

Variation Dimensions

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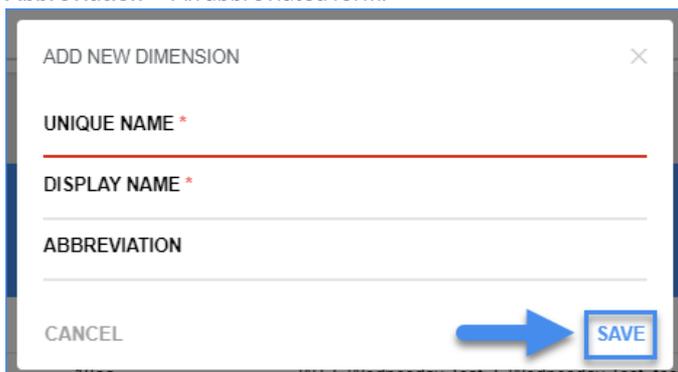
Overview

A **dimension** refers to the different sizes or colors of a **variation**. For example, a dimension name could be the size, color, or flavors of a product.

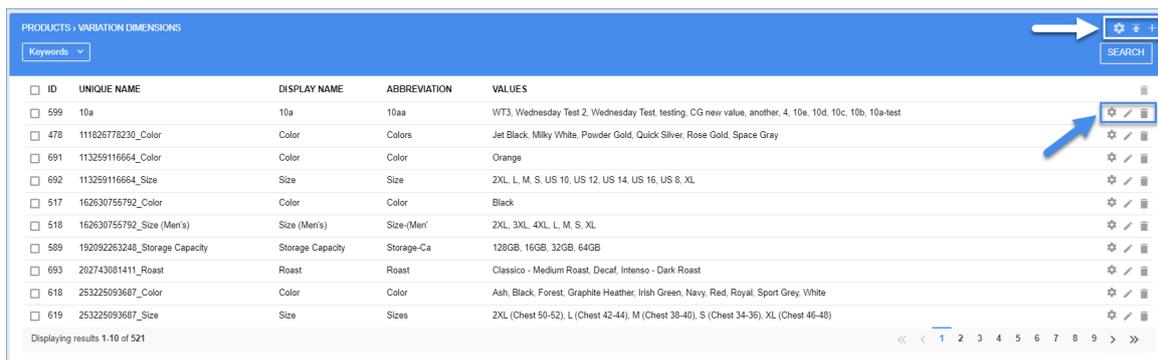
Create and Manage Dimensions

Usually, you'll want to create a new dimension from the **Variation Dimensions** page.

1. Go to **Settings > Products > Variation Dimensions**.
2. In the upper-righthand corner, click the plus icon.
3. Complete the required fields:
 - a. **Unique Name** — Name of a particular dimension to be associated with the intended products.
 - b. **Display Name** — Name as it appears on the channel.
 - c. **Abbreviation** — An abbreviated form.



4. Click **Save**.
5. You can perform various actions on the **Variation Dimension** page for individual or multiple variation dimensions. Using the icons in the upper-righthand corner, you can access **Variation Name Mapping** or **Import Dimensions**. You can also edit existing dimensions. Use the icons in each dimension row to **Manage Values**, **Edit Product Conditions**, or **Delete** the dimension.
6. Additionally, there is a Client Setting "**Allow Re-Order N-Matrix dimension and values**" that can be enabled that will allow you to rearrange the order in which the Dimensions are displayed.



ID	UNIQUE NAME	DISPLAY NAME	ABBREVIATION	VALUES
599	10a	10a	10aa	WT3, Wednesday Test 2, Wednesday Test, testing, CG new value, another, 4, 10a, 10d, 10c, 10b, 10a-test
478	111826778230_Color	Color	Colors	Jet Black, Milky White, Powder Gold, Quick Silver, Rose Gold, Space Gray
691	113259116664_Color	Color	Orange	
692	113259116664_Size	Size	Size	2XL, L, M, S, US 10, US 12, US 14, US 16, US 8, XL
517	162630755792_Color	Color	Color	Black
518	162630755792_Size (Men's)	Size (Men's)	Size (Men'	2XL, 3XL, 4XL, L, M, S, XL
589	192092263240_Storage Capacity	Storage Capacity	Storage-Ca	128GB, 16GB, 32GB, 64GB
693	202743081411_Roast	Roast	Roast	Classico - Medium Roast, Decaf, Intenso - Dark Roast
618	25325093687_Color	Color	Color	Ash, Black, Forest, Graphite Heather, Irish Green, Navy, Red, Royal, Sport Grey, White
619	25325093687_Size	Size	Sizes	2XL (Chest 50-52), L (Chest 42-44), M (Chest 38-40), S (Chest 34-36), XL (Chest 46-48)

There is another way to add a new dimension: go to **Catalog > Manage Catalog > Open a product > Toolbox > Variations**.

Manage Dimension Values

Once you've created your variation dimension, you can set values for it.

1. Click the gear icon next to your created variation dimension.

ID	UNIQUE NAME	DISPLAY NAME	ABBREVIATION	VALUES
599	10a	10a	10aa	WT3, Wednesday Test 2, Wednesday Test, testing, CG new value, another, 4, 10a, 10d, 10c, 10b, 10a-test
478	111826778230_Color	Color	Colors	Jet Black, Milky White, Powder Gold, Quik Silver, Rose Gold, Space Gray
691	113259116664_Color	Color	Color	Orange
692	113259116664_Size	Size	Size	2XL, L, M, S, US 10, US 12, US 14, US 16, US 8, XL
517	162630755792_Color	Color	Color	Black
518	162630755792_Size (Men's)	Size (Men's)	Size (Men's)	2XL, 3XL, 4XL, L, M, S, XL
589	192092263248_Storage Capacity	Storage Capacity	Storage-Ca	128GB, 16GB, 32GB, 64GB
693	202743081411_Roast	Roast	Roast	Classico - Medium Roast, Decaf, Intenso - Dark Roast
610	253225093687_Color	Color	Color	Ash, Black, Forest, Graphite Heather, Irish Green, Navy, Red, Royal, Sport Grey, White
619	253225093687_Size	Size	Sizes	2XL (Chest 50-52), L (Chest 42-44), M (Chest 38-40), S (Chest 34-36), XL (Chest 46-48)

2. On the **Dimension Values** page, in the **Values** panel, click the plus icon to **Add New Value**.

3. Enter the value and its abbreviation > Click **Save**.

4. Using the icons in the upper-righthand corner, you can **Export Values** or **Import Values**. There are also functions that let you **Edit Product Variation Dimensions** or **Delete values**.

ID	NAME	ABBREVIATION	SORT ORDER
3162	X-Large	X-Large	0
3161	Large	Large	0
3160	Medium	Medium	0
3159	Small	Small	0

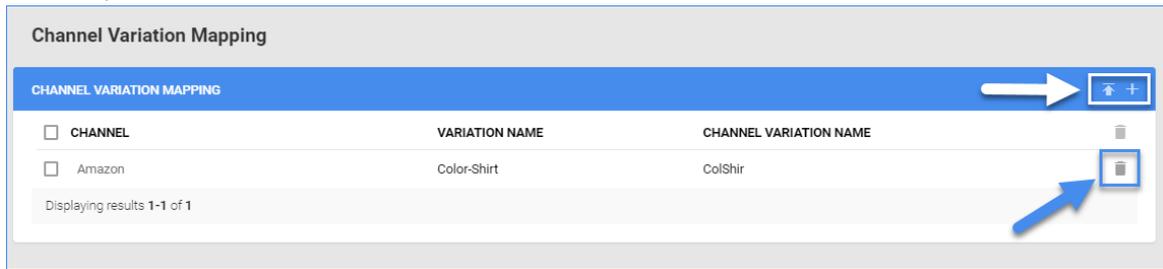
Variation Name Mapping

This allows you to view the variations you created for each channel you sell on. For example, a product listed on eBay may have a dimension with a certain name. You can use **Variation Name Mapping** to ensure you don't use the same variation name when listing the same product on another channel.

1. Go to **Settings > Products > Variation Dimensions**.
2. On the **Variation Dimensions** page, click the gear icon in the upper-righthand corner.

ID	UNIQUE NAME	DISPLAY NAME	ABBREVIATION	VALUES
921	879	Pen Color	PC	Pen Color
877	Pen Color	Pen	Pen	Blue, Green, Red
922	Pen Shape	PEn Color	PC	Pen Shape
878	Pen Type	Pen Type	Pen-Type	1, 2

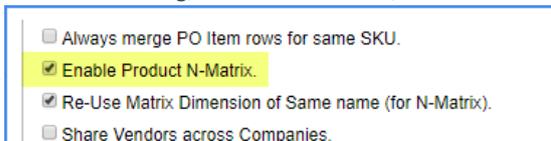
- This opens a new page where you can **Import Channel Variation Mappings**, **Add New Channel Variation Name**, or **Delete** channel-specific variations.



Create an N-Matrix (variation)

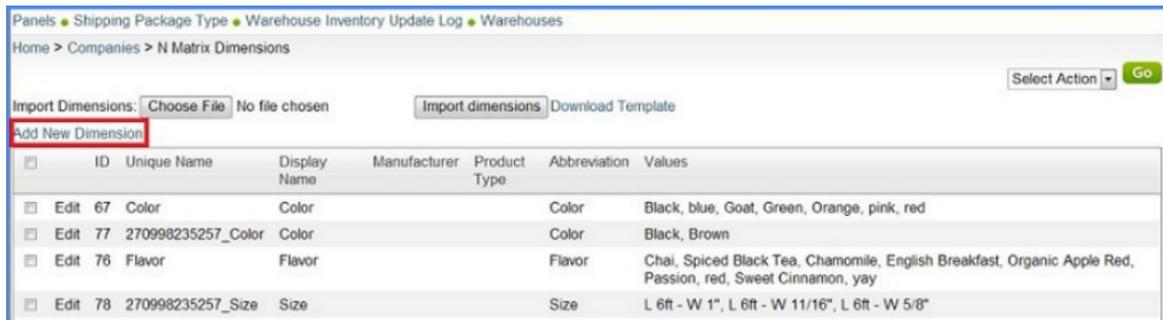
To create a variation listing, known as N-Matrix, in Sellercloud's original interface, select **Enable Product N-Matrix** in the Client

Settings.



- Go to **Settings > N Matrix**.

- Press **Add New Dimension**.



- Complete and save the following fields:

- Unique Name** – Name of a particular dimension to be associated with the intended products
- Display Name** – Name as it appears on the channel
- Abbreviation** – An abbreviated form
- Manufacturer** – For reference (not required)
- Product Type** – For reference (not required)

Home > Companies > N Matrix Dimensions > New Dimension

Unique Name:

Display Name:

Abbreviation:

Manufacturer:

Product Type:

4. Click on **Manage Values** to edit values (such as colors, sizes, flavors, etc.).

a.

Home > Companies > N Matrix Dimensions > Dimension: Tea Flavors > Values

Dimension Name: Tea Flavors

Dimension Abbreviation: Tea

Value:

Abbreviation:

Existing Values

<input type="checkbox"/>	ID	Name	Abbreviation
<input type="checkbox"/>	Edit 666	Black Tea	BT
<input type="checkbox"/>	Edit 665	Green Tea	GT

5. Add a new product to your catalog with a name that reflects that it is a parent product of the variations. (In this example, "MatrixParent," as shown below in Step #7.)

6. On the parent product's Product Summary, click **Toolbox > N-Matrix > Matrix General**.

7. Choose the dimensions to add to this product (if necessary, add a new dimension) > **Continue** (at bottom of page).

Home > Search > Manage Inventory > MATRIXPARENT > Product N Matrix > Configure

Product Name: Taylors of Harrogate, Yorkshire Gold Tea, 160-Count Tea Bags

Please pick the dimensions you want to use for creating matrix for this product.

New Dimension:

<input type="checkbox"/>	ID	Name	Manufacturer	Product Type	Abbreviation	Values
<input type="checkbox"/>	67	Color			Color	Black, blue, Goat, Green, Orange, p
<input type="checkbox"/>	77	Color			Color	Black, Brown
<input type="checkbox"/>	76	Flavor			Flavor	Chai, Spiced Black Tea, Chamomil
<input type="checkbox"/>	78	Size			Size	L 6ft - W 1", L 6ft - W 11/16", L 6ft -
<input type="checkbox"/>	68	Size			Size	1, 2, 3, 4, Large, Small
<input type="checkbox"/>	64	Sizes			SZ	Extra Large, Large/Grande, Medium
<input type="checkbox"/>	82	Tea Flavors			Tea	Black Tea, Green Tea
<input type="checkbox"/>	66	Teammate Name			TMN	CANO-24, ICHIRO-31, JETER-2

8. Copy and paste a product SKU into its corresponding Product ID to build it on a parent and child scheme.

9. Learn how to set images on variations.

Home > Search > Manage Inventory > MATRIXPARENT > Product N Matrix

Product Name: Taylors of Harrogate, Yorkshire Gold Tea, 160-Count Tea Bags

Display all combinations

<input type="checkbox"/>	ProductID	Tea Flavors	Inventory
<input type="checkbox"/>	MATRIXCHILD1	Black Tea	<input type="text"/>
<input type="checkbox"/>	MATRIXCHILD2	Green Tea	<input type="text"/>

When creating an n-matrix listing, the parent inventory always stays at 0 and the children retain the inventory. This is because the parent is not a real product, as shown below.

Site Price	Wholesale Price	Agg Avail Qty	Ph. Agg Qty	Non sellable Qty	Reserved Qty	Ph. Sellable Agg Qty
\$8.99	\$0.00	0	0	0	0	0
\$10.99	\$0.00	20	20	0	0	20
\$9.99	\$0.00	20	20	0	0	20
\$8.99	\$0.00	20	20	0	0	20

Create an N-Matrix in bulk

You can create variation dimensions for an N-Matrix in bulk by downloading an Excel template with pre-defined column headers, and then populating the file and importing it:

1. Click **Settings > N Matrix**.

Home Inventory Customers Orders Reports Employees Settings My Account

Company Settings • Add New Company • Blacklisting Rules • Client Settings • Custom Column Settings • Custom Page Templates • Inventory Adjustment Reasons • Inventory Snapshots • Listing Campaigns • Locations • **N Matrix** • Order S Types • Payments & Credit Terms • PO Discount Types • Product Conditions • Product Specific Categories • Product S

2. Click **Download Template**.

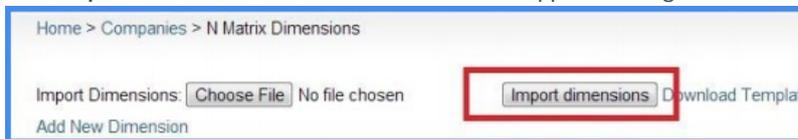


3. Open the downloaded template and enter the desired values. **Note:** The Manufacturer and Product Type columns are not

required.

	A	B	C	D	E	F	G
1	DimensionUniqueName	DimensionDisplayName	DimensionAbbreviation	Manufacturer	ProductType	Value1	Value2
2	Colors	The Different Colors	DC	Not Necessary to Fill	Not Necessary to Fill	Pink	Grey
3	Sizes	Pick a Size	PS	Not Necessary to Fill	Not Necessary to Fill	XL	L
4	Tea	Tea Types	TB	Not Necessary to Fill	Not Necessary to Fill	Brown Tea	Yellow Tea
5							
6							
7							
8							

4. Save the template file with a unique name.
5. On the N Matrix Dimensions page, click Choose File > find the file and click **Open**.
6. Click **Import dimensions**. Your new dimensions will appear in the grid.



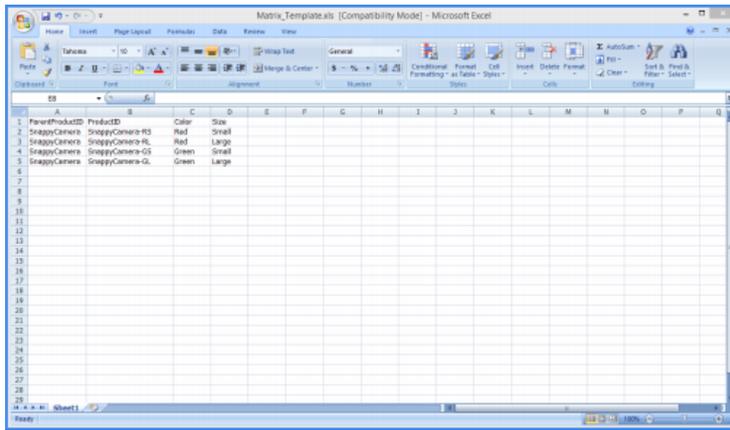
Split an N-Matrix

An n-Matrix that has multiple dimensions can be split into many new n-matrixes by removing one of the dimensions. This is important when taking items from eBay where many dimensions are supported and publishing them to sites like Amazon, where only size and color are supported. For example, an eBay listing for a baseball cap might have variations by team, color, and size and the team dimension would need to be removed before it can be published onto Amazon. You can split an n-Matrix from the ProductDetail page. 'Split n-Matrix' is an item on the n-Matrix submenu. Once the original n-matrix has been split, the child SKUs will be members of more than one parent n-matrix. If you click n-Matrix from the child SKU it will then give you the option to navigate to either of the parents.

Import N-Matrix products

You can create new matrixes in bulk using a file import, or add products to an existing matrix using the same file import. To import a new matrix configuration, do the following:

1. Click Inventory > Import Product Info > **Import Product N-Matrix**.
2. Select a **File Type** from the dropdown > click **Download Template**.
3. In the **ParentProductID** column, enter the Matrix Parent SKU. You must enter the parent SKU in every row that has a matrix child of that parent. **Important!** The Matrix Parent must exist in your SellerCloud catalog before importing.
4. In the **ProductID** column, enter the product ID of the variation product. If the Product ID matches an existing SKU in your catalog, that SKU will be configured as a matrix child. If the SKU does not exist, the import will create it and configure it as a matrix child.
5. In the remaining columns, enter the values of the dimensions associated with that variation. In the image below, there are two dimensions – Color and Size – and on the product rows are Red, Green, Small, and Large, respectively.
6. If you have more dimensions for this n-matrix, add more columns with that dimension name as the header. *If dimensions or values entered do not exist in SellerCloud, they will be created with this file import.*



7. Save the file with a unique name.
8. On the Import Product N-Matrix page, find and select the file.
9. Click **Import Products Info**. The import creates a queued job to create the n-matrix configuration.

Add products to an N-Matrix

The easiest way to add products to an existing matrix is to export the existing matrix, and then import it with the updated products:

1. Open the Manage Inventory page and search for the Matrix.
2. Select the Matrix Parent > **Action Menu** > **Export N Matrix** > **Go**.
3. Add the products to the file as instructed above, then save the file.
4. Click Inventory > Import Product Info > **Import N Matrix** (neither checkbox is required).
5. Choose File > and then click **Import Matrix**.

Products can be added on the interface as well on the Matrix properties page. Check the “Show All” checkbox to reveal all available options. You can add more dimensions and values there as well.

Variation Name Mapping

This allows you to view the variations you created for each channel you sell on. For example, a product listed on eBay may have a dimension with a certain name. You can use **Variation Name Mapping** to ensure you don't use the same variation name when listing the same product on another channel.

1. Click **Settings** > **N Matrix** > **Variation Name Mappings**.

Home > Companies > N Matrix Dimensions

Select Action

Keywords :

Dimension ID :

Manufacturer :

Product Type :

Import Dimensions: No file chosen

Add New Dimension

ID	Unique Name	Display Name	Manufacturer	Product Type	Abbreviation	Values
<input type="checkbox"/> Edit 921	879	Pen Color			PC	Pen Color
<input type="checkbox"/> Edit 877	Pen Color	Pen			Pen	Blue, Green, Red
<input type="checkbox"/> Edit 922	Pen Shape	PEn Color			PC	Pen Shape
<input type="checkbox"/> Edit 878	Pen Type	Pen Type			Pen-Type	1, 2
<input type="checkbox"/> Edit 926	Tea package	Tea package			tpack	Manage Values
<input type="checkbox"/> Edit 925	Tea taste	tea taste			ttaste	black, green

2. This opens a new page where you can select the channel and enter a **Variation Name** for it. You can also **Import Channel Variation Mappings** or **Delete** channel-specific variations.

Import Channel Variation Mapping: No file chosen

Channel:

Variation Name:

Channel Variation Name:

Channel	Variation Name	Channel Variation Name
<input type="checkbox"/> Amazon	my_var	my_var

Select Action

Select Action