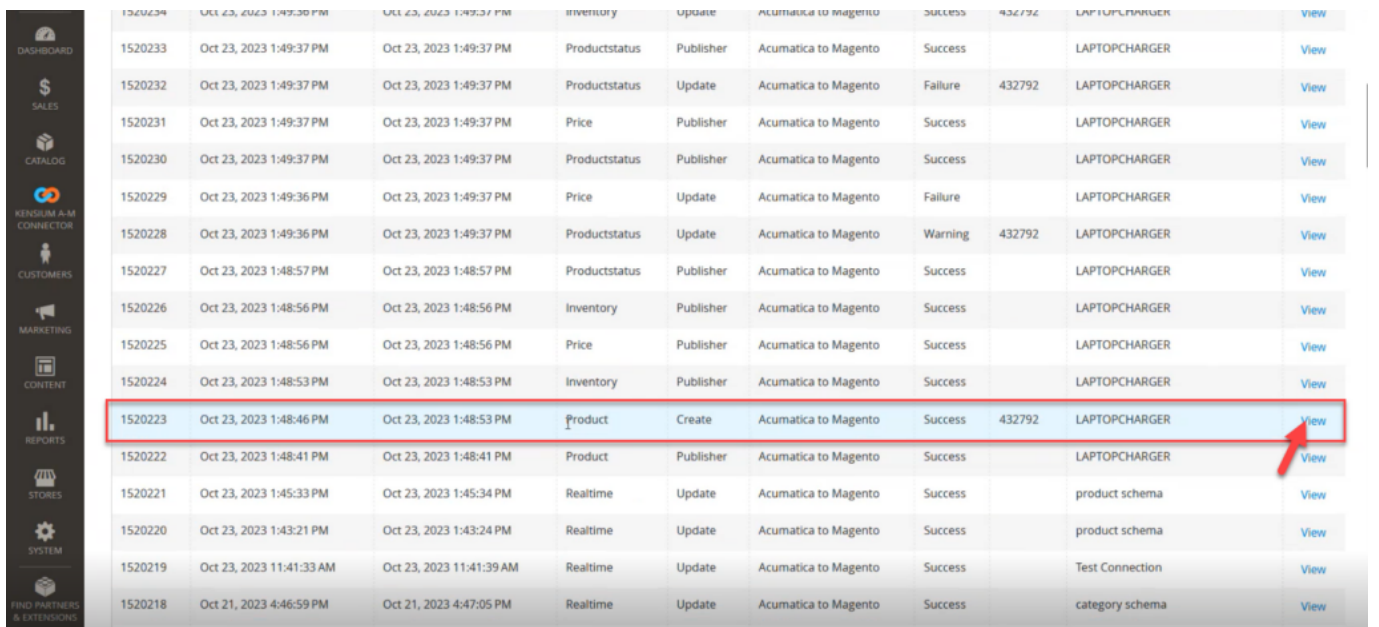


The screenshot shows the Acumatica Connector Logs interface. At the top, there's a search bar and filters for Action Type, Level, From Date, From Time, To Date, and To Time. Below the filters is a table of logs. A red box highlights a specific log entry:

Level	Action Type	Message	Magento En
INFO	Product Status Sync	[{"products":[{"sku":"LAPTOPCHARGER","status":"active"}]}	https://image
INFO	Inventory Sync	[{"count":1,"product":{"sku":"LAPTOPCHARGER","inventoryDetails":{"inventory":{"type":"Warehouse","qtyav":0.0,"qtyonhand":0.0...}}	https://image
INFO	Pricing Sync	[{"products":[{"sku":"LAPTOPCHARGER","price":1500.000000,"msrp":0.000000,"cost":null,"special_price":null}]}]	https://image
INFO	Data Retrieval	LAPTOPCHARGER	KNMC 50.2
INFO	Data Retrieval	LAPTOPCHARGER	KNMC 50.2
INFO	Product Sync	[{"Products":{"InventoryID":"LAPTOPCHARGER","Category":null,"IncludeInitializeData":false,"LastModifiedOn":"2023-10-23T06:48:41.4302089Z"},"Query...}]	https://image

Acumatica Connector Log Details

On the Magento connector log, we can check the same.

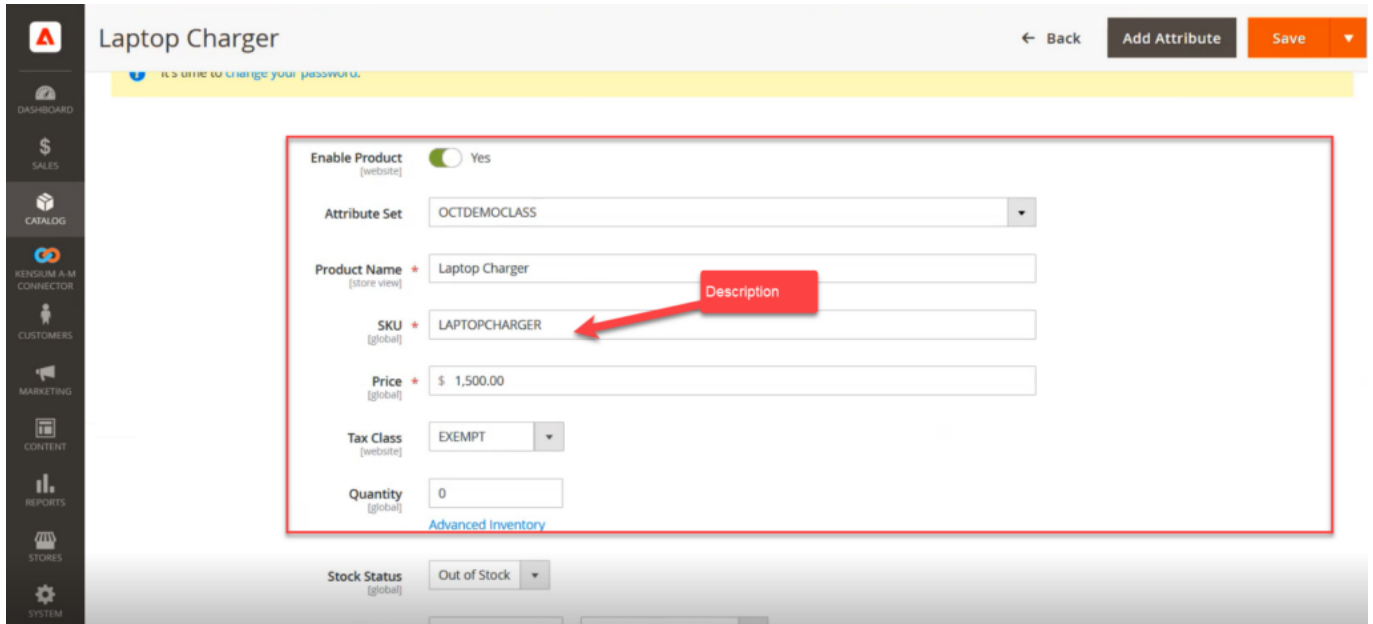


The screenshot shows the Magento connector log interface. A table of logs is displayed, with a red box highlighting a specific log entry:

ID	Date	Time	Entity	Action	Direction	Status	Quantity	SKU	View
1520233	Oct 23, 2023	1:49:37 PM	Productstatus	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520232	Oct 23, 2023	1:49:37 PM	Productstatus	Update	Acumatica to Magento	Failure	432792	LAPTOPCHARGER	View
1520231	Oct 23, 2023	1:49:37 PM	Price	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520230	Oct 23, 2023	1:49:37 PM	Productstatus	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520229	Oct 23, 2023	1:49:36 PM	Price	Update	Acumatica to Magento	Failure		LAPTOPCHARGER	View
1520228	Oct 23, 2023	1:49:36 PM	Productstatus	Update	Acumatica to Magento	Warning	432792	LAPTOPCHARGER	View
1520227	Oct 23, 2023	1:48:57 PM	Productstatus	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520226	Oct 23, 2023	1:48:56 PM	Inventory	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520225	Oct 23, 2023	1:48:56 PM	Price	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520224	Oct 23, 2023	1:48:53 PM	Inventory	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520223	Oct 23, 2023	1:48:46 PM	Product	Create	Acumatica to Magento	Success	432792	LAPTOPCHARGER	View
1520222	Oct 23, 2023	1:48:41 PM	Product	Publisher	Acumatica to Magento	Success		LAPTOPCHARGER	View
1520221	Oct 23, 2023	1:45:33 PM	Realtime	Update	Acumatica to Magento	Success		product schema	View
1520220	Oct 23, 2023	1:43:21 PM	Realtime	Update	Acumatica to Magento	Success		product schema	View
1520219	Oct 23, 2023	11:41:33 AM	Realtime	Update	Acumatica to Magento	Success		Test Connection	View
1520218	Oct 21, 2023	4:46:59 PM	Realtime	Update	Acumatica to Magento	Success		category schema	View

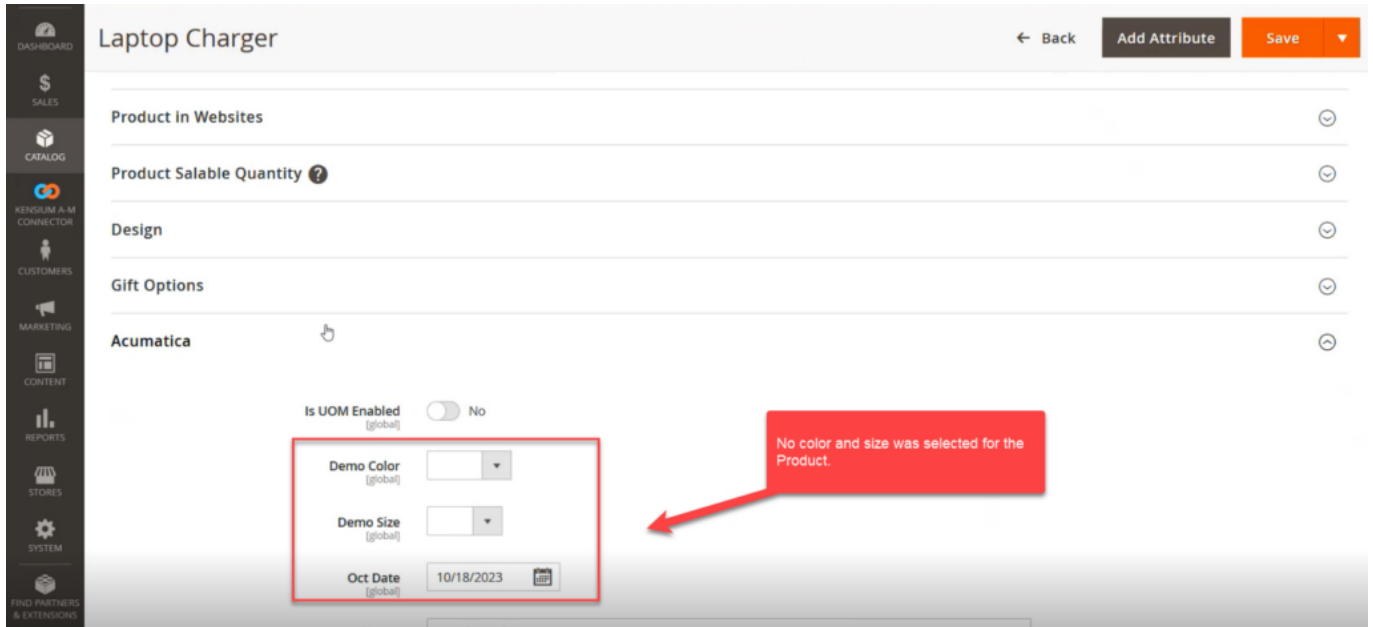
Product Synchronization is a success in the connector log

Upon clicking on the [View] link you will be redirected to the following screen from where you can view all the product-related details.



Product details in Magento

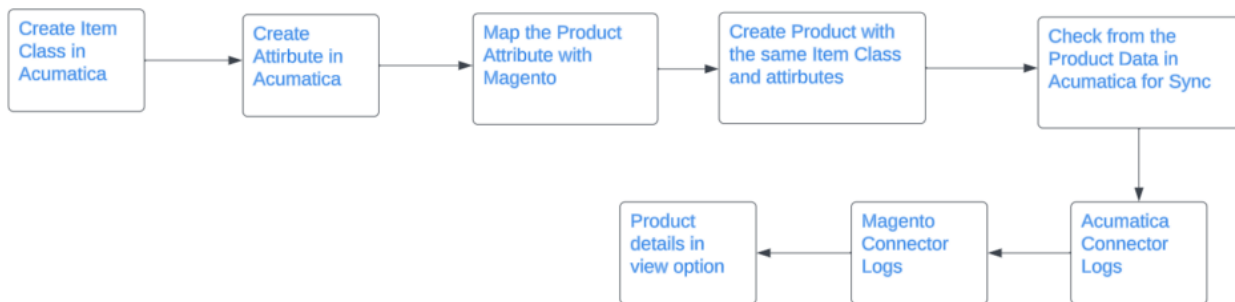
While creating the Product no color or size was selected. So, in Magento, these two product attributes will be displayed as blank. However, the drop-down will show the option that was created in the first place.



Details under Acumatica

The above illustration is related to Simple Stock Items. You can follow the same procedure for the Non-Stock Items. **The only difference between Stock and Non-Stock is that Non-Stock will not have the Quantity.**

Item Class Sync with Attributes in Magento and Acumatica for Stock & Non- Stock Item





KENSIUM

Adobe Connector

Flow of Events for Item Class Sync with Attributes

