



PORTALS VISUAL CONFIGURATION

This document contains information about the product visual configuration functionality in TRIMIT Portals 2018

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INTRODUCTION

Product visual configuration functionality gives possibility to compose a customized product on B2B web shop and Sales Agent portal. Visual configuration is a representation of a VarDim order and the setup is done in VarDim master, which is standard in TRIMIT.

This document also describes file masking concept, which is used for finding images on portals.

For example, use different colors to compose a t-shirt's body, sleeves and pocket. Or use different material colors for sofa's outer side, inner side, seat and pillow.



The functionality described is the functionality in **TRIMIT 2018 W1**.

The pictures in this White Paper are based on the demo database for **TRIMIT 2018 W1** (based on Microsoft Dynamics NAV 2018) in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. from Microsoft Dynamics NAV 2018).

SETUP

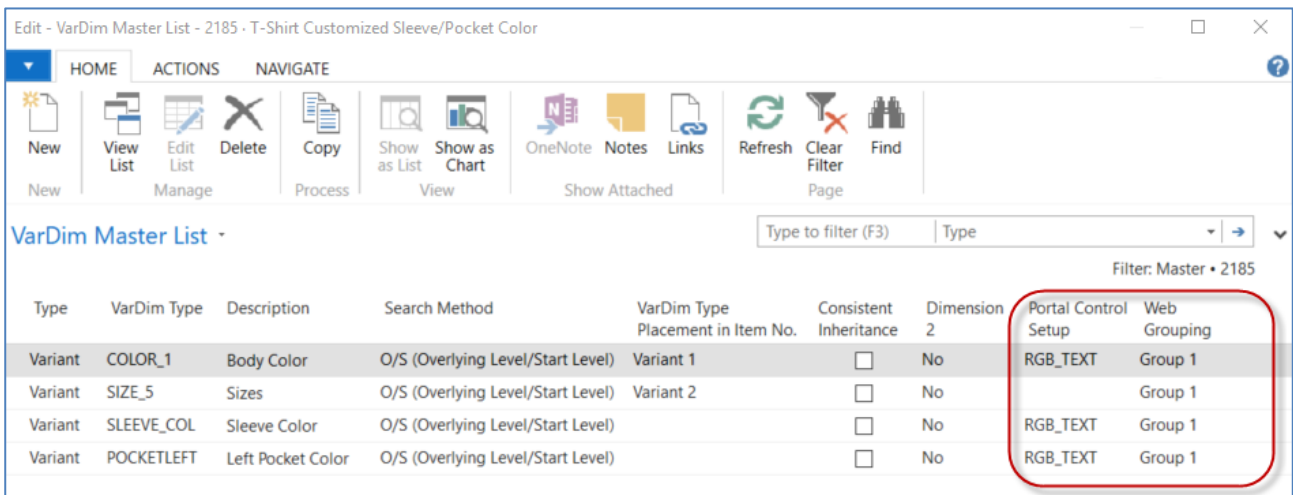
The product visual configuration setup consists of TRIMIT setup and Portals setup. The setup will be described for products 2185 and 3205 in the TRIMIT Demo database 2018.

TRIMIT SETUP

This chapter describes the product visual configuration setup in TRIMIT.

VARDIM MASTER LIST

The VarDim master setup contains VarDim types which a master consists of. These can be color and size. In case of product configuration VarDim master list can contain several VarDim types for colors representing master parts like sleeve, pocket etc. Below is the description of the fields related to visual configuration.



Type	VarDim Type	Description	Search Method	VarDim Type Placement in Item No.	Consistent Inheritance	Dimension 2	Portal Control Setup	Web Grouping
Variant	COLOR_1	Body Color	O/S (Overlying Level/Start Level)	Variant 1	☐	No	RGB_TEXT	Group 1
Variant	SIZE_5	Sizes	O/S (Overlying Level/Start Level)	Variant 2	☐	No		Group 1
Variant	SLEEVE_COL	Sleeve Color	O/S (Overlying Level/Start Level)		☐	No	RGB_TEXT	Group 1
Variant	POCKETLEFT	Left Pocket Color	O/S (Overlying Level/Start Level)		☐	No	RGB_TEXT	Group 1

DESCRIPTION OF THE RELATED FIELDS

PORTAL CONTROL SETUP

This field defines how the variant selection is represented on portals product page. Drilling down in this field opens a page **Portal Control Setup**. This page contains predefined default values which user can select from. It is also possible to add you own portal control, but this will require developing a corresponding control on the portal side. Changing these values requires refreshing the web page. Read more information in section Portal control setup.

WEB GROUPING

This field is used for splitting the master information into logical areas and displaying this information in tabs on portal product page. Available options *Group 1 – Group 10* and *Hide*. Read more information in section Web grouping.

PORTAL CONTROL SETUP

Select - Portal Control Setup						
HOME CRONUS TRIMIT W1 Ltd. ?						
New	View List	Edit List	Delete	Show as List	Show as Chart	OneNote Notes Links
New	Manage	View	Show Attached	Refresh	Clear Filter	Find
Portal Control Setup Type to filter (F3) Code No filters applied						
Code	Type	Template	Minimum Value	Maximum Value	Interval	Custom Attribute
DROPD_TEXT	Drop Down	Text	0,00	0,00	0,00	
DROPD_WITH_IMG	Drop Down	ImageAndText	0,00	0,00	0,00	
RGB_TEXT	Drop Down	RGBAndText	0,00	0,00	0,00	
SLIDER_0.5	Slider	ImageAndText	0,00	100,00	0,50	
SLIDER_1	Slider	ImageAndText	0,00	100,00	1,00	
SLIDER_5	Slider	ImageAndText	0,00	100,00	5,00	
SLIDER_50	Slider	ImageAndText	0,00	100,00	50,00	

DESCRIPTION OF PORTAL CONTROL SETUP FIELDS

Changing values in these fields does not require running schedules to see the change on Portal product page, it would be enough to refresh the page (F5).

CODE

Descriptive portal control code

TYPE

Portal control type. This value is selectable. Available options are *Default*, *Drop Down*, *Selection*, *Slider*.

DESCRIPTION OF THE OPTIONS

Default

If this option is selected, then portal decides the type of control

Drop Down

The values will be available in the drop-down field

Selection

Unsupported right now

Slider

The values will be represented as a slider

TEMPLATE

Portal control template. This value is selectable. Available options are *Text*, *Image*, *Image and Text*, *Image and Big Text*, *RGB and Text*, *RGB and Big Text*.

DESCRIPTION OF THE OPTIONS

Text

The VarDim variants will be represented as text on portal product page

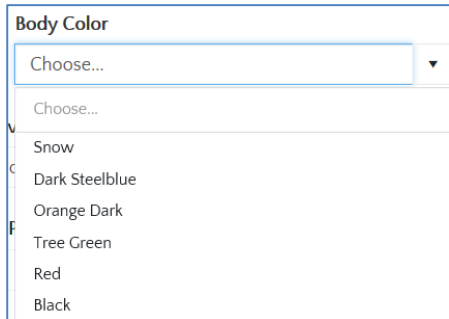
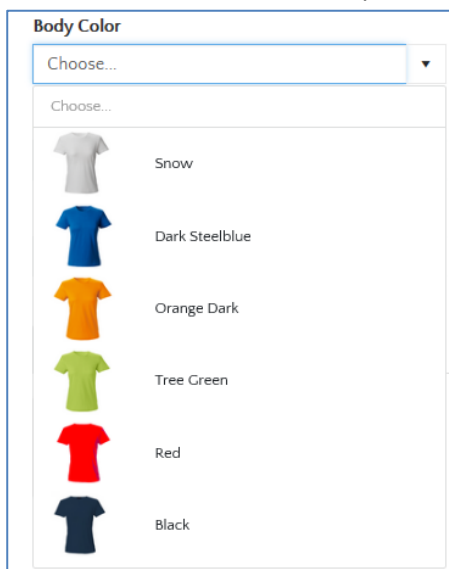


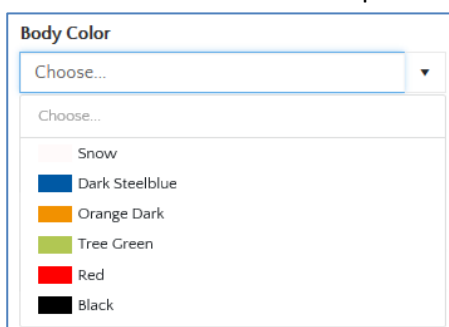
Image and Text

The VarDim variants will be represented as variant image and text on portal product page



RGB and Text

The VarDim variants will be represented as a variant color and text on portal product page



Other options will show only text in this version.

MINIMUM VALUE

If **Type** is set to *Slider*, then it is required to specify a minimum value. For example -4 and -2 on picture below:

Polo Shirt Private Label
(Suggested Retail Price 39.00)

Master no. 2180

Body

Sleeve

Pocket

Collar

Logo

Embroidery

Size Specifications

Body Length Deviations (cm)

-4
-2
0
2
4

Sleeve Length Deviations (cm)

-2
-1
0
1
2

MAXIMUM VALUE

If **Type** is set to *Slider*, then it is required to specify a minimum value. For example, 4 and 2 on picture below:

Polo Shirt Private Label
(Suggested Retail Price 39.00)

Master no. 2180

Body

Sleeve

Pocket

Collar

Logo

Embroidery

Size Specifications

Body Length Deviations (cm)

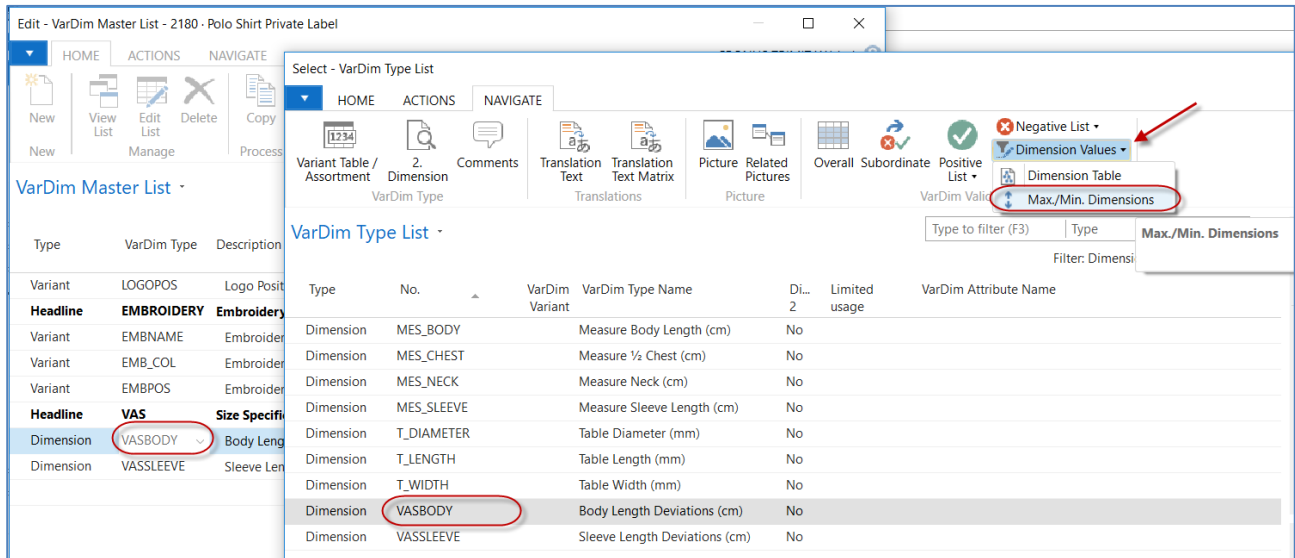
-4
-2
0
2
4

Sleeve Length Deviations (cm)

-2
-1
0
1
2

NOTE:

Maximum and Minimum values can be overwritten from the VarDim type list as shown on the screenshot below

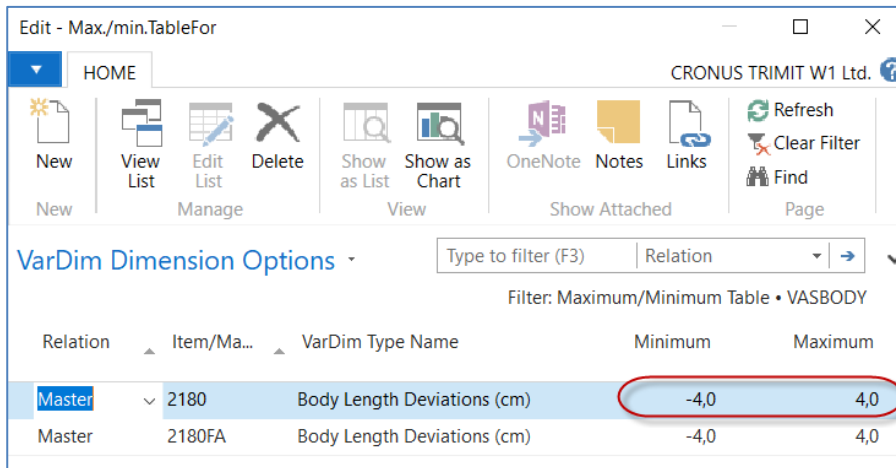


VarDim Master List - 2180 - Polo Shirt Private Label

VarDim Type List

Type	No.	VarDim Variant	VarDim Type Name	Di...	Limited usage	VarDim Attribute Name
Dimension	MES_BODY		Measure Body Length (cm)	No		
Dimension	MES_CHEST		Measure 1/2 Chest (cm)	No		
Dimension	MES_NECK		Measure Neck (cm)	No		
Dimension	MES_SLEEVE		Measure Sleeve Length (cm)	No		
Dimension	T_DIAMETER		Table Diameter (mm)	No		
Dimension	T_LENGTH		Table Length (mm)	No		
Dimension	T_WIDTH		Table Width (mm)	No		
Dimension	VASBODY		Body Length Deviations (cm)	No		
Dimension	VASSLEEVE		Sleeve Length Deviations (cm)	No		

Values specified – this corresponds to demo setup.



Edit - Max./min.TableFor

CRONUS TRIMIT W1 Ltd.

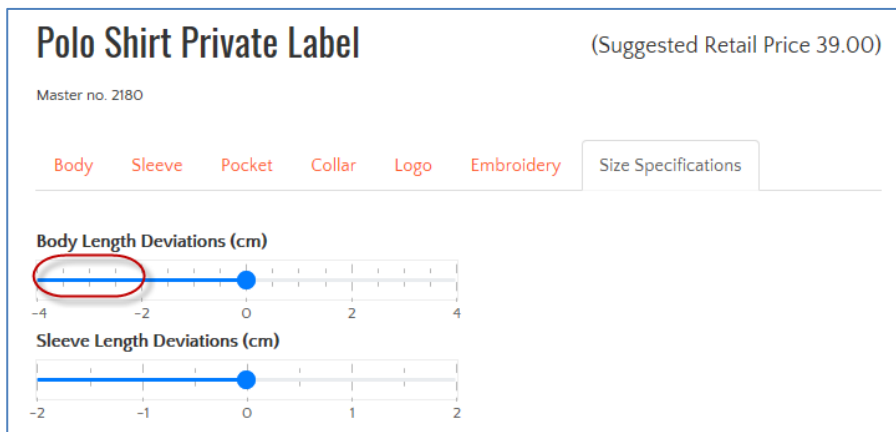
VarDim Dimension Options

Filter: Maximum/Minimum Table • VASBODY

Relation	Item/Ma...	VarDim Type Name	Minimum	Maximum
Master	2180	Body Length Deviations (cm)	-4,0	4,0
Master	2180FA	Body Length Deviations (cm)	-4,0	4,0

INTERVAL

If **Type** is set to *Slider*, then it is required to specify a value for the Interval. For example, "0,5" on picture below:



Polo Shirt Private Label (Suggested Retail Price 39.00)

Master no. 2180

Body Sleeve Pocket Collar Logo Embroidery Size Specifications

Body Length Deviations (cm)

Sleeve Length Deviations (cm)

CUSTOM ATTRIBUTE

Custom code that can be transferred to portals and utilizes by portal developers while creating portal controls.

NOTE:

Since configured and added to basket the visual configured item cannot be edited from the basket because a new item number has already been created for this configuration.

WEB GROUPING

Web grouping is used for splitting the master information into logical areas and displaying this information in tabs on portal product page. Available options *Group 1 – Group 10* and *Hide*. Changing this value requires only portal page reload to see the change.

Edit - VarDim Master List - 2180 · Polo Shirt Private Label

HOME

ACTIONS

NAVIGATE

CRONUS TRIMIT W1 Ltd.

New

View List

Edit List

Delete

Copy

Show as List

Show as Chart

OneNote

Notes

Links

Refresh

Clear Filter

Find

New

Manage

Process

View

Show Attached

Page

VarDim Master List

Type to filter (F3)

Type

Filter: Master • 2180

Type	VarDim Type	Description	Search Method	VarDim Type Placement i...	Con... Inhe...	Di... 2	Portal Control Setup	Web Grouping
Headline	BODY	Body	O/S (Overlyi...		☐	No		Group 1
Variant	COLOR_1	Garment Colors	O/S (Overlyin...	Variant 1	☐	No	RGB_TEXT	Group 1
Variant	SIZE_1	Sizes XS/XXL	O/S (Overlyin...	Variant 2	☐	No		Group 1
Headline	SLEEVE	Sleeve	O/S (Overlyi...		☐	No		Group 2
Variant	SLEEVE_LEN	Sleeve Length	O/S (Overlyin...		☐	No	DROPD_TEXT	Group 2
Variant	SLEEVE_COL	Sleeve Color	O/S (Overlyin...		☐	No	RGB_TEXT	Group 2
Headline	POCKET	Pocket	O/S (Overlyi...		☐	No		Group 3
Variant	POCKETS	Pocket Number and Position	O/S (Overlyin...		☐	No	DROPD_WIT...	Group 3
Variant	POCKET_COL	Pocket Color	O/S (Overlyin...		☐	No	RGB_TEXT	Group 3
Headline	COLLAR	Collar	O/S (Overlyi...		☐	No		Group 4
Variant	COLLARTYPE	Collar Type	O/S (Overlyin...		☐	No	DROPD_WIT...	Group 4
Variant	COLLAR_COL	Collar Color	O/S (Overlyin...		☐	No	RGB_TEXT	Group 4

And this is the presentation on portal product page. In this case VarDim type **Body** is a header and has two sub VarDim types *Garment Colors* and *Sizes XS/XXL*. Garment Color is a drop-down field on the product page but Sizes XS/XXL is represented as a matrix with sizes for the selected in Garment Colors color value

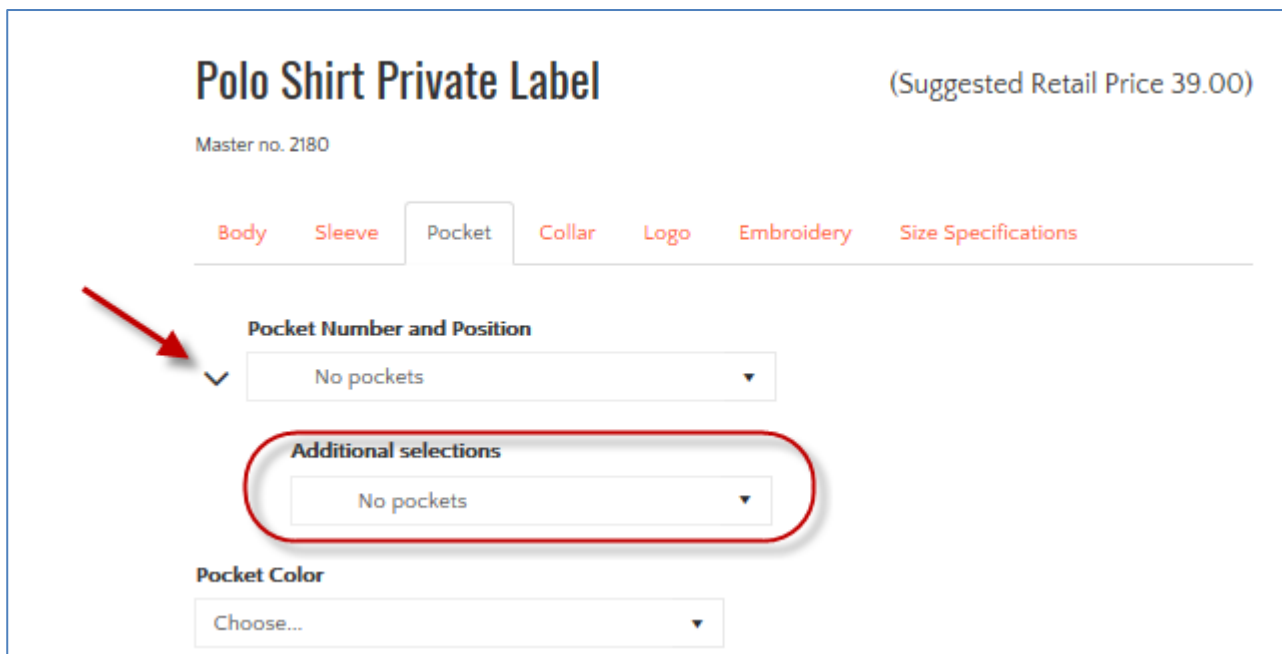


Size matrix with the selected color:

On	XS	S	M	L	XL	XXL
 Red 70						

USE OF DIMENSIONS AND COMMENTS

On the **VarDim Master List** page, under ribbon *Navigate*, by clicking action **2. Dimension** - it is possible to create VarDim type sublevels. For example, like on this product page:



Dimensions are bound to parent control and have the same VarDim variants. Dimensions are meant to be used for sub selections under the main product.

This can be done through **2. Dimension** and **3. Dimension** for the VarDim type:

Edit - VarDim Master List - 2180 · Polo Shirt Private Label

HOME ACTIONS NAVIGATE

Card

Variant Table

Comments

Show Formula VarDim

Picture

Related Pictures

VarDim Master
Picture

VarDim Master List

Type	VarDim Type	Description
Headline	BODY	Body
Variant	COLOR_1	Garment Colors
Variant	SIZE_1	Sizes XS/XXL
Headline	SLEEVE	Sleeve
Variant	SLEEVE_LEN	Sleeve Length
Variant	SLEEVE_COL	Sleeve Color
Headline	POCKET	Pocket
Variant	POCKETS	Pocket Number and Position
Variant	POCKET_COL	Pocket Color

Edit - VarDim Multiple Dimensions - POCKETS

HOME NAVIGATE

Delete

Refresh

Find

Manage

Page

Permanent or Optional	Position 1	Position Name	Dimension
W (Optional with Default)	DEMO	Additional selections	No

VARDIM MASTER CARD

VarDim master card has a section **Portal** with three fields **Calculation**, **Portals Control Setup** and **Web Grouping**.

Edit - VarDim Master Card - Master · 2180 · 5000

HOME

View

Edit

New

Delete

OneNote

Notes

Links

Refresh

Clear Filter

Go to

Previous

Next

Manage
Show Attached
Page

Master · 2180 · 5000

General

VarDim Type: BODY

Description: Body

Relation: Master

Miscellaneous Parameters

Type: Headline

Search Method: O/S (Overlyin...

Consistent Inheritance:

VarDim Type Placement in Item No.:

Grouping: Sales 1

Search Unit Price Adjustment: No

Skip Insert VarDim Order:

Skip Recalculation of Related Order:

VarDim Variant: 0

Formula Calculation

Calculate Price and Formulas Initially: Yes

Price and Formula Calculation VarDim: Online

Recalculate:

Formula VarDim Item:

Formula VarDim Sales:

Formula VarDim Production:

Formula VarDim Purchase:

Portal

Calculation: Yes

Portal Control Setup:

Web Grouping: Group 1

OK

DESCRIPTION OF RELATED VARDIM MASTER CARD FIELDS

CALCULATION

Value in this field (Yes or No) decides on whether to do a callback when changing the corresponding value on the product page. The callback is done, when set to Yes, from Portal to TRIMIT in order to update the page with related information such as changing a color of the product on the image, showing additional price, formula calculation etc. If set to No, then portal does not do a callback and product page will not be updated with the additional information form TRIMIT even if relevant setup has been done.

If there is no need to perform any kind of additional data fetching or formula(i) calculation in TRIMIT, then it is recommended to keep the value of this field to No, as this has affect on portals performance.

PORTAL CONTROL SETUP

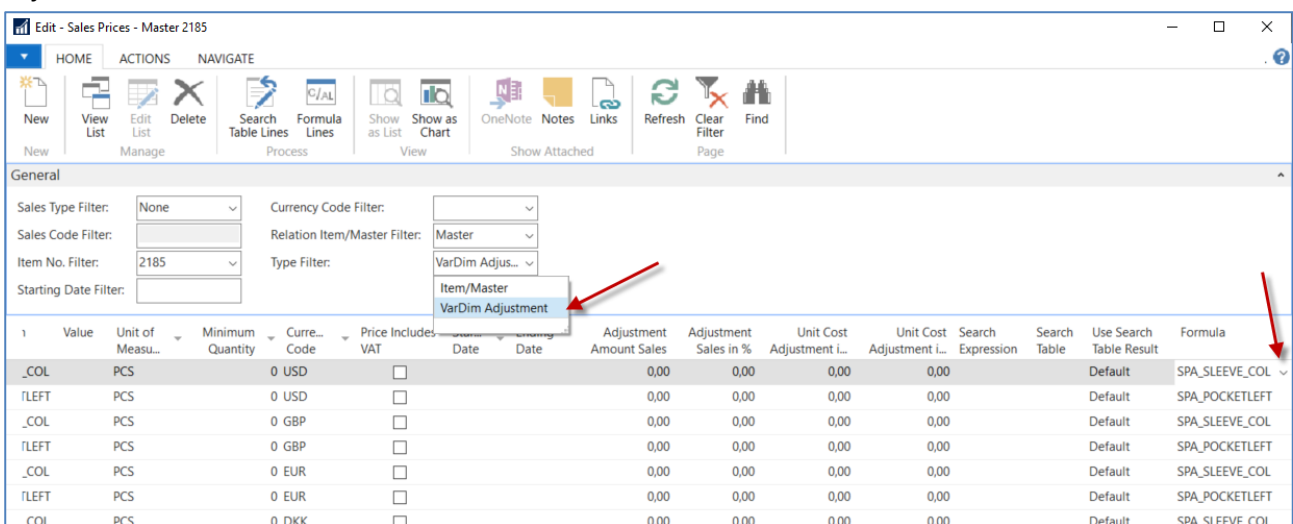
This field defines how the variant selection is represented on portals product page

WEB GROUPING

This field is used for splitting the master information into logical areas and displaying this information in tabs on portal product page

ADDITIONAL PRICE FOR CONFIGURABLE ITEM

To be able to set additional extra price per variant for visual configuration item it is necessary to go to visual configuration item price list (Sales Prices). On Sales Prices page change **Type Filter** to option *VarDim Adjustment*.



1	Value	Unit of Meas...	Minimum Quantity	Curre... Code	Price Includes VAT	Date	Date	Adjustment Amount Sales	Adjustment Sales in %	Unit Cost Adjustment i...	Unit Cost Adjustment i...	Search Expression	Search Table	Use Search Table Result	Formula
	._COL	PCS	0	USD	☐			0,00	0,00	0,00	0,00			Default	SPA_SLEEVE_COL
	lLEFT	PCS	0	USD	☐			0,00	0,00	0,00	0,00			Default	SPA_POCKETLEFT
	._COL	PCS	0	GBP	☐			0,00	0,00	0,00	0,00			Default	SPA_SLEEVE_COL
	lLEFT	PCS	0	GBP	☐			0,00	0,00	0,00	0,00			Default	SPA_POCKETLEFT
	._COL	PCS	0	EUR	☐			0,00	0,00	0,00	0,00			Default	SPA_SLEEVE_COL
	lLEFT	PCS	0	EUR	☐			0,00	0,00	0,00	0,00			Default	SPA_POCKETLEFT
	._COL	PCS	0	DKK	☐			0,00	0,00	0,00	0,00			Default	SPA_SLEEVE_COL

Here it is possible to set prices directly in the column **Value** or create a formula in column **Formula**. Then under ribbon Navigate (page **Sales Prices**) click **Formula Processing/Formula Lines** and it will be possible to see the formula calculation.

In **Expression** column – input actual additional price, and column **Condition** has an additional price calculation condition (image below).

View - Formula Lines									
HOME ACTIONS NAVIGATE									
New	View List	Edit List	Delete	Show as List	Show as Chart	OneNote	Notes	Links	Refresh
New	Manage			View		Show Attached	Clear Filter	Find	Page
Formula Lines						Type to filter (F3)	Inactive		
No filters applied									
General									
Show only Formula Lines with Errors: ☐ Formula Type Filter:									
Inac...	Formula Type	Action in Formula	Table ID	Expression	Result	Condition	Stop Condition	Stop with	OK
☐	Temporary F...		FORMULA NO.	SPA_POCKETLEFT [Table: Sales P...				Result	☐
☐	Temporary F...		TRIGGER	When the value in the field Adju...				Result	☐
☐	Temporary F...	Calculation				POCKETLEFT...	POCKETLEFT...	Skip	☐
☐	Temporary F...	Calculation	2		POCKETLEFT[...	(COLOR_1<>...		Result	☐
☐	Temporary F...	Calculation	20		POCKETLEFT[...	(COLOR_1<>...		Result	☐

Portals theme value **HidePriceAdjustment** can show (when set to *TRUE*) or hide (when set to *FALSE*) the additional price for configurable item variants product details page.

MASTER CARD (VARDIM FASTTAB)

The previous chapters described the control setups. This section describes the actual product visual configuration setup. This means that changing the values on the controls on the product page takes affect on the product image. E.g. if a t-shirt consists of three components - body, sleeves and a pocket then by selecting colors in the controls it is possible to compose a customized t-shirt and instantly display it for a customer. In addition, a logo or a free text can be placed on the product.

NOTE:

All the visual configuration images are managed in PIR. Only color variants, when used color replace functionality, are taken from TRIMIT.

Front
Back
Left
Right



T-Shirt Customized Sleeve/Pocket Color

14.00 GBP (Suggested Retail Price 29,90)

Master no. 2185

Body Color
Tree Green

Sleeve Color
Grey +2,00 GBP

Left Pocket Color
Orange +2,00 GBP

Logos Text

TRIMIT

Upload new logo

Master card has a field **Visual Configuration Code** under fast tab **VarDim**. Drilling down opens a **Visual Configuration Setup** page.

VISUAL CONFIGURATION SETUP

Visual configuration setup page has two columns **Code** and **Description**. Description of the columns is below.

Edit - Master Card - 2185 - T-Shirt Customized Sleeve/Pocket Color

HOME ACTIONS NAVIGATE REPORT

View New Delete Manage Bill of Materials Composition Care Label Additional Info Measurement Chart Workflow Additional Comments Copy Master by Wizard Maintain Master by Wizard Copy Values VarDim Master Attributes Collections Item List Inventory Profile Image Management Product Information (PIR) Statistics

2185 - T-Shirt Customized Sleeve/Pocket Color

General Invoicing Foreign Trade Sale Costs Planning Misc. VarDim

VarDim Relation: Master
VarDim Relation No.:
Sequence No. Counter:
Match Search: No
Visual Configuration Code: 2185
Matrix/Assortment List
Matrix Relation: Yes
Assortment Matrix Relation: No

Packaging / Measurement

Select - Visual Configuration Setup

HOME NAVIGATE

Views Layer View Layer Relation New View List Edit List Delete Show as List Show as Chart OneNote Notes Links Refresh Clear Filter Find

Visual Configuration Setup

Type to filter (F3) Code No filters applied

Code	Description
2100	color replacement setup for 2100
2185	Color Replacement Setup for 2185
3205	Color Parts Setup for 3205

DESCRIPTION OF VISUAL CONFIGURATION SETUP COLUMNS

CODE

Specify free code value that could be meaningful and product related

DESCRIPTION

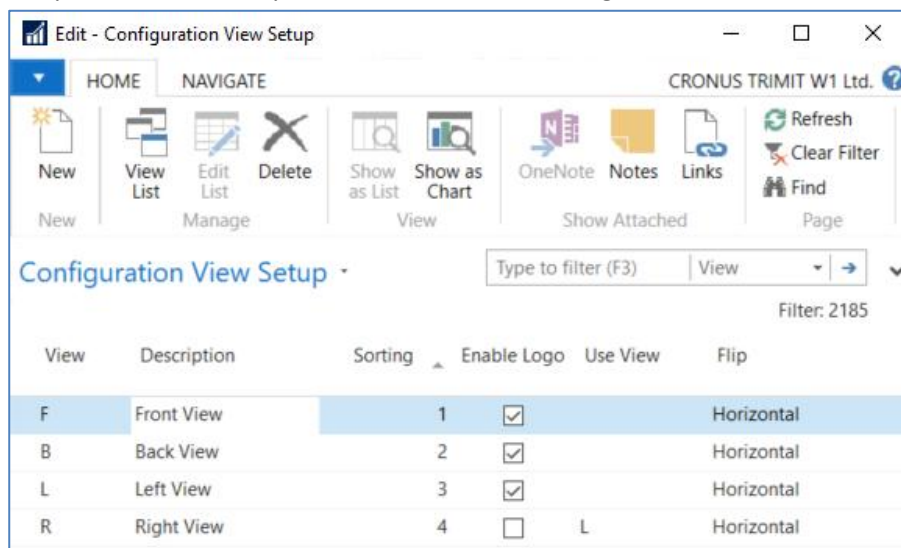
Specify a visual configuration setup description.

The page has configuration related action on ribbon *Home*. The actions are described below.

DESCRIPTION OF VISUAL CONFIGURATION SETUP ACTIONS

VIEWS

Clicking Views action on Visual Configuration Setup page opens a new page **Configuration View Setup**. Here it is possible to create product view dimensions e.g. front view, back view left view etc.



View	Description	Sorting	Enable Logo	Use View	Flip
F	Front View	1	☒		Horizontal
B	Back View	2	☒		Horizontal
L	Left View	3	☒		Horizontal
R	Right View	4	☐	L	Horizontal

The description of the page columns is below.

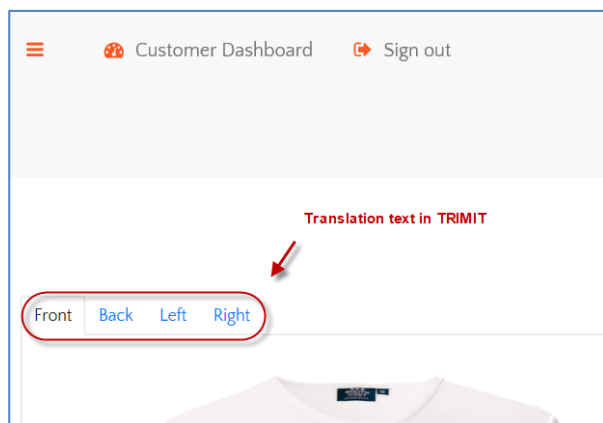
DESCRIPTION OF CONFIGURATION VIEW SETUP COLUMNS

VIEW

This is a code field. The value here can be related to a view name and be e.g. "F" for front view of the product

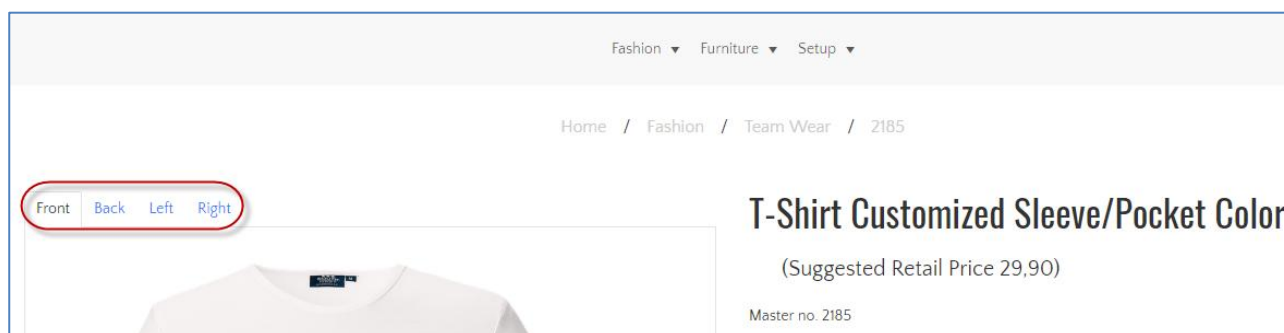
DESCRIPTION

Description of the view. Use *Translation Text* action under **Navigation** ribbon in order to set view names. Description column from the translation will be used on portals product page.



SORTING

Sorting affect the way configuration views are presented on portal product page and on layer images page in PIR.



ENABLE LOGO

If this column has a value *TRUE*, then it will be possible to place a logo on the corresponding view. If the value is *No*, then it will not be possible to place a logo on the corresponding product view.

USE VIEW

If a certain view needs to be reused as in case with a view from left and right where, a view from left can be flipped horizontally and used as a view from right. Select a code value from column **View** in order to reuse a view.

FLIP

Available values *Horizontal* and *Vertical*. In case when column **Use View** has a value then the value in column **Flip** takes effect. The flip can be made horizontally, i.e. from right to left, or vertically, i.e. from top to bottom. On the image below, it is shown that right and left views use the same flipped image.



LAYERS

Each product view can have multiple layers. E.g. in a case with t-shirt a front view can have body layer, pocket layer and sleeves layer. Layer images can be placed on each other on portal product page and in such a way it is possible to select different colors for different layers and create a customized product.

Edit - Configuration Layer Setup					
CRONUS TRIMIT W1 Ltd. ?					
New	View List	File Mask	Show as List	OneNote	Refresh
New	Edit List	Process	Show as Chart	Notes	Clear Filter
Manage	Delete		View	Links	Find
				Show Attached	Page
Configuration Layer Setup		Type to filter (F3)	Layer Code		Filter: 2185
Layer Code	Description	Sorting	Color Replace	File Mask	
BODY	Body Color (COLOR_1)	1	☒	Yes	
SLEEVES	Sleeves Color (SLEEVE_COL)	2	☒	Yes	
POCKET	Pocket Color (POCKETLEFT)	3	☒	Yes	

DESCRIPTION OF CONFIGURATION LAYER SETUP COLUMNS

LAYER CODE

Specify a meaningful layer code, e.g. BODY, SLEEVES etc.

DESCRIPTION

Specify a layer description

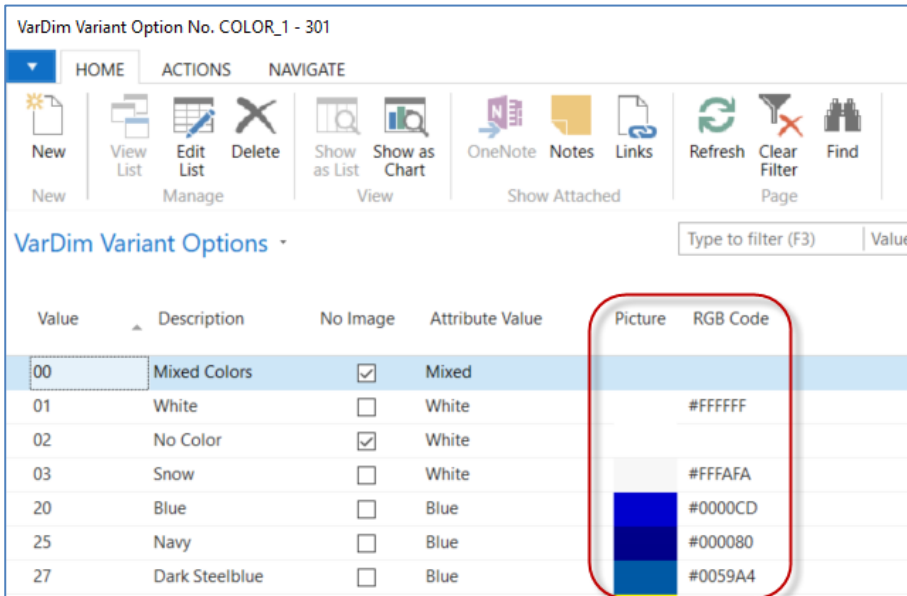
SORTING

Specify sorting, e.g. from 1 to 9 ascending and from 9 to 1 descending. The sorting here defines the logical placement of the layers for the product. E.g. if a t-shirt consists of body, sleeves and pocket layers then body should be a first layer (sorting - 1), sleeves a second layer (sorting - 2) and pocket a third layer (sorting

– 3). If sorting does not adhere the logical layering, then the product image may not be visible on portals product page.

COLOR REPLACE

This is a Boolean field. Setting the value to *TRUE* means that color image is taken from the VarDim variant colors in TRIMIT.



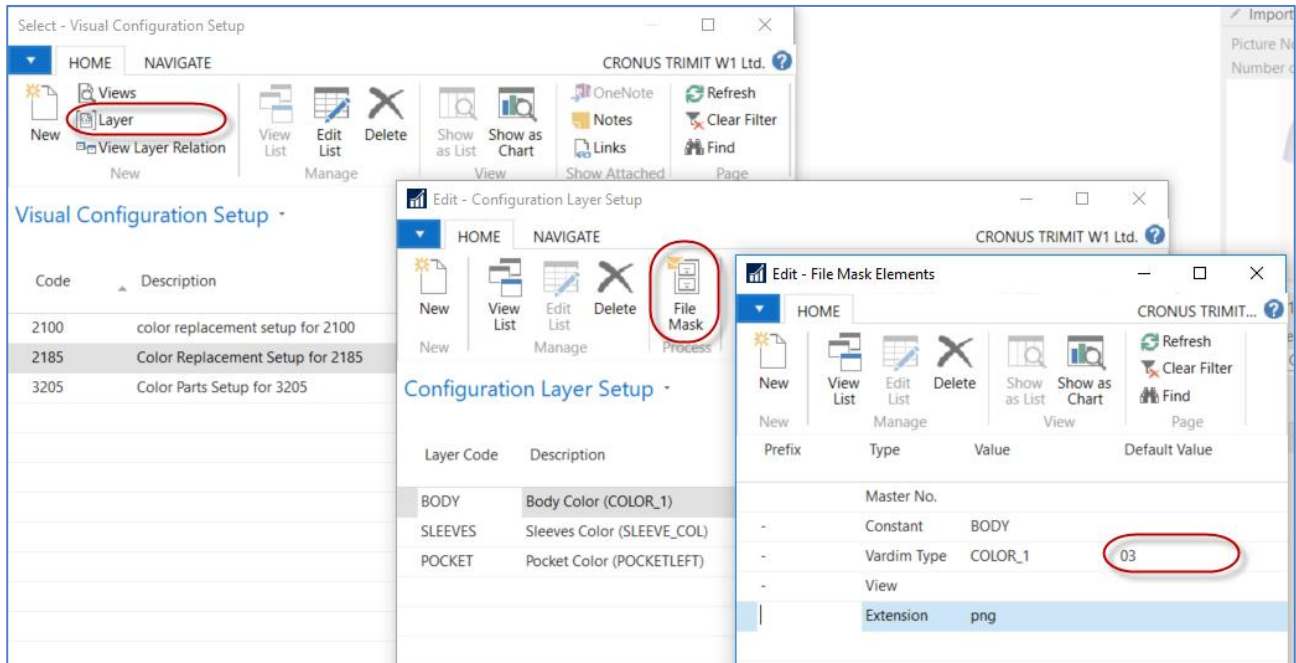
Value	Description	No Image	Attribute Value	Picture	RGB Code
00	Mixed Colors	☒	Mixed		
01	White	☐	White		#FFFFFF
02	No Color	☒	White		
03	Snow	☐	White		#FFFAFA
20	Blue	☐	Blue		#0000CD
25	Navy	☐	Blue		#000080
27	Dark Steelblue	☐	Blue		#0059A4

Then this color will be used for replacement of the base color (the base color is set in **Default Value** column on **File Mask Elements** page, see image below) of the layer image. In this situation it is not needed to upload all color combinations for all the layers (this is normally done in TRIMIT PIR portal on master Layer images page).

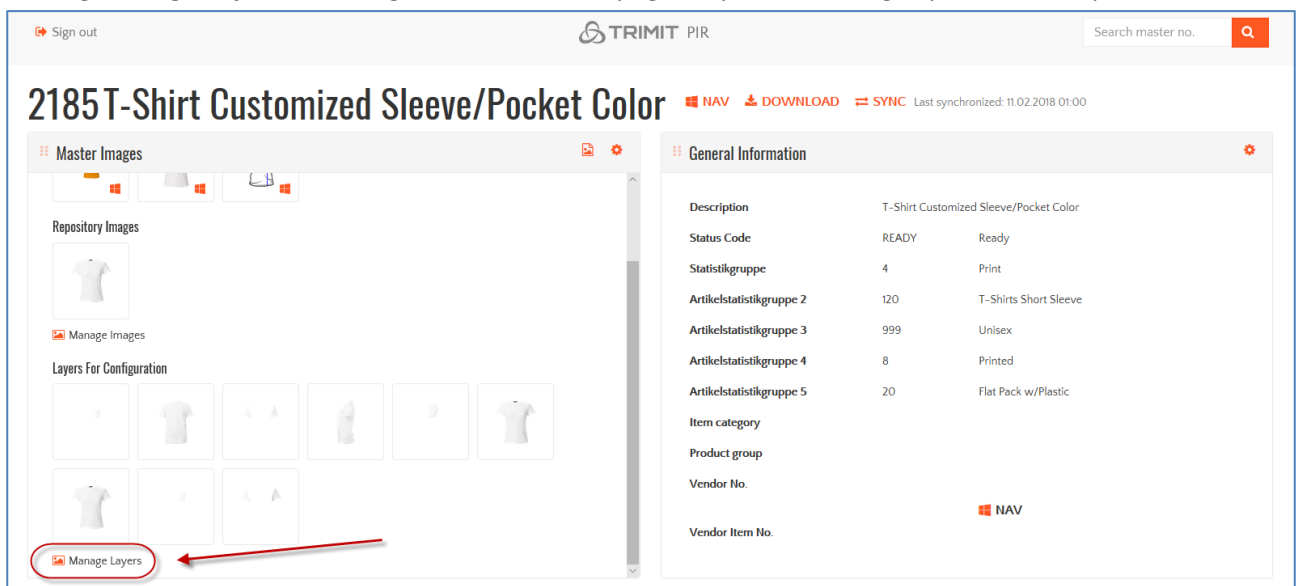
It is only needed to upload a base layer image (in TRIMIT PIR portal on master Layer images page) and relate it to VarDim type with variants (**VarDim Type** column on **VarDim Master** page in TRIMIT). Then during the color selection on the portal product page – color will be shaped for the specific layer element and replaced by the system automatically.

If the value in this column (**Color Replace**) is set to *FALSE*, then this indicates that visual configuration runs without color replacement and then it is required to upload all layer images with color variants to **Layer Images** page in PIR, like in case with item 3205 in a demo company (see image of **Extra layers images** page further in this document).

*This column (**Color Replace**) does not have any effect on configuration, it can only INDICATE whether or not system runs with color replace, but has to be set manually. What has affect is value in **Default Value** field in **File Mask Elements** (image below).*



Page **Layer Images** in TRIMIT PIR (can be accessed by opening PIR portal, selecting a needed master and clicking **Manage Layers**, see image below) will always guide you what images you need to upload.



Here is an example when **Color Replace** set to **FALSE** then PIR page **Layer Images** looks like this – all layer color variants need to be uploaded:

Sign out
TRIMIT PIR
Search master no.

Extra layers images

FRONT		3205.png	Upload new picture	
INNER		3205-INNER-20.png	Upload new picture	
INNER		3205-INNER-60.png	Upload new picture	
INNER		3205-INNER-85.png	Upload new picture	
OUTER		3205-OUTER-20.png	Upload new picture	
OUTER		3205-OUTER-60.png	Upload new picture	
OUTER		3205-OUTER-85.png	Upload new picture	
PILLOW		3205-PILLOW-20.png	Upload new picture	

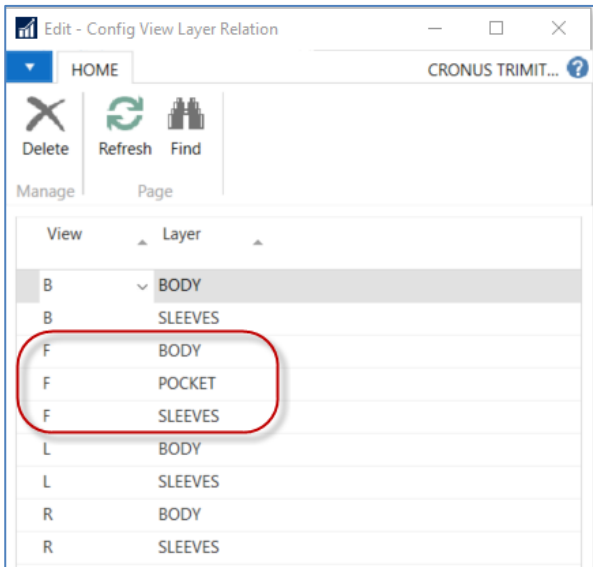
If **Color Replace** is set to **FALSE**, then it is not possible to select a color in **Default Value** column on **File Mask Elements** page.

FILE MASK

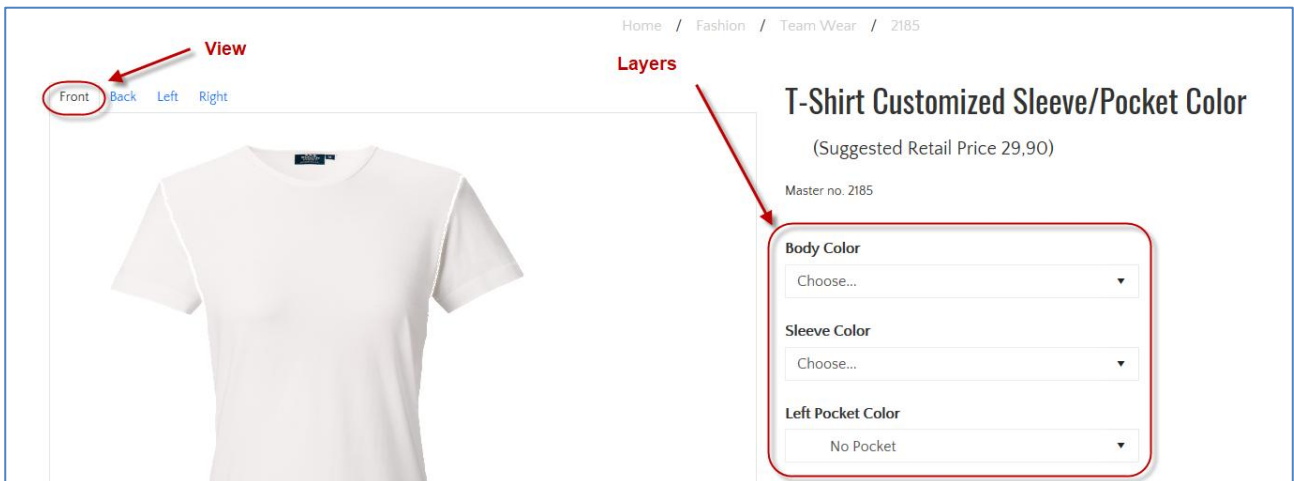
Page **Configuration Layer Setup** has an action **File Mask** in ribbon **Home** and **Navigate**. This action opens a page **File Mask Elements**. Here it is possible to setup image file name templates so that system can manage layer images correctly. Read more about this in section File Masking.

VIEW LAYER RELATIONS

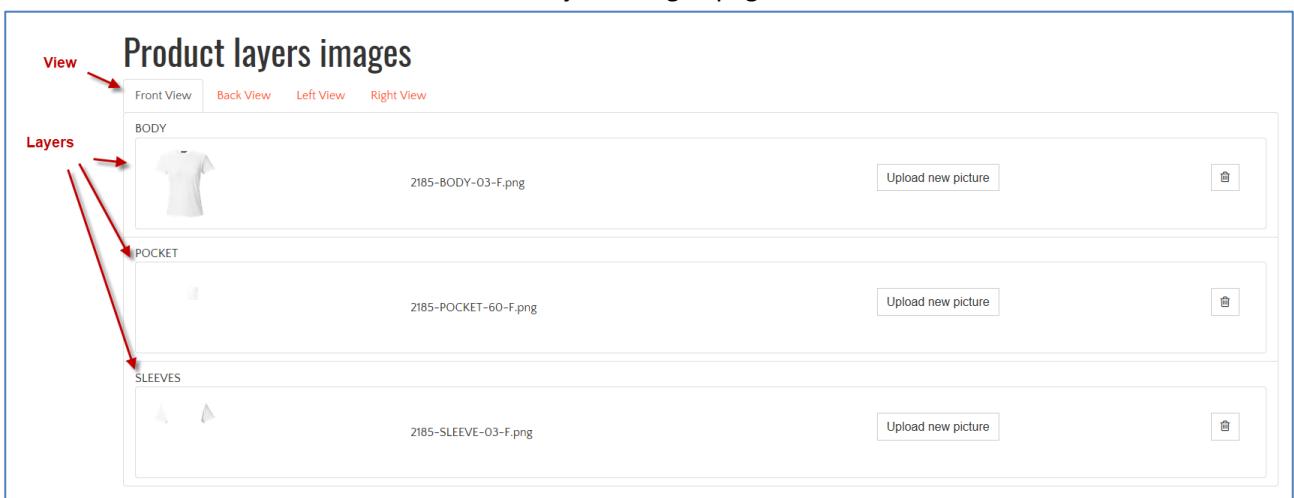
Opens a page **Config View Layer Relation** where it is possible to select a view and assign a layer. E.g. front view for a t-shirt can have body, sleeves and pocket layers related:



This is how it is reflected on Portals product page:



And this is how it is reflected on PIR **Product Layers Images** page:



CATEGORY SETUP

Configurable item has to have **Visual Configuration** set to Yes in category Lines

Logo Placement has to be also considered on Category Lines.

Handle Item as set to *Matrix with Configuration*

Edit - Category Lines - B2B_CONF									
HOME NAVIGATE									
New	View List	Edit List	Delete	Show as List	Show as Chart	OneNote	Notes	Links	Refresh
New	Manage			View		Show Attached			Clear Filter
									Find
Category Lines									
Type	No.	Matrix Limitation	Description	Logo Placement	Visual Configuration	Handle Item as	Configuration filters Y-axis	Category Lines	Filter Delivery Period
Matrix	2180		Polo Shirt Private Label	No	No	Matrix With Configuration	Yes	No	
Matrix	2185		T-Shirt Customized Sleeve/Pocket Color	Yes	Yes	Matrix With Configuration	Yes	No	
Matrix	2100		T-Shirt	No	Yes	Matrix With Configuration	Yes	No	

VARDIM VARIANT OPTION SETUP

VarDim Variant Option page has two visual configuration related columns. These columns are **No Image** and **RGB Code**. The description is below.

VarDim Variant Option No. COLOR_1 - 301					
HOME ACTIONS NAVIGATE					
New	View List	Edit List	Delete	Show as List	Show as Chart
New	Manage			View	
				Show Attached	
					Refresh
					Clear Filter
					Find
VarDim Variant Options					
Type to filter (F3)				Value	
Filter: 301					
Value	Description	No Image	Attribute Value	Picture	RGB Code
00	Mixed Colors	☒	Mixed		
01	White	☐	White		#FFFFFF
02	No Color	☒	White		
03	Snow	☐	White		#FFFAFA
20	Blue	☐	Blue		#0000CD

DESCRIPTION OF VARDIM VARIANT OPTION PAGE COLUMNS

NO IMAGE

This is a Boolean field. Setting value to *TRUE* means that there should not be used an image for this variant option, e.g. by default (e.g. Pocket image is not shown by default when open product 2185 page on portal).

RGB CODE

This value should be typed in manually and correspond to a color

FILE MASKING

The file masking functionality is created for the purpose of finding images on portals. More application areas will be available in future versions.

CONDITIONS FOR USING FILE MASK

If you do not setup a file mask the system will automatically create the file mask under the normal file naming conventions, e.g.

[Master No.]-[variant 1].jpg

Or

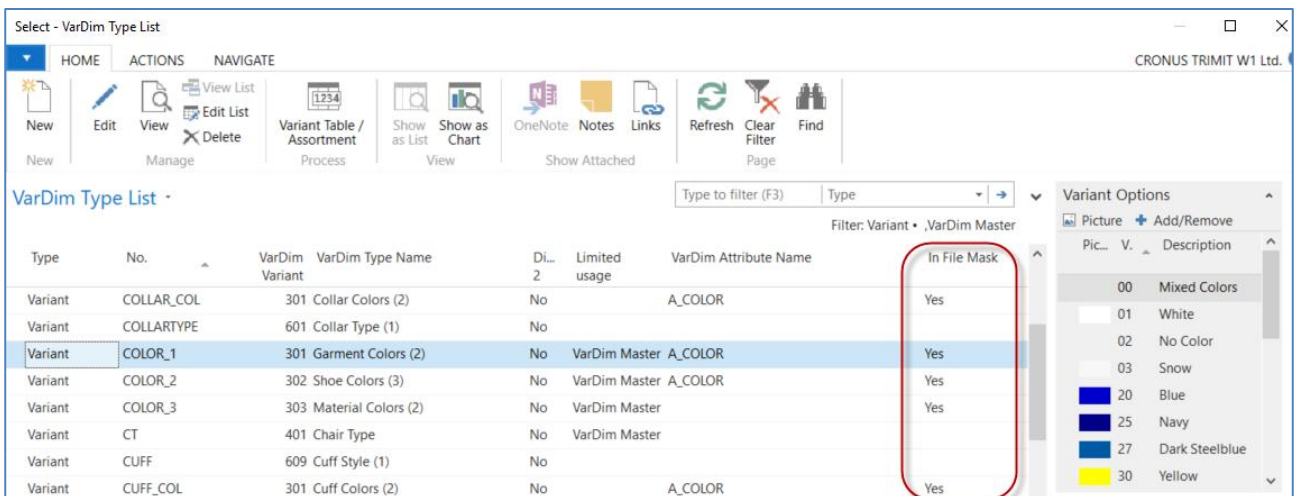
[Master No.].jpg

This means the system is fully backwards compatible.

FILE MASK SETUP

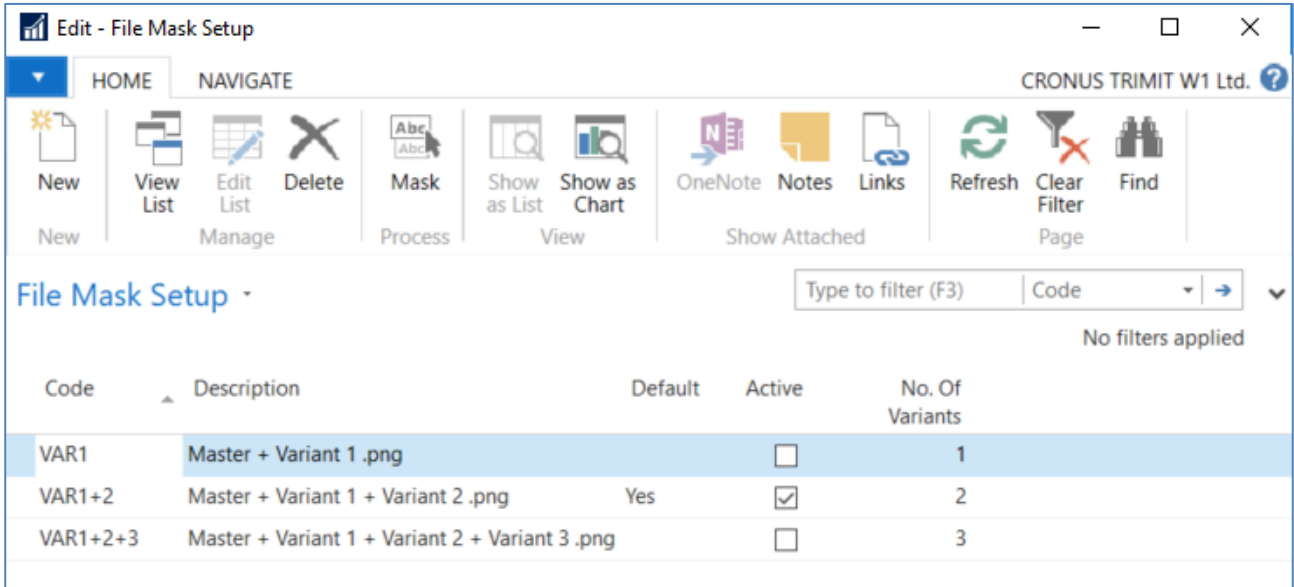
If there is a need to support a different setup or have a mix of masters which use 1 or 2 variants in the file format, then it is required to setup the following.

On the VarDim type created in the system, you will have to mark which potentially can go into a file mask, e.g. the color VarDim type. You can have several different VarDim types that may be in a file mask.



Type	No.	VarDim Variant	VarDim Type Name	Di... 2	Limited usage	VarDim Attribute Name	In File Mask
Variant	COLLAR_COL	301	Collar Colors (2)	No		A_COLOR	Yes
Variant	COLLARTYPE	601	Collar Type (1)	No			
Variant	COLOR_1	301	Garment Colors (2)	No	VarDim Master	A_COLOR	Yes
Variant	COLOR_2	302	Shoe Colors (3)	No	VarDim Master	A_COLOR	Yes
Variant	COLOR_3	303	Material Colors (2)	No	VarDim Master		Yes
Variant	CT	401	Chair Type	No	VarDim Master		
Variant	CUFF	609	Cuff Style (1)	No			
Variant	CUFF_COL	301	Cuff Colors (2)	No		A_COLOR	Yes

Having done that it is then required to setup the different file masks that you need in your system. This setup can be done under **Departments/Portals/Setup/ConnectPortal/File Mask Setup**



Code	Description	Default	Active	No. Of Variants
VAR1	Master + Variant 1 .png		☐	1
VAR1+2	Master + Variant 1 + Variant 2 .png	Yes	☒	2
VAR1+2+3	Master + Variant 1 + Variant 2 + Variant 3 .png		☐	3

DESCRIPTION OF FILE MASK SETUP PAGE COLUMNS

CODE

The file mask consists of a file mask Setup Code. Create a meaningful code

DESCRIPTION

Description of the file mask setup

DEFAULT

You can mark which code is the default one. This means that if the system cannot detect a mask from the Master variants or other it will use this one. If a default is not set the system will auto create a default based on the conventions mentioned earlier

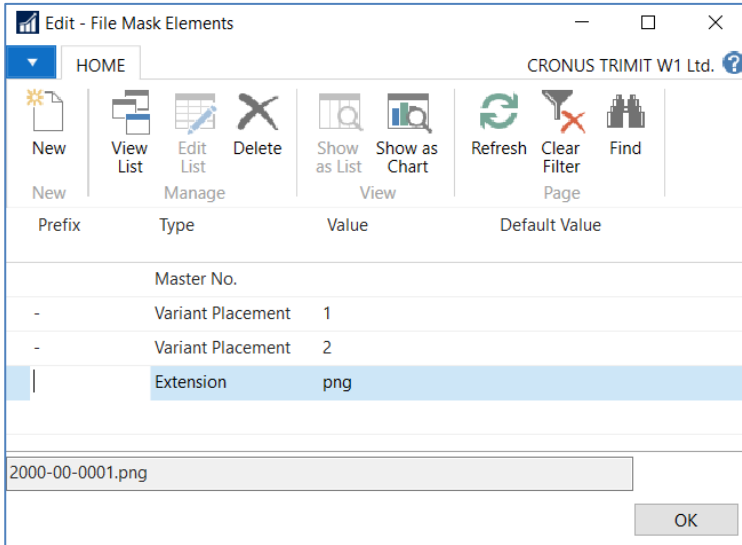
ACTIVE

This is a Boolean field. Set it to *TRUE* if file mask setup is active. Allows to work with file mask without taking it in use by the system, if set to *FALSE*

NO. OF VARIANTS

System automatically sets the number here which corresponds to a number of variants set in **File Mask Elements** page

Clicking **Mask** action in ribbon *Home* allows creation of the elements that go into the mask. Here is an example of file mask setup with two variants.



Prefix	Type	Value	Default Value
	Master No.		
-	Variant Placement	1	
-	Variant Placement	2	
	Extension	png	

2000-00-0001.png

OK

DESCRIPTION OF FILES MASK ELEMENTS PAGE COLUMNS

PREFIX

Is a free of choice divider between the elements in the mask. Dividers are essential when distinguishing the values. Set automatically by default to “-”

TYPE

Defines the content of the file place holder. Available options are *Master No.*, *Master Name*, *VatDim Type*, *Constant*, *Variant Placement*, *Variant Value*, *View*, *Portal Type*, *Extension*. The description is below.

Master No.

Sets master number, e.g. “2000”

Master Name

Sets master name, e.g. “Trouser Cotton”

VarDim Type

Sets VarDim type, e.g. “00”

Constant

Sets constant value, e.g. “demo”

Variant Placement

If this option is selected, then the output in file name will be based on value in field **VarDim Type**

Placement in Item No. on page **VarDim Master List** for item selected

Edit - VarDim Master List - 2180 - Polo Shirt Private Label

CRONUS TRIMIT W1 Ltd.

HOME ACTIONS NAVIGATE

New View List Edit List Delete Copy Show as List Show as Chart OneNote Notes Links Refresh Clear Filter Find

VarDim Master List

Type to filter (F3) Type

Filter: Master • 2180

Type	VarDim Type	Description	Search Method	VarDim Type Placement in Item No.	Consistent Inheritance	Dimensi...	Portal Control Setup	Web Grouping
Headline	BODY	Body	O/S (Overlyi...		☐	No		Group 1
Variant	COLOR_1	Garment Colors	O/S (Overlyi...	Variant 1	☐	Yes	RGB_TEXT	Group 1
Variant	SIZE_1	Sizes XS/XXL	O/S (Overlyi...	Variant 2	☐	No		Group 1
Headline	SLEEVE	Sleeve	O/S (Overlyi...		☐	No		Group 2
Variant	SLEEVE_LEN	Sleeve Length	O/S (Overlyi...		☐	No	DROPD_TEXT	Group 2

In this case only *Variant 1* and *Variant 2* (representing COLOR_1 and SIZE_1 VarDim types) will be available:

Edit - Configuration Layer Setup

CRONUS TRIMIT W1 Ltd.

HOME NAVIGATE

New View List Edit List Delete Show as List Show as Chart OneNote Notes Links Refresh Clear Filter Find

Configuration Layer Setup

Type to filter (F3) Layer Code

Edit - File Mask Elements

CRONUS TRIMIT W1 Ltd.

HOME

New View List Edit List Delete Show as List Show as Chart

Prefix Type Value

Master No.

Constant body

Variant Placement 2

View

Extension png

2000-body-0001-B.png

Microsoft Dynamics NAV

Variant 1

Variant 2

Variant 3

Variant 4

Variant 5

Variant 6

Variant 7

Variant 8

Variant 9

OK Cancel

Variant Value

The system will find the VarDim types that are marked **In File Mask** (in **VarDim Type List** page) and place the VarDim type **Name** in its place.

View

Will set a product view, i.e. *front, back, left, right*

Portal Type

Used for portal indication

Extension

Set the file extension, e.g. "png". Default value "jpg" is set automatically.

VALUE

The definition of the type

DEFAULT VALUE

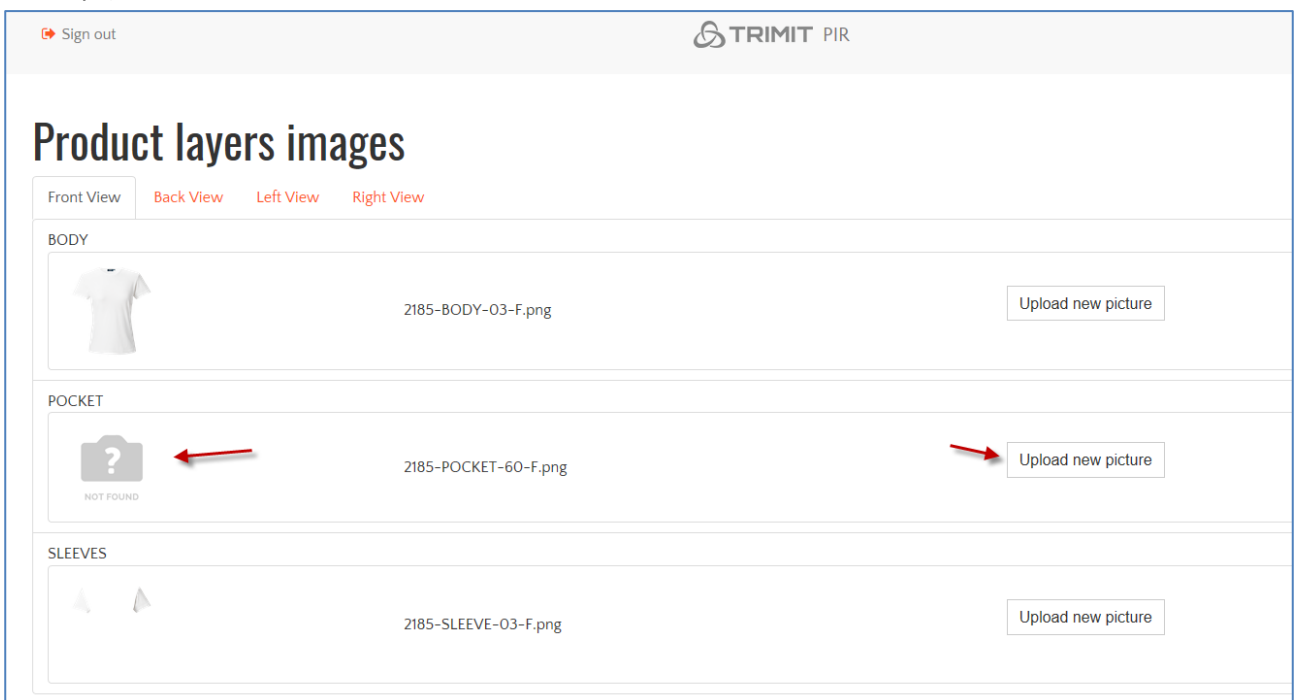
Is used only with Visual configuration setup. In case of using color replacement, this default value of the VarDim variant option is to be replaced by other available variant options when customer makes a selection on portal product page.

It is possible to see the outcome of the current file mask setup in the bottom of the **File Mask Element** page.

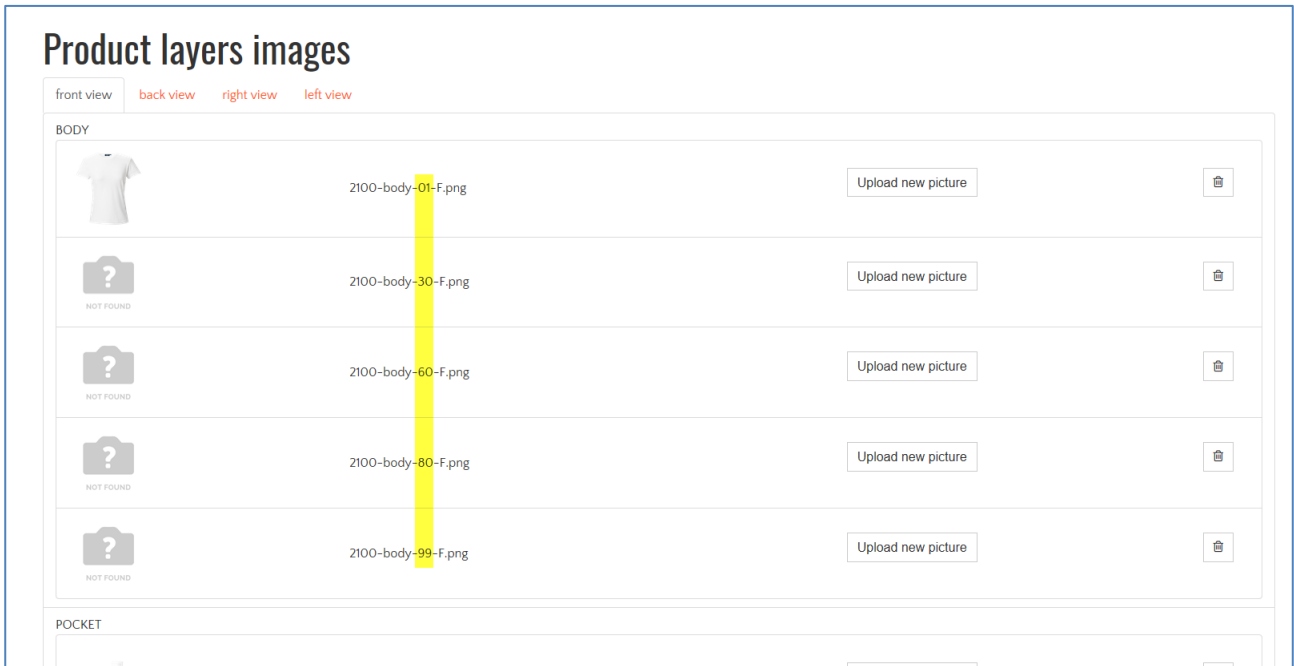
Default Value field for visual configuration setup

NOTE: if **Default Value** column on **File Mask Elements** page contains a value (color) that is not a part of the product matrix then corresponding product layer (in visual configuration) will not be shown on the portals product page.

NOTE: If **Default Value** column on **File Mask Elements** page gets a new value then it is needed to upload a new image for the corresponding product layer in the PIR. This is because the VarDim variant option in the file mask changes and image cannot be found any more (the old image with the old file mask is still saved in Modelyn)



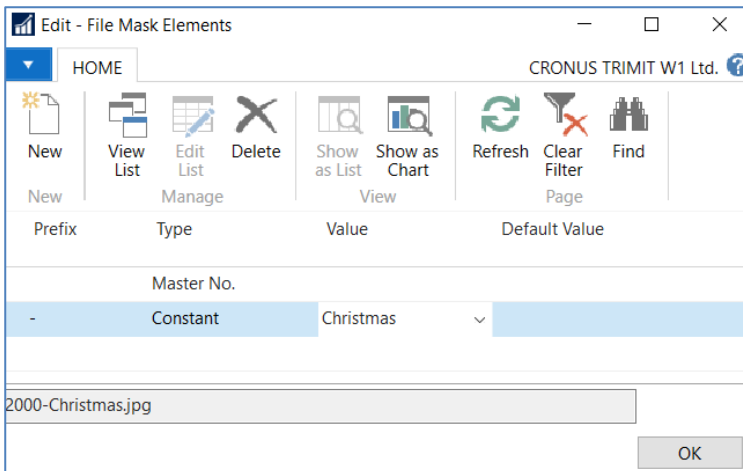
If **Default Value** column on **File Mask Elements** page does not have a value, then it will be needed to upload images to all VarDim variant options (colors) on **Product Layer Images** page in PIR. So, **Color Replace** column on **Configuration Layer Setup** works in combination with **Default Value** and **Color Replace** column is only for indication, but the main role is on the **Default Value**. Image below shows that according to the file mask, this product image file name includes a color VarDim type with the following variant options (colors): 01, 30, 60, 80, and 99. All these color images must be uploaded to this PIR page:



FILE MASK EXAMPLES

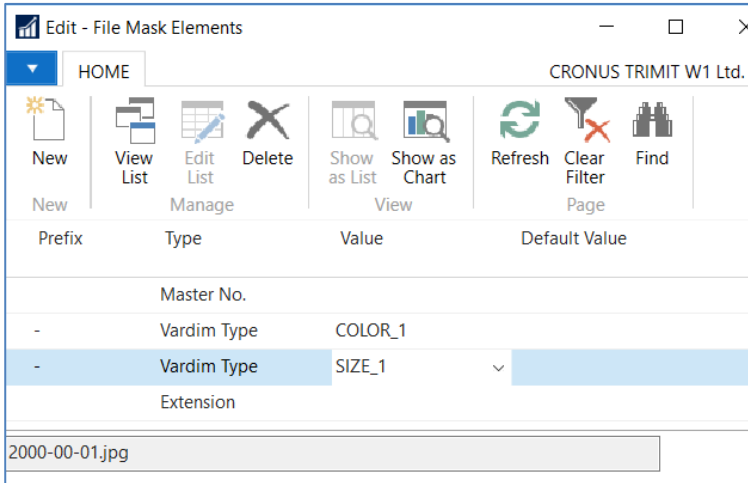
There are multiple ways of creating the mask you need. Here are described some of them.

Case 1 – simple setup



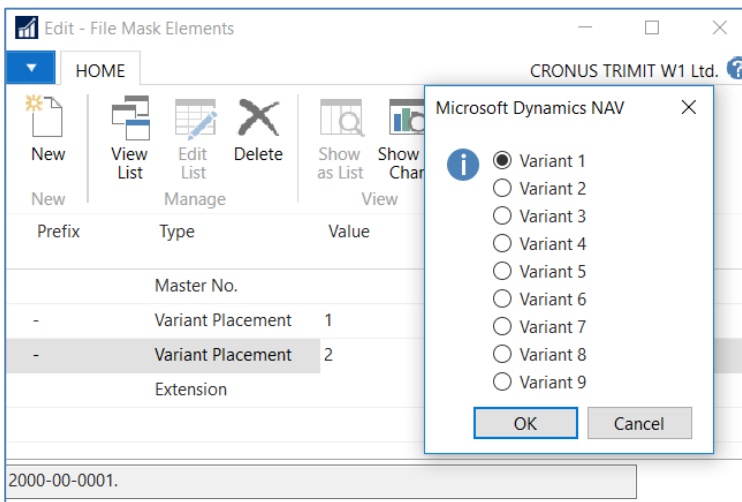
In this scenario we have a mask where the *Master No.* is generic and with constant in the file name. So, the portal will, using this mask, always try to find a file with the master number and the text “*Christmas*”

Case 2 – using variants as named pairs



With this setup the portal will replace *COLOR_1* and *SIZE_1* with the values of e.g. a configuration. This setup means that the master has to have the VarDim type otherwise the mask will not work.

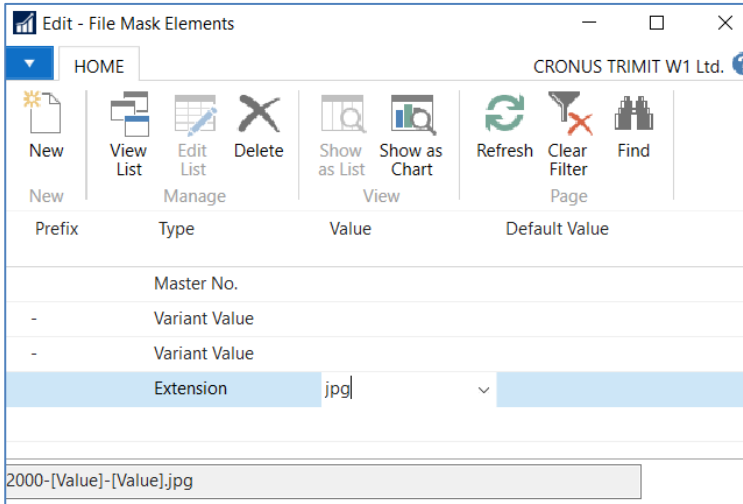
Case 3 – using variants as based on master number setup



This is a generic setup which could apply to all masters in the system. In this case there are two variants in the file name (i.e. first variant for color and second variant for size). When creating the mask, the system will automatically create the right VarDim type based on the reference to the VarDim type placement which was set up in VarDim master.

With this method it is easy to make mask that will cover multiple masters.

Case 4 – using variants as sequence of master in the order of the VarDim master setup.



This method will allow you to generically include VarDim types that are not part of the item number. The system will find the VarDim types that are marked **In File Mask** and place the VarDim type **Name** in its place. On the portal the variant value will be mapped accordingly. Hereby, the setup is translated in to e.g. this format:

[Master No.]-[COLOR]-[PATTERN].jpg

When parsing the mask in an actual picture search the mask may create this file request:

2100-01-02.jpg

Or

[Master No.]-[COLOR]_Christmas.jpg

The outcome file request:

2100-01_Christmas.jpg

There can be create different file mask setup variations, but they should be kept simple and readable.

CONFIGURABLE ITEM IN SALES ORDER

To view the configurable item related information like added custom labels or eventual custom free text, it is needed to open a sales order / quote and add fact box **Order Picture Info** (fact box **Related Picture** in version TRIMIT BC13). If product views (front, back or sides) have been added any additional labels or text then these views will be displayed in this fact box:

Edit - Sales Order - WOS000004 - The Fashion Store UK

HOME ACTIONS NAVIGATE

View Edit New Delete Manage Release Create Inventory Put-away/Pick... Print Confirmation... Reopen Email Confirmation... Statistics Post and New... Post... Post and Send... Send Approval Request See my Flows Approvals Cancel Approval Request OneNote Notes Links Refresh Clear Filter Go to Previous Next Page

WOS000004 - The Fashion Store UK

General

Customer Name: The Fashion Store UK
Contact: Mr. Charles Nelson
Posting Date: 24-01-2019
Order Date: 24-01-2019
Due Date: 25-02-2019
Requested Delivery Date:

External Document No.:
Use Value Date:
Blocked:
Ignore Blocking:
Skip Availability Check:
Order Type: 10RE-ORDER
Collection No.:

Show more fields

Lines

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measur...	Unit Price Excl. VAT	Line Discount %
Matrix	2185	T-Shirt Customized Sleeve/Pock...		2		PCS	11,00	
Item	21856501	T-Shirt Customized Sleeve/Pocket ...		1		PCS	4,00	
Item	21856502	T-Shirt Customized Sleeve/Pocket ...		1		PCS	18,00	

Invoice Details GBP PAYNOW
Shipping and Billing LONDON The Fashion Store UK 25-02-2019
Foreign Trade
Prepayment 0 25-02-2019
Misc. Param.

Order Picture Info
Show Additional Info

Order Line Configuration

VarDim Type	Value	Name
SLEEVE_COL	60	Green
POCKETLEFT	50	Sand

If there is any additional info on the configuration item image, then a button **Show Additional Info** will be shown within the fact box. Clicking this button opens **Order Info Picture** page:

Edit - Order Picture Info - 2 - 5

HOME

View Edit New Delete Manage OneNote Notes Links Refresh Clear Filter Go to

2 - 5

General

2185
T-Shirt Customized Sleeve/Pocket Color

Right-click the image for options.

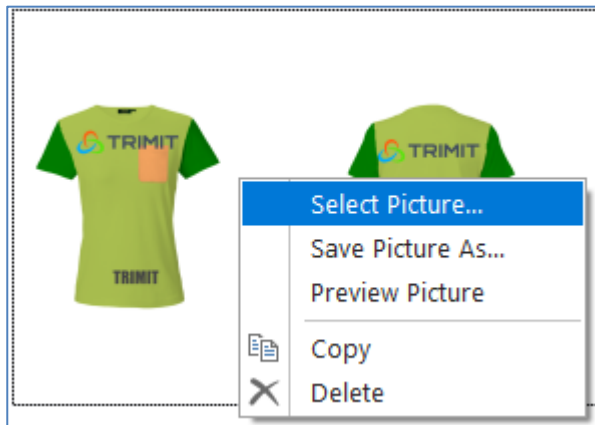
Order Picture Info SubPage

Type	View Code	Custom Text	Font	Font Color
Text	R	TRIMIT	Impact	#444
Additional	F	TRIMIT	Impact	#444
Text	F	TRIMIT	Impact	#444
Text	L	TRIMIT	Impact	#444
Additional	B	TRIMIT	Impact	#444
Text	B	TRIMIT	Impact	#444

OK

Order Info Picture page gives the following options:

- Double left clicking on image in fast tab **General** opens the image in a separate window. The window and image can be enlarged.
- Right clicking the image in fast tab **General** opens a context menu giving the following options:



FAST TAB ORDER INFO SUBPAGE ON ORDER INFO PAGE

DESCRIPTION OF THE COLUMNS

TYPE

Available options are *Text* and *Additional*. *Text* is for custom free text and *Additional* is for customer logos

BLANK

If there is a custom logo added to the configurable item, then this column will show the logo here. It is possible to double click on the logo, this will open it in a new window.

VIEW CODE

Indicates the view with a letter: R – from the right, F – from the front, L – from the left, B – from the back

CUSTOM TEXT

Reflects the custom free text

FONT

The font of the custom free text. Selectable on the configurable item portals details page

FRONT COLOR

The color of the custom free text. Selectable on the configurable item portals details page.

CONFIGURABLE ITEM VARDIM ORDER

In order to see what the configurable item consists of on the sales line (color codes for different elements) it is possible to add a fact box **Order Line Configuration** to the sales order page:

Edit - Sales Order - WOS000004 - The Fashion Store UK

HOME ACTIONS NAVIGATE

View Edit New Delete Release Create Inventory Put-away/Pick... Print Confirmation... Statistics Reopen Email Confirmation... Post and New... Post... Post and Send... Send Approval Request See my Flows Approvals OneNote Notes Links Refresh Clear Filter Go to Previous Next

WOS000004 - The Fashion Store UK

General

Customer Name: The Fashion Store UK External Document No.: Use Value Date: Blocked: Ignore Blocking: Skip Availability Check: Order Type: 10RE-ORDER Collection No.: Requested Delivery Date: 24-01-2019 24-01-2019 25-02-2019

Order Picture Info Show Additional Info

Order Line Configuration

VarDim Type	Value	Name
SLEEVE_COL	60	Green
POCKETLEFT	50	Sand

Lines

Type	No.	Description	Quantity	Reserved Quantity	Unit of Measur...	Unit Price Excl. VAT	Line Discount %
Matrix	2185	T-Shirt Customized Sleeve/Pock...	2		PCS	11,00	
Item	21856501	T-Shirt Customized Sleeve/Pocket ...	1		PCS	4,00	
Item	21856502	T-Shirt Customized Sleeve/Pocket ...	1		PCS	18,00	

Invoice Details GBP PAYNOW

Shipping and Billing LONDON The Fashion Store UK 25-02-2019

Foreign Trade

Prepayment 0 25-02-2019

Misc. Param.

Alternatively, the VarDim order can be opened via *VarDim* menu in the fast tab **Lines** and selecting *VarDim Orders* menu item:

Order Date: 24-01-2019 Due Date: 25-02-2019 Requested Delivery Date:

Ignore Blocking: Skip Availability Check

Edit - VarDim Orders

HOME ACTIONS NAVIGATE

Refresh Find

Page

VarDim Type	Description	Value	Name	Search Unit Price/Cost...	Adju Amount
SLEEVE_COL	Sleeve Color	60	Green	Yes	
POCKETLEFT	Left Pocket Color	50	Sand	Yes	

Lines

Line VarDim Related Order No. Order Find Filter Clear Filter

Matrix 2185 T-Shirt Customized Sleeve/Pock... 2 PCS 11,00

Item 21856501 T-Shirt Customized Sleeve/Pocket ... 1 PCS 4,00

Item 21856502 T-Shirt Customized Sleeve/Pocket ... 1 PCS 18,00

VarDim Orders Shift+F11

Matrix Quantity Ctrl+M

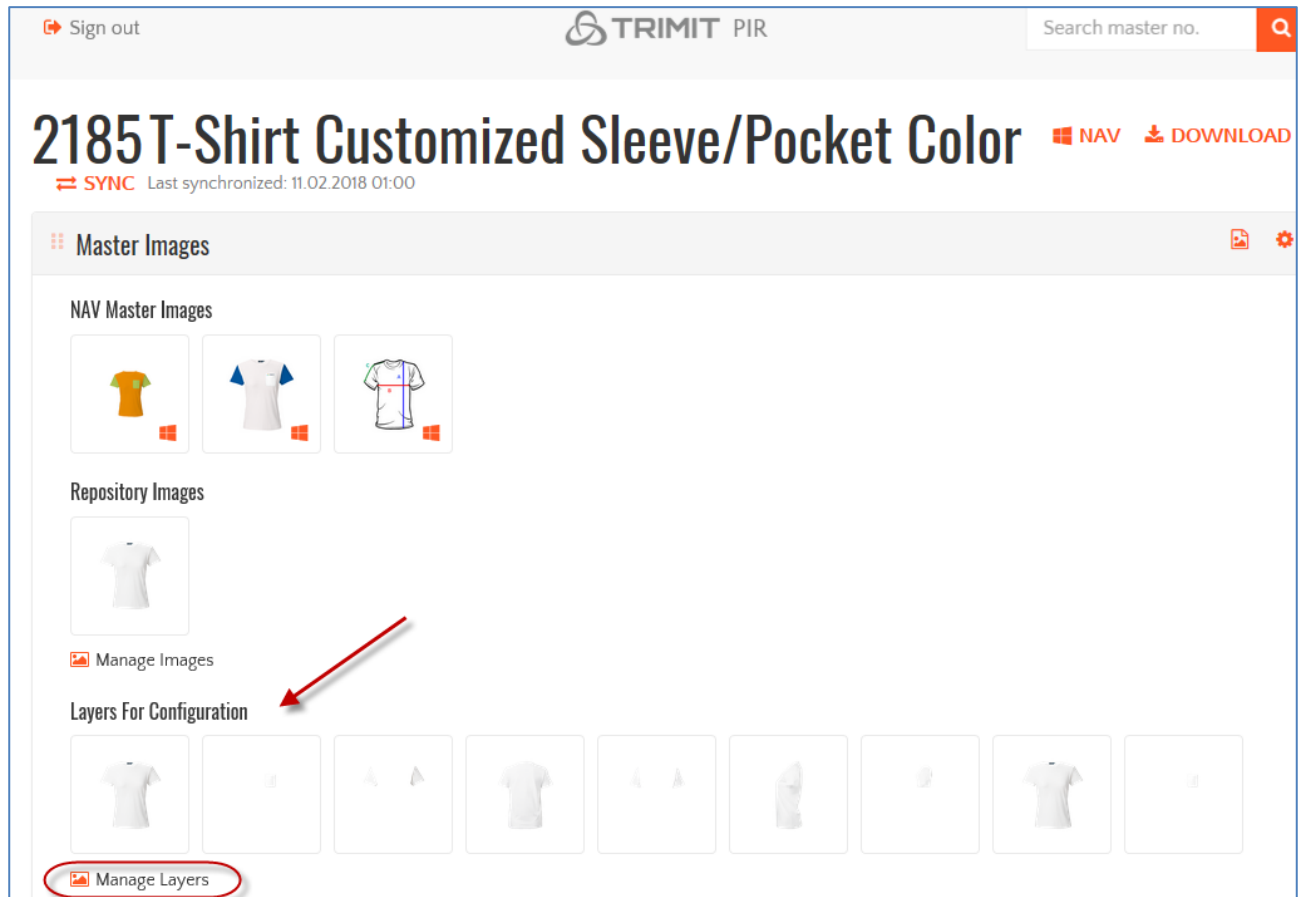
Matrix Qty. to Ship Ctrl+Shift+M

Matrix Qty. to Invoice Ctrl+Alt+M

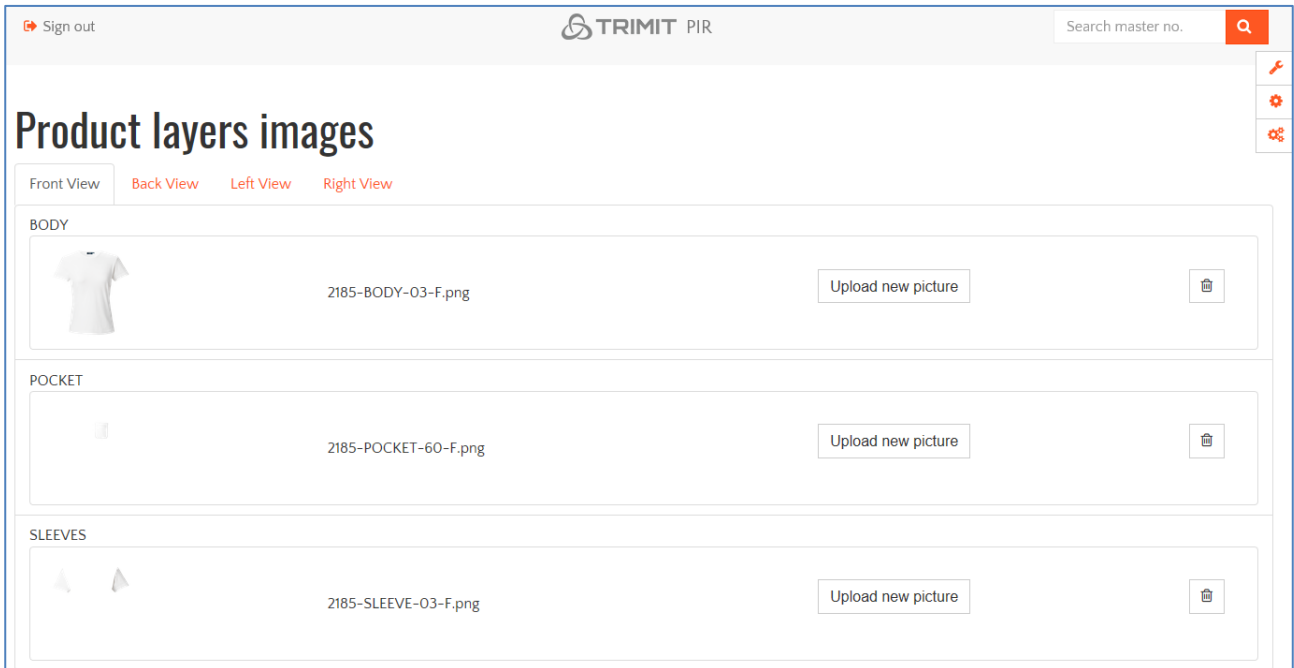
Formula Processing

VISUAL CONFIGURATION SETUP IN PIR

In TRIMIT PIR it is possible to upload product layer images for the visual configuration. Layer management can be accessed from the master admin page.



Clicking **Manage Layers** opens **Product Layers Images** page.



The page look depends on the visual configuration setup in TRIMIT.

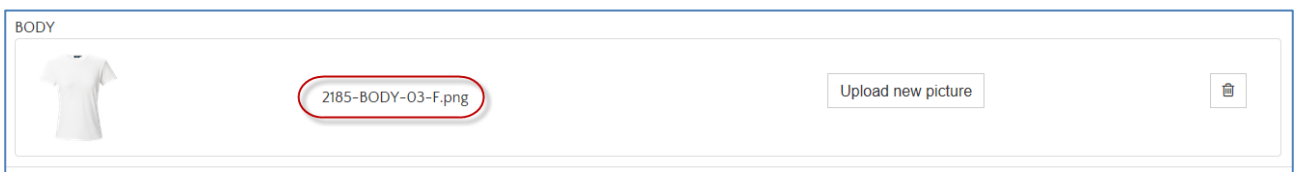
DESCRIPTION OF PRODUCTS LAYERS IMAGES PAGE

VIEWS

Product views are displayed as tabs. In this case there are four tabs: *Front View*, *Back View*, *Left View* and *Right View*.

LAYERS

Each view has layers. Note that it is important to place the layers in the right logical order where the base layer must be on the first place. In this case *Front view* has three layers: *BODY*, *POCKET* and *SLEEVES*. For each layer it is possible to see the image file name based on the file mask setup in TRIMIT:

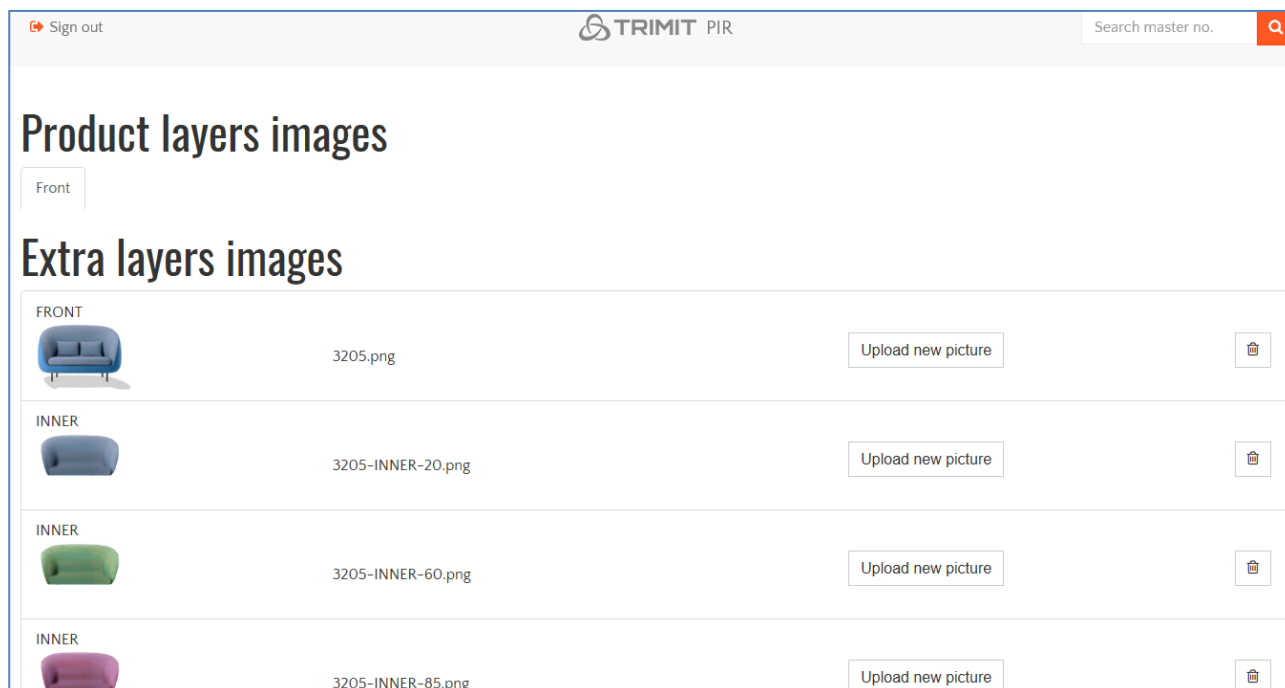


Button **Upload new picture** allows uploading a product layer image. Button Delete – deletes the layer image.

NOTE:

PIR controls for uploading layer images appear only after the product layer file mask has been set up in TRIMIT

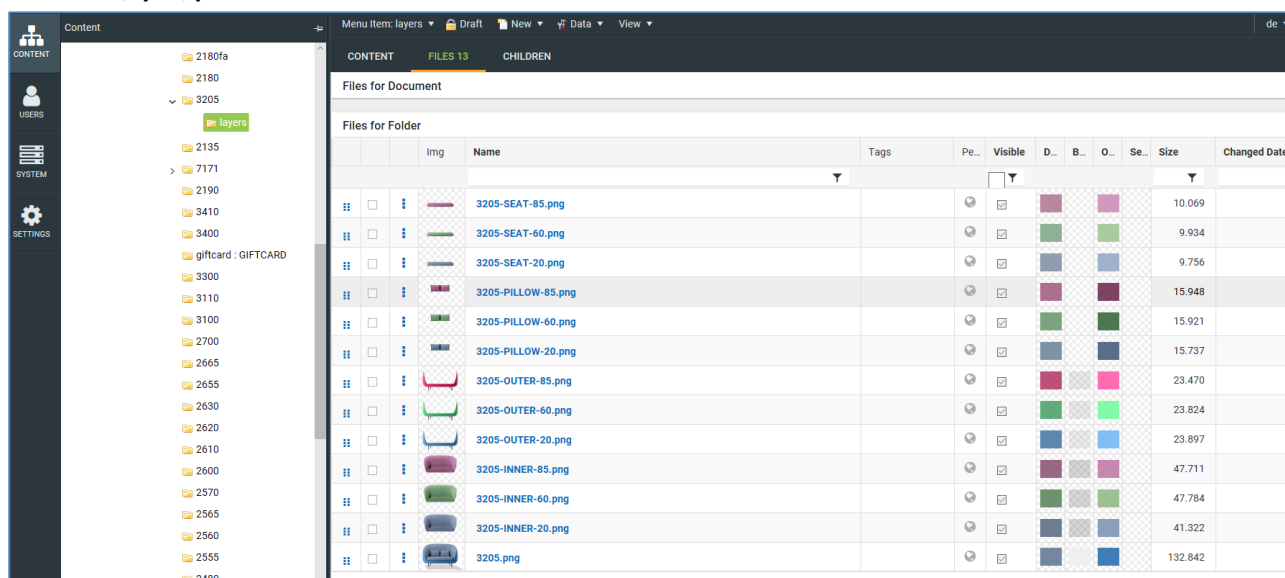
In case if color replacement is not used in visual configuration and there is no Default Value for the VarDim type in files mask setup then the Product Layers Images page in PIR could look as follows:



Here it is shown that layer image for each color variant has to be uploaded to this PIR page.

VISUAL CONFIGURATION IN MODELYN

When a product is configured for visual configuration, it has a subfolder called "layers" in **Content Structure / pir / products**.



All the color variant images uploaded to PIR are stored / shown here. The main product image, which is shown on the category overview page, can be uploaded on **Master Images** page in PIR and stored / displayed.

under ***Content Structure / pir / products / <product number>***. If main product image is missing in PIR then it is taken from TRIMIT.