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PIM Interface



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Auto-generated at April 26, 2024

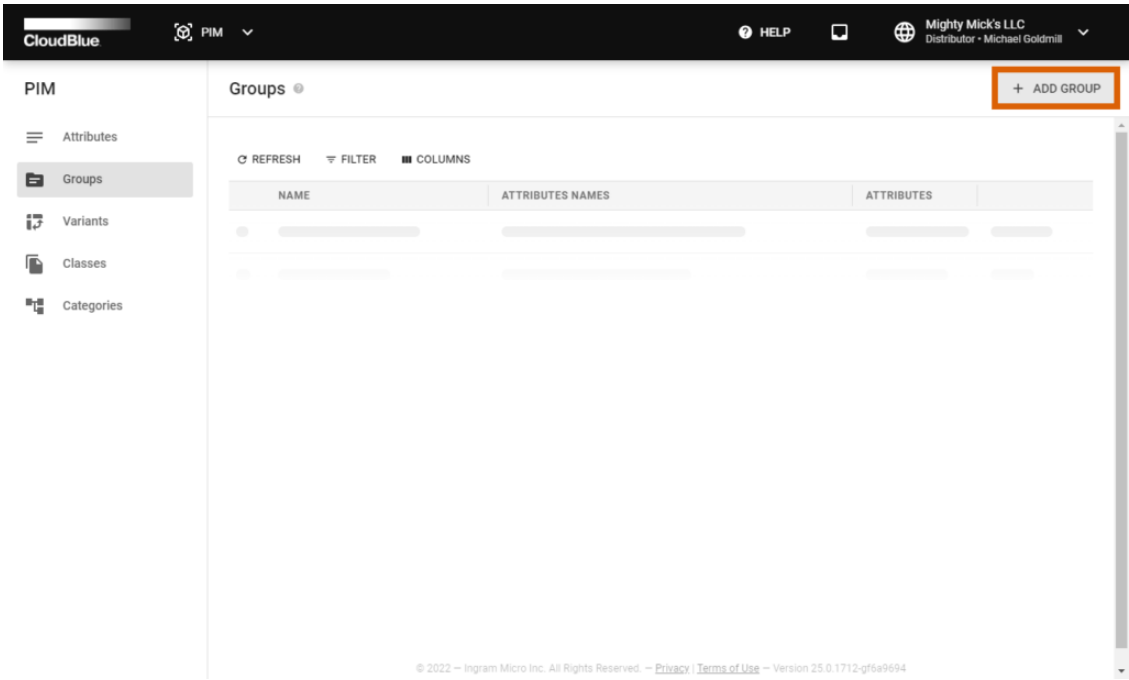
The following describes the graphical user interface of the Product Information Management (PIM) module on the CloudBlue Connect platform. The following also outlines all available operations within this module. It is highly recommended to familiarize yourself with the PIM module description and understand the difference between items and products before following the instructions and guidelines below.

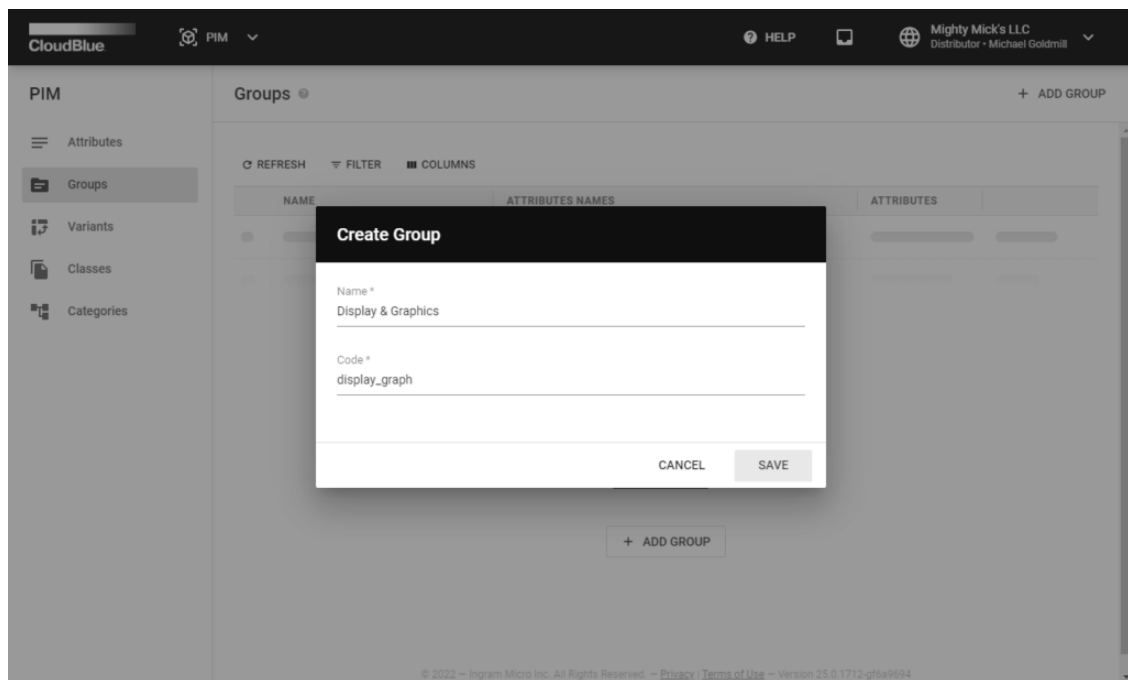
Groups

Attributes represent the core and foundation of the PIM module. However, each attribute should belong to a certain group that is defined on the Connect platform. Thus, it is required to configure at least one group before starting to work with the attributes. Once your group is defined, the system allows managing attributes via the *Group Details* screen.

Group Creation

Access the **Group** section of the PIM module and click **Create Group** at the top-right corner of the screen to start configuring a new group.





The Connect platform prompts to specify your group name and your group code from your distribution system. Once you provide your group name and its code, click the **Create** button to finalize your group configuration.

Therefore, the system allows creating attributes and assigning them to your configured group. When you access the **Group Details** screen, the system prompts you to add an attribute for your new group. Create new *product-level* or *item-level* attributes as described under the corresponding heading.

Group Management

Access the **Group Details** screen by clicking on your created group name. The Group Details screen displays a list of your added attributes, provides group update and creation dates, and allows editing or deleting selected groups by using corresponding buttons at the top right corner of the screen.

Once your group features multiple configured attributes, the Connect platform allows reordering them as described below:

The screenshot shows the 'Group details' page for a group named 'Display & Graphics'. The left sidebar contains navigation options: Attributes, Groups (selected), Variants, Classes, and Categories. The main content area shows the group name and a list of attributes. A table lists attributes with their names, PIA codes, and scopes. An orange box highlights the first five attributes: Screen Size, Screen Resolution, Touchscreen, Graphics Controller Model, and Display Screen Type. Below the table, the 'Created at' and 'Updated at' dates and times are displayed.

NAME	SCOPE
Screen Size PIA-8730-4541-4969 • Size	Item
Screen Resolution PIA-3584-0695-7447 • Resolution	Item
Touchscreen PIA-5714-8469-2745 • Touchscreen	Item
Graphics Controller Model PIA-7917-4288-2196 • Controller Model	Item
Display Screen Type PIA-3284-2841-2988 • Screen Type	Item

Created at: 03/28/2022 5:22 PM
Updated at: 04/11/2022 7:27 AM
Michael Goldmill • UR-055-000-003

The screenshot shows the 'Groups' list page. The left sidebar is the same as the previous screenshot. The main content area shows a table of groups. An orange box highlights the first four groups: Display & Graphics, Processor, Storage, and Audio. The table columns are NAME, ATTRIBUTES NAMES, and ATTRIBUTES. Below the table, the 'Rows per page' and '1-4 of 4' pagination controls are visible.

NAME	ATTRIBUTES NAMES	ATTRIBUTES
Display & Graphics PIG-616-613-283 • A249	Resolution, Aspect Ratio, Brightness, Contrast Ratio	4
Processor PIG-205-798-696 • 824P	Cores, Clock Rate	2
Storage PIG-919-826-850 • S10	RAM	1
Audio PIG-530-260-052 • AU8	Stereo	1

Reorder your added attributes by using specific drag and drop buttons next to your selected attribute. Therefore, your business partner will be prompted to specify product specifications according to your provided attribute order.

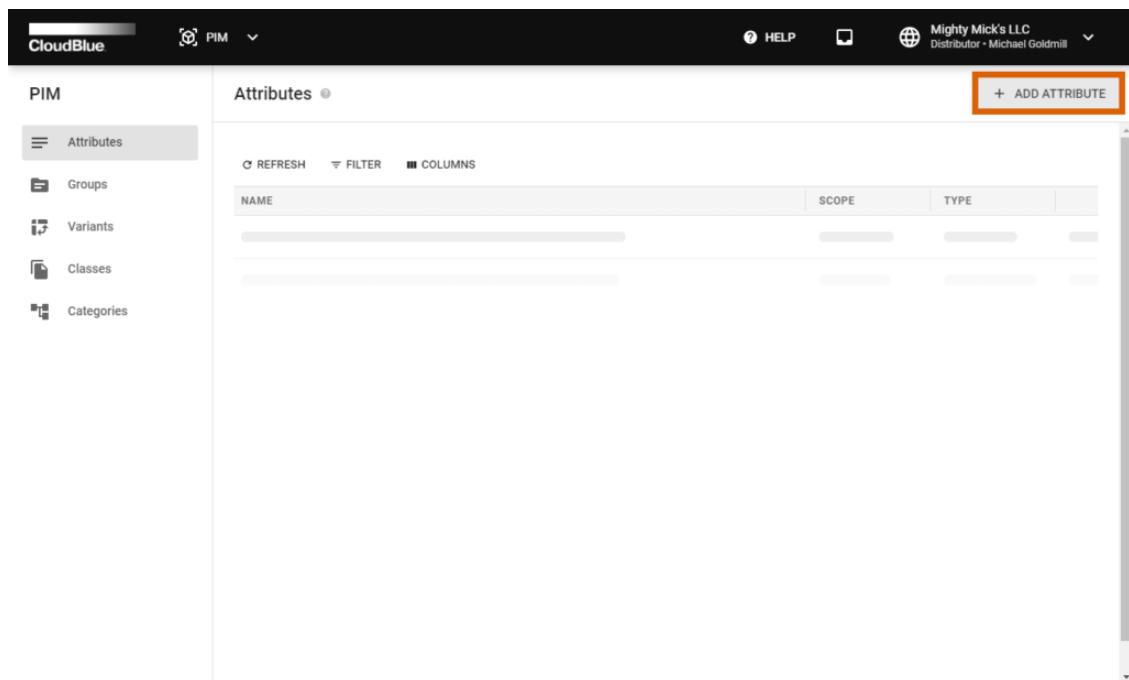
Note that the system also allows organizing your created groups by using the same drag and drop buttons from your **Groups** list.

Attributes

The system displays a list of your defined attributes within the **Attributes** section of the PIM module. Add a new attribute to your attribute list by using an attribute creation wizard. Once your attribute is successfully configured, the system allows accessing your attribute details and preview the attribute value assignment.

Attribute Creation

Click the **Add Attribute** button from the Attributes section to launch the attribute creation wizard.



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PIM

Attributes

+ ADD ATTRIBUTE

Create attribute — Step 1

1 Type

2 Details

3 Group

4 Summary

Select Type

Type *
Single line text

Options
Placeholder text
e.g., 1980 x 1080
Text to be shown in the empty box
Hint text
specify your resolution
Text always to be shown next to control

CANCEL NEXT

Preview

e.g., 1980 x 1080
specify your resolution

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PIM

Attributes

+ ADD ATTRIBUTE

Create attribute — Step 2

Type

2 Details

3 Group

4 Summary

Parameter Details

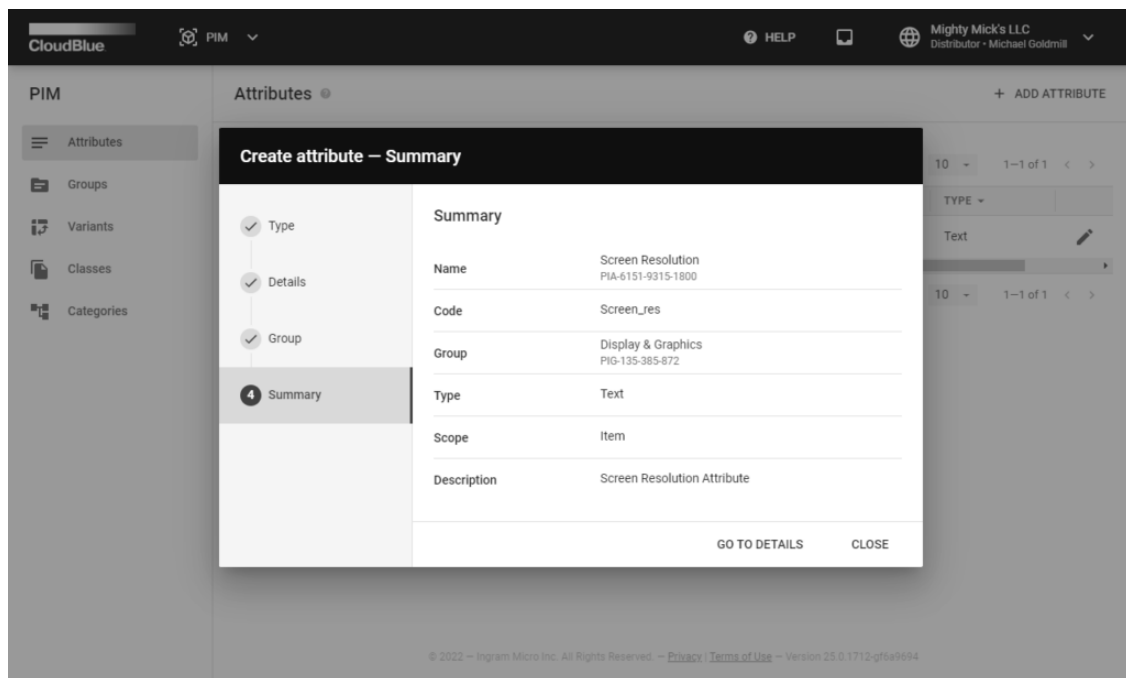
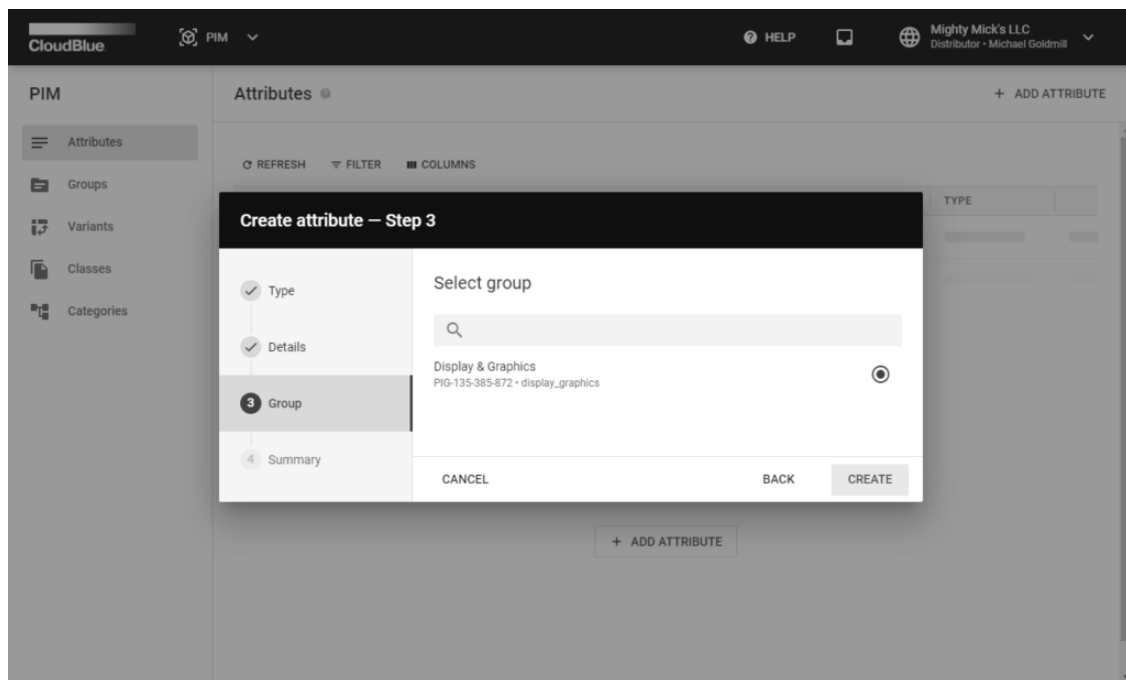
Name *
Screen Resolution

Code *
screen_res

Description
Screen Resolution attribute

Scope
☐ Product ☒ Item

CANCEL BACK NEXT



Follow the wizard steps to successfully configure a new attribute:

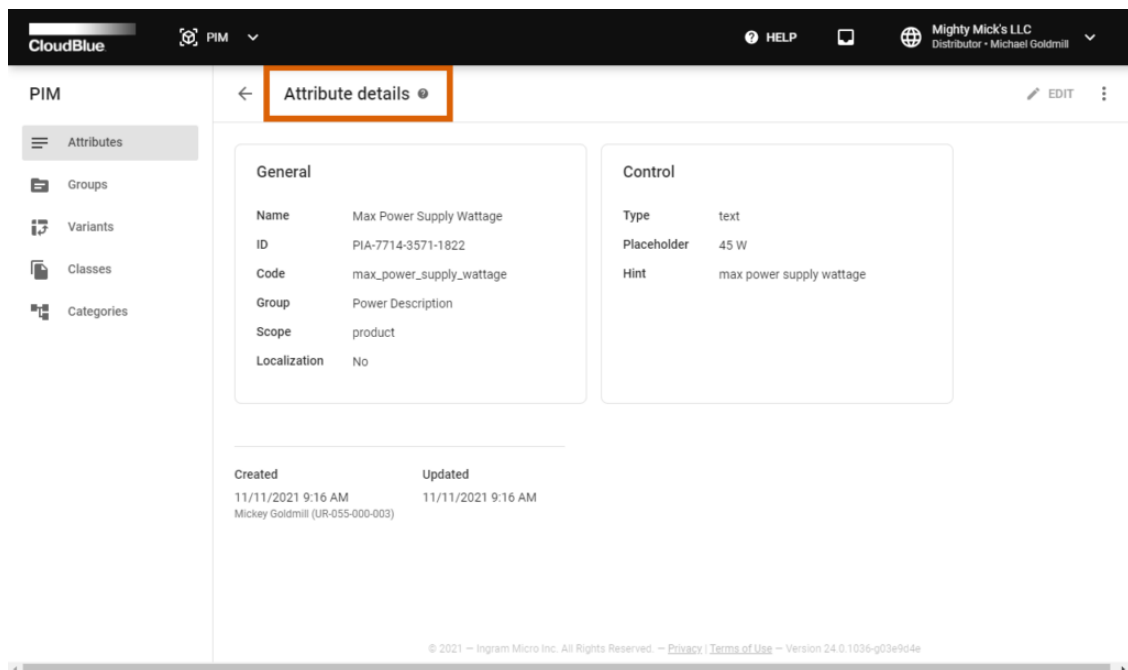
- **Type:** This step allows selecting one of the following types for your attribute:
 - *Single Line Text* is used to provide basic text that can be used to define names, labels and other product details. Once this option is selected, it is required to provide placeholder and hint texts.

- *Dropdown List* allows Vendors to select one of the provided options from the predefined list. Each specified option should contain a unique name and a unique identifier.
- *Measure* enables to provide a specific unit of measure as an attribute.
- *File* allows uploading files according to your specified file size and accepted file formats.
- *Image* enables your partners to upload an image according to your specified file size and supported image formats.
- **Details:** Specify your attribute name, a unique code from your distribution system and attribute description. Furthermore, select *product* or *item* scope for your attribute and specify if your attribute requires localization by using corresponding radio buttons.
- **Group:** Select your defined group for your new attribute. Thereafter, click *Create* to finalize your attribute creation.
- **Summary:** As a result, the system provides the summary of your configured attribute.

Click the **Go to Details** button to access your created attribute details screen. Otherwise, close the summary by clicking **Close**.

Attribute Details

Click on your added attribute name to access the **Attribute Details** screen. This screen, as the name suggests, is used to review attribute details and provided attribute options.



General		Control	
Name	Max Power Supply Wattage	Type	text
ID	PIA-7714-3571-1822	Placeholder	45 W
Code	max_power_supply_wattage	Hint	max power supply wattage
Group	Power Description		
Scope	product		
Localization	No		

Created	Updated
11/11/2021 9:16 AM Mickey Goldmill (UR-055-000-003)	11/11/2021 9:16 AM

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Specified attribute information, such as your attribute name, identifier, scope and group are displayed under the **General** attribute details.

The Attribute Details screen can be also used to review attribute update and creation dates as well as associated users of your Connect account that created this attribute and updated it.

Your attribute type, placeholder and hint text or your specified dropdown list are displayed under the **Control** attribute details. Click the **Preview** button to the value of your attribute can be assigned or selected by your Vendors.

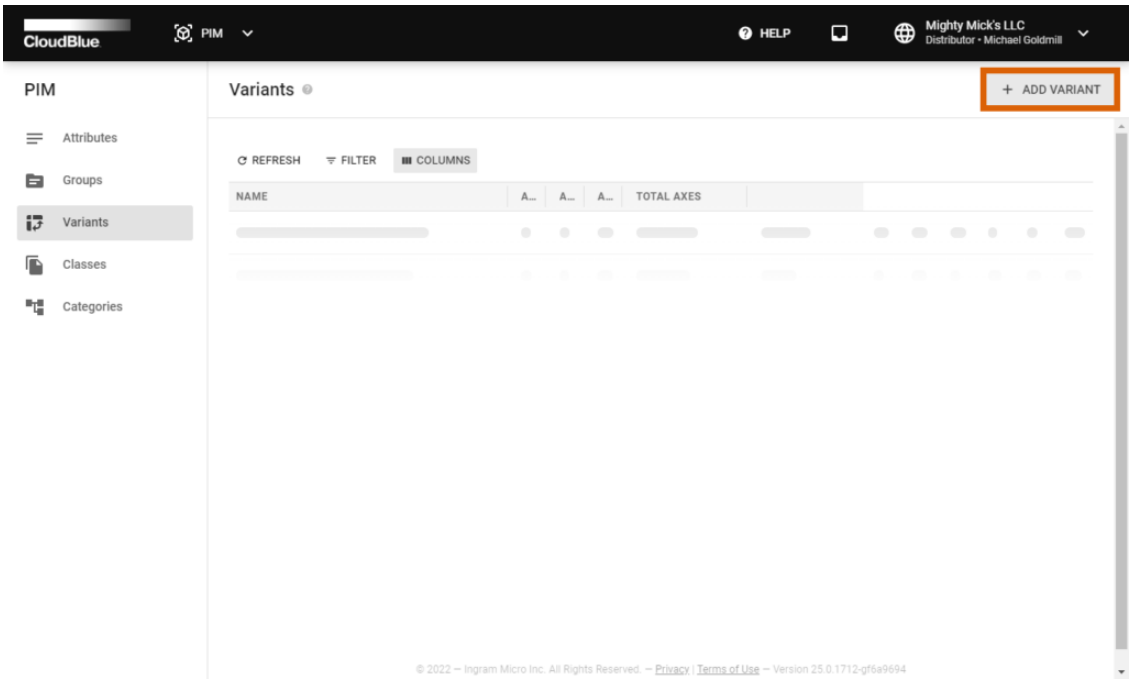
Note that the system also allows adjusting your created attribute by clicking the **Edit** button at the top-right corner of the screen. In case it is necessary to remove your attribute, click the ellipsis (**:**) button and select the **Delete** option.

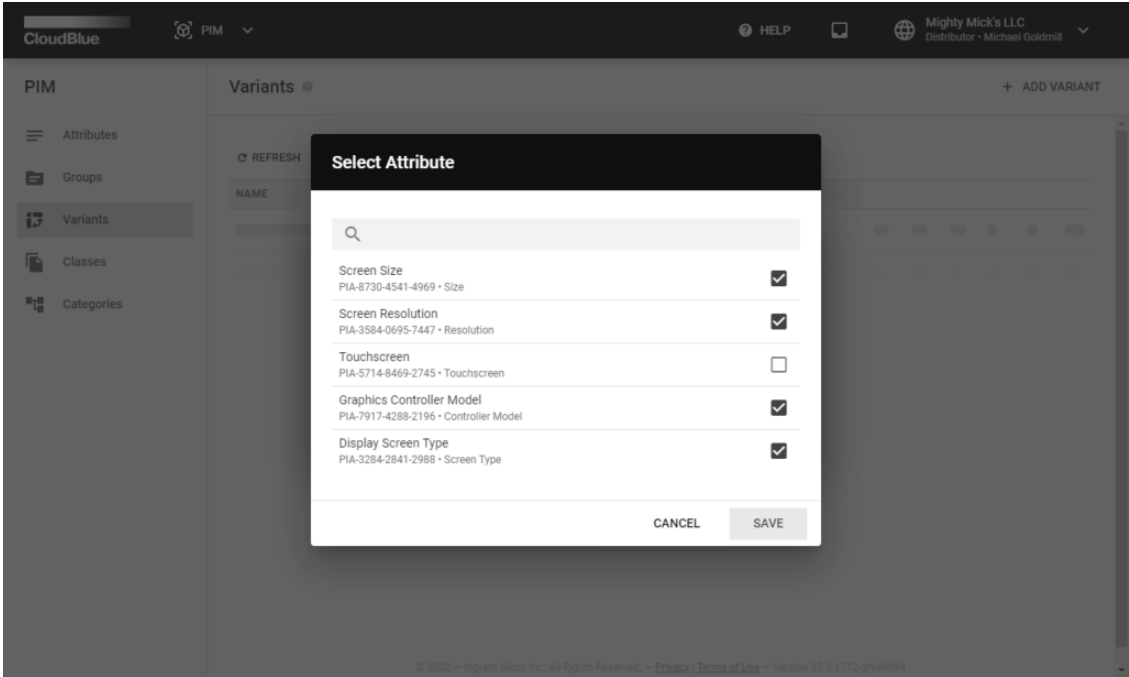
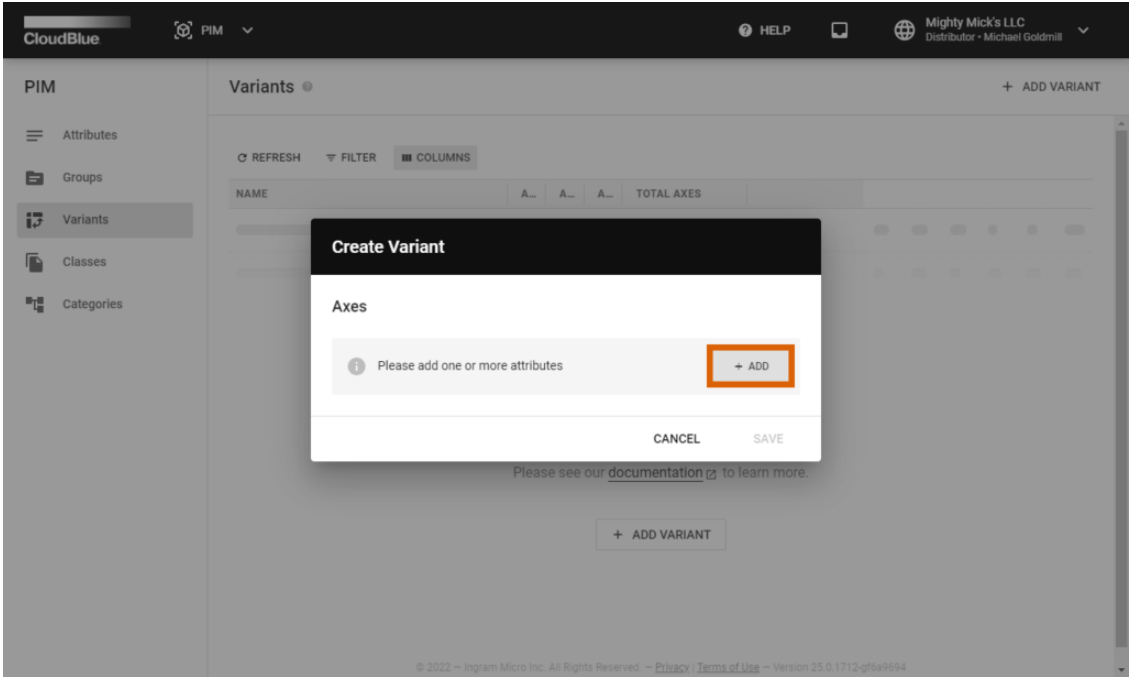
Variants

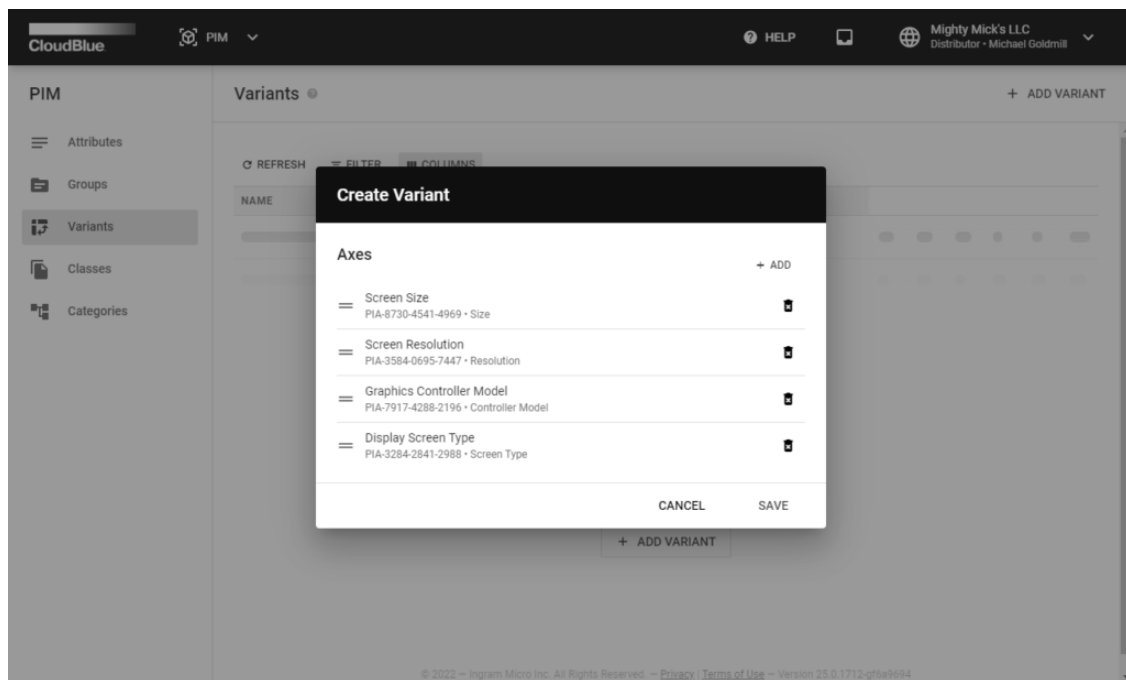
Once your *item-level* attributes are successfully configured, the system allows creating product variant templates. Configure your product variations by assigning your created attributes as axes for a particular template. Note that configured variations can be also used within your specified classes. Follow the instructions below to create a new variant template.

Variant Creation

Proceed to the **Variants** section of the PIM module to access the list with your variants. Click the **Create Variant** button to start configuring a new variant object:







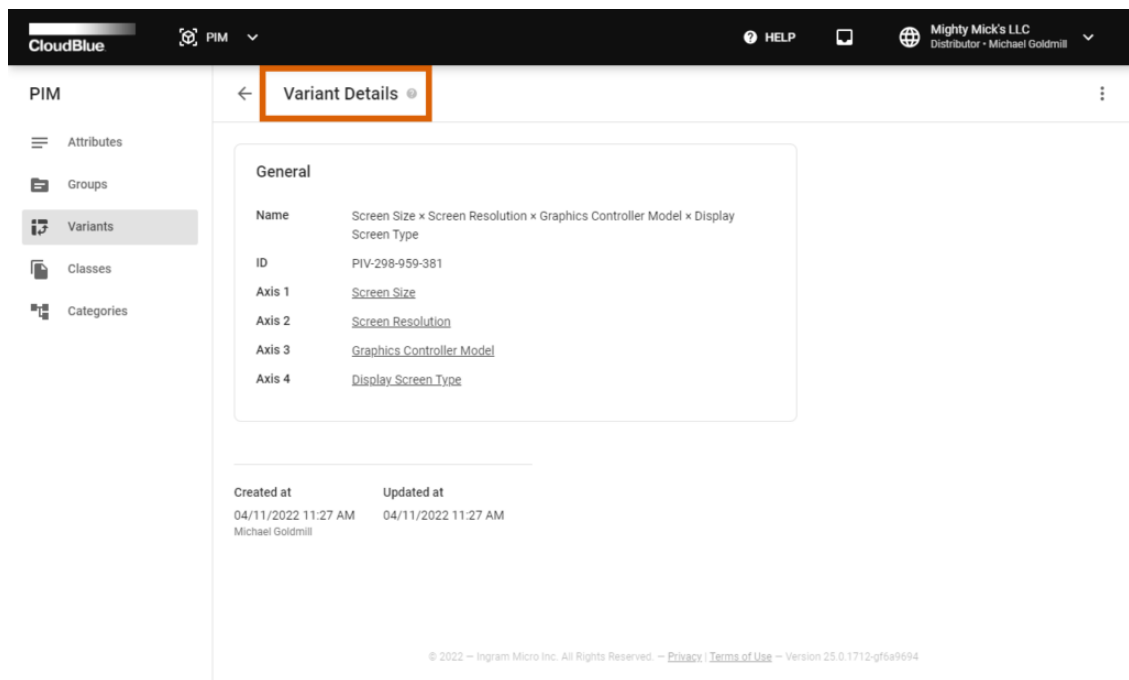
The system prompts you to add *item-level* attributes as **axes** for your new variation template. Click the **Add** button to specify required attributes to the appeared **Create Variant** form.

Next, select required item-level attributes by checking their corresponding checkboxes. Once all required attributes are specified, click the **Save** button to continue.

Make sure that all required attributes are presented in the **Create Variant** form. The system allows removing and adding attributes by using the corresponding buttons on the wizard interface. Once all required attributes are selected, click the **Save** button to finalize your variant template configuration.

Variant Details

Click on your configured variant object name from the *Variants* list to access the **Variants Details** screen.



This screen is used to examine the variation update and creation dates, review selected attributes and learn which classes use your selected variant.

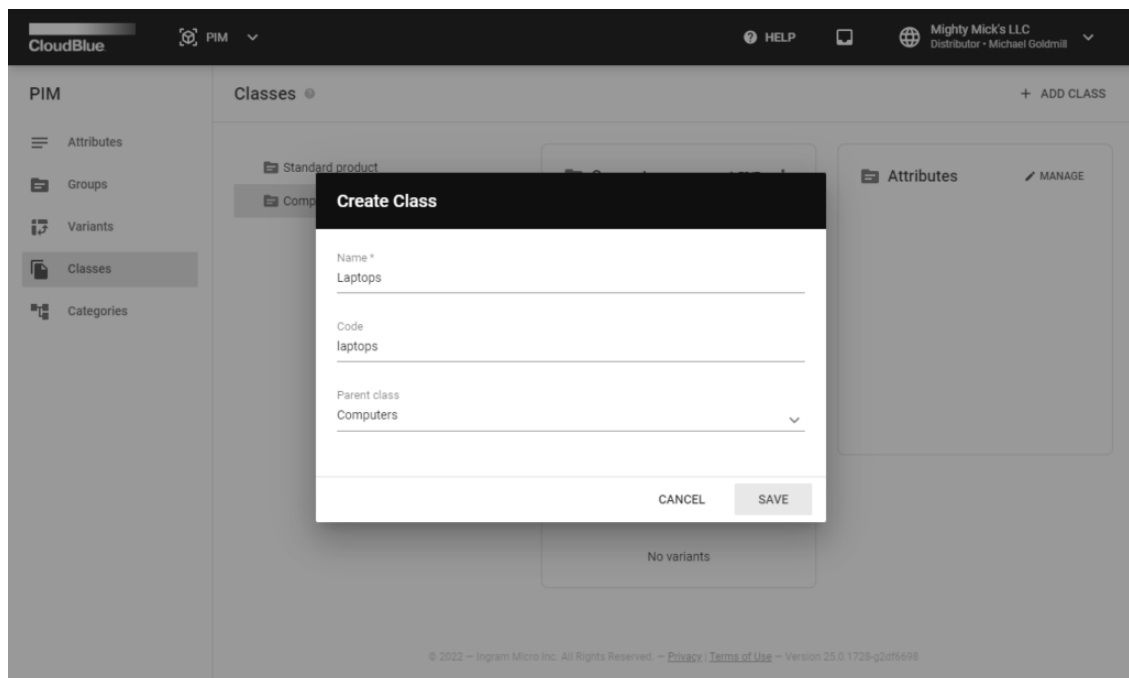
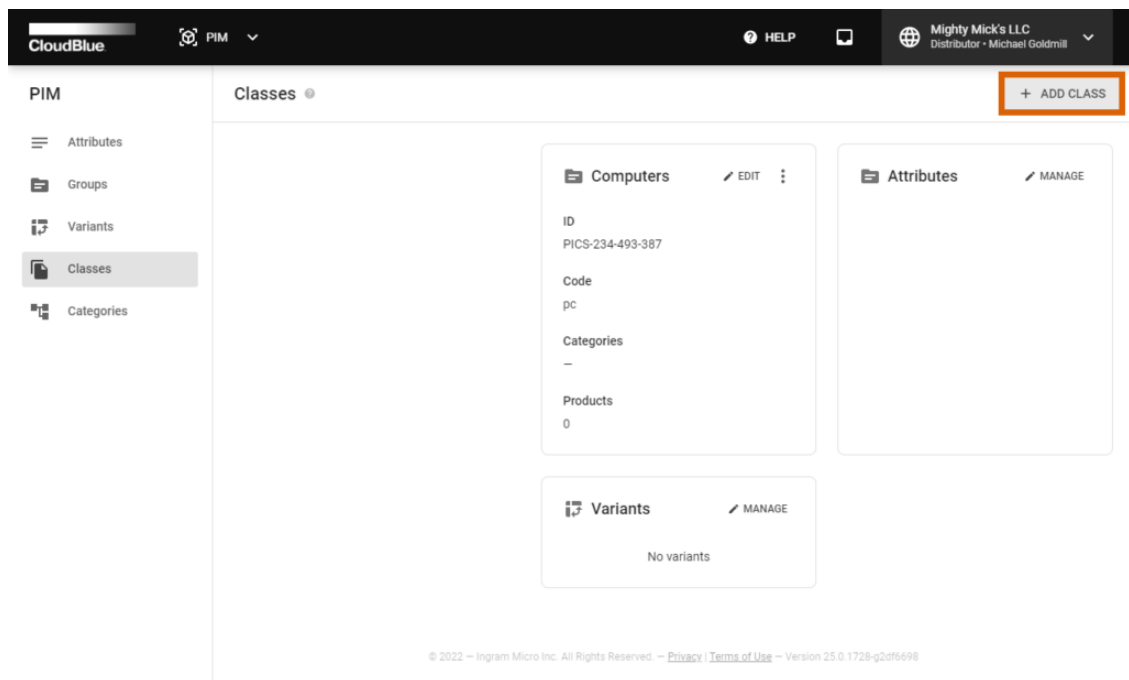
The platform allows managing your specified attributes by clicking on the vertical ellipsis (**:**) icon and selecting the **Edit** option at the top-right corner of the Variant Details screen. In case it is necessary to remove your variant, select the **Delete** option via the vertical ellipsis (**:**) menu.

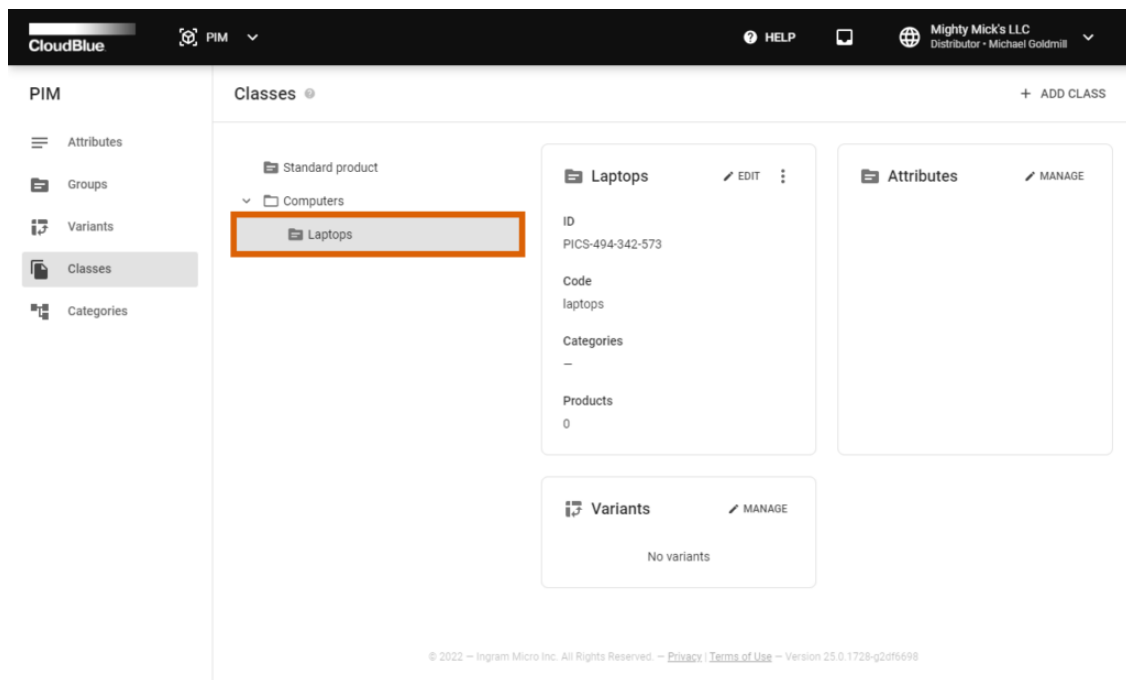
Classes

The PIM module can be also used to create classes as well as to manage attributes and specified variations that are associated with your defined classes. Your created classes can also feature child classes or parent classes. Child classes inherit selected *attributes* and *variants* from their parents. Furthermore, note that classes are essential for creating *categories*. The following instructions demonstrate how to create a new category, how to manage attributes and how to manage variants via the PIM module.

Class Creation

Navigate to the **Classes** section of the PIM module to access a list of your created classes. Click the **Create Class** button to start configuring a new class.





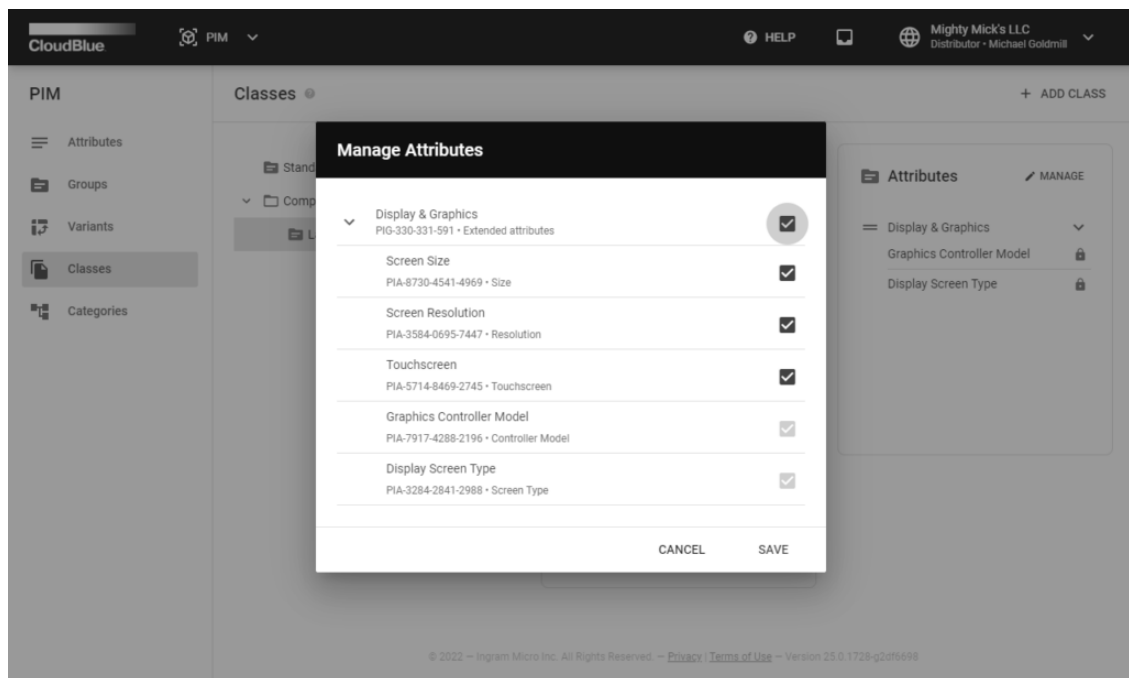
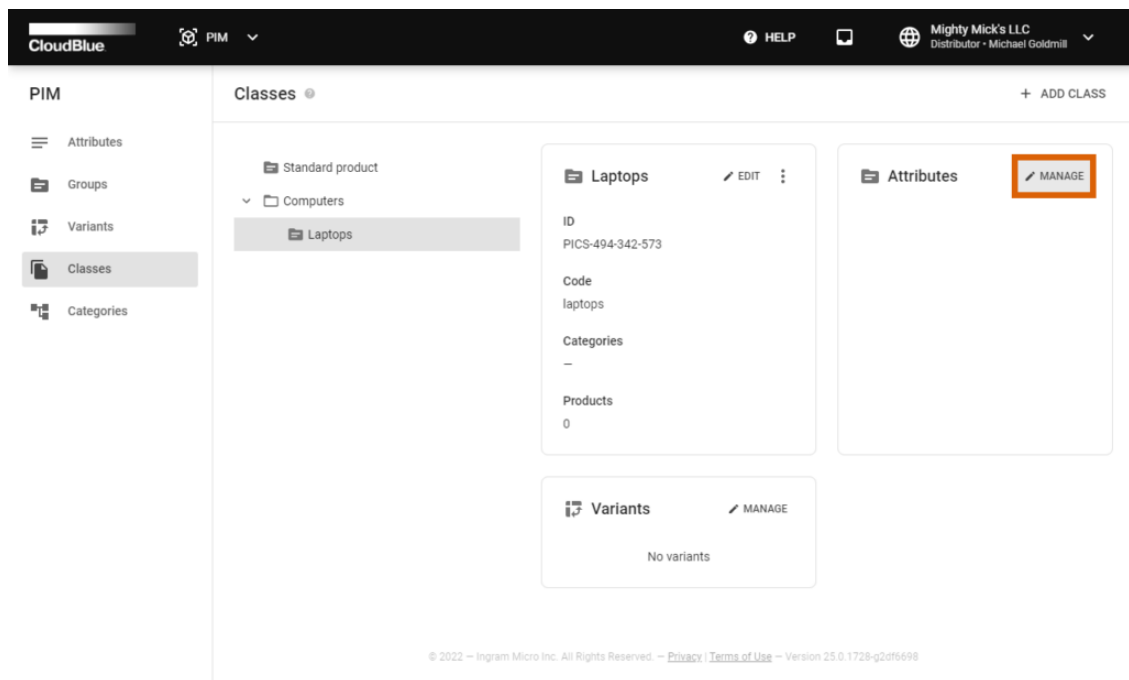
The system prompts you to select your *class name* and enter your *class code* from your distribution system. In case several classes are already created, Connect also allows specifying a *parent class* for your new class.

Click the **Add** button to finalize your class object creation. As a result, the system displays your new class in the **Classes** list. In case your created class have a parent class, the system provides the child class within its corresponding parent.

Class Management

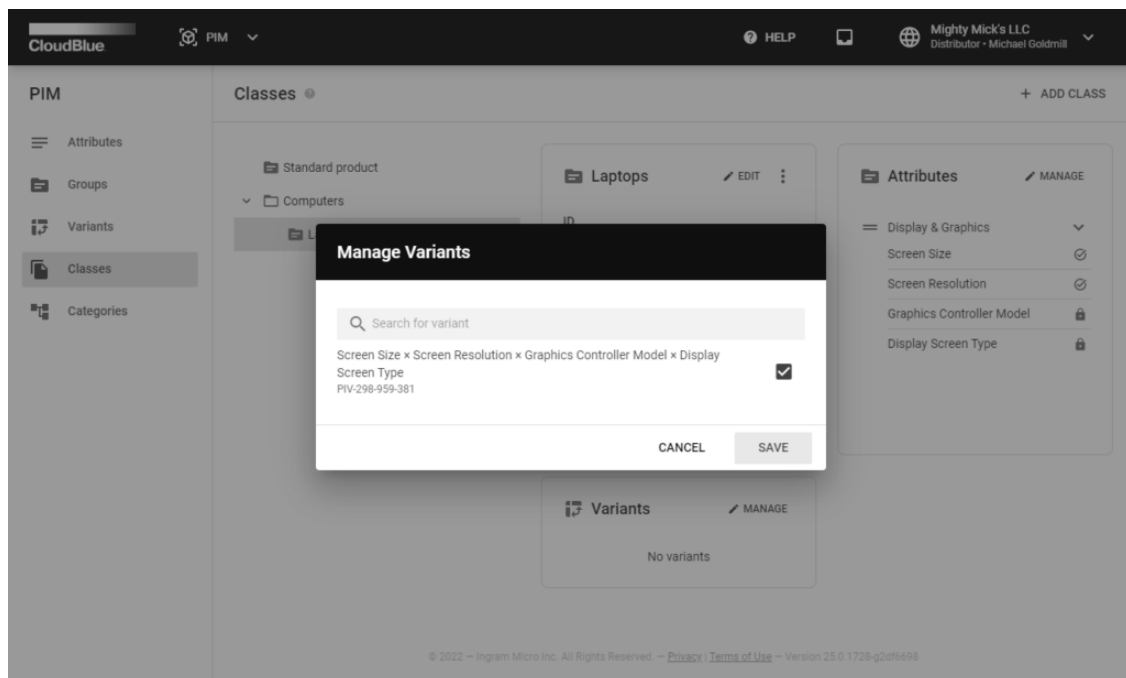
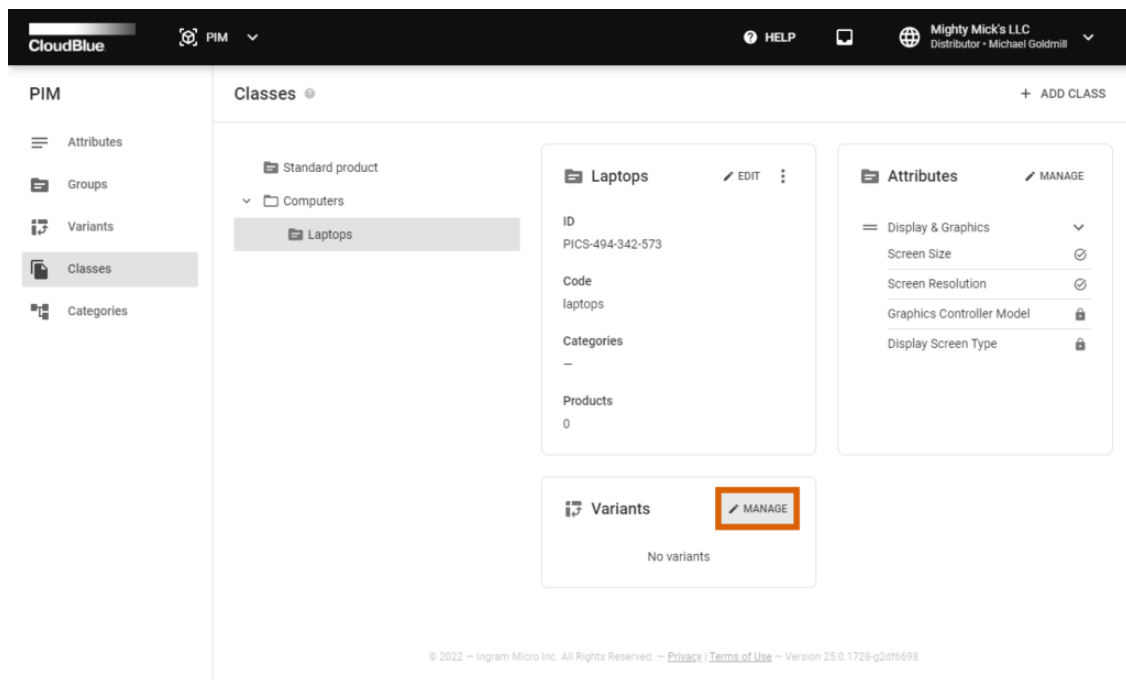
Once a new class is added, the Connect platform also enables you to manage your defined attributes and variants that should be associated with your added class.

Click the **Manage** button above the presented *attributes list* to include and exclude your specified attributes.



Check or uncheck corresponding checkboxes to include or exclude your defined groups and individual attributes from the list. Note, however, that the system doesn't allow managing attributes that are inherited from the parent class. Inherited attributes are grayed out in the provided attribute list and it is impossible to check or uncheck them.

Click the **Manage** button above the provided *variants* list to include or exclude your defined variant templates.



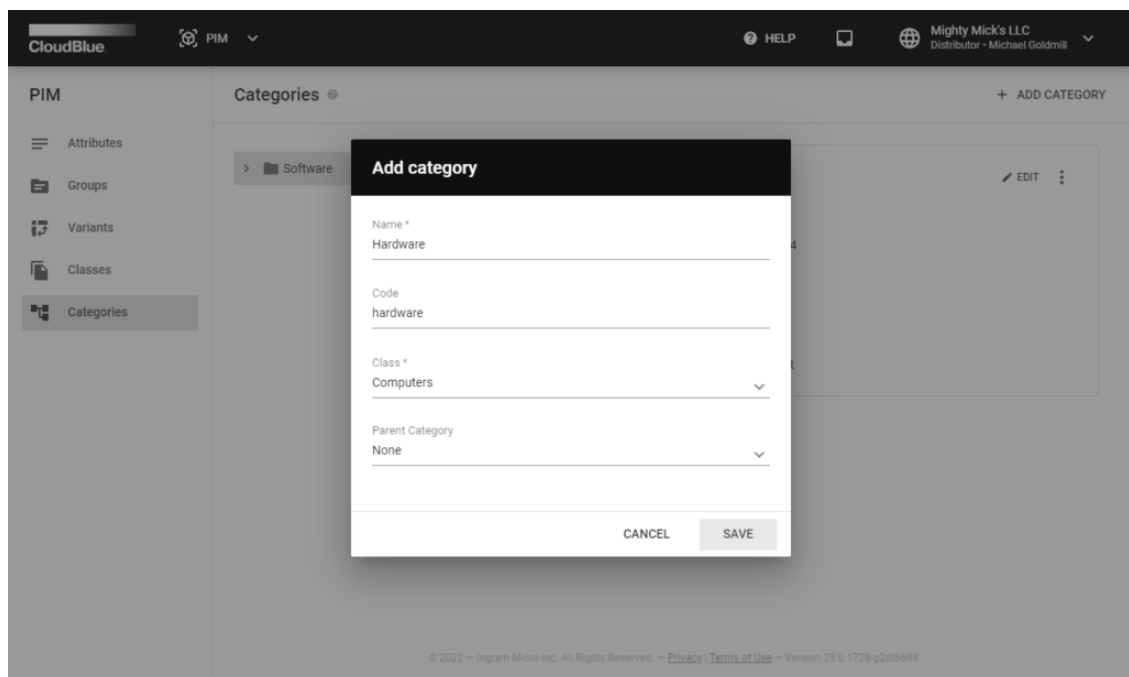
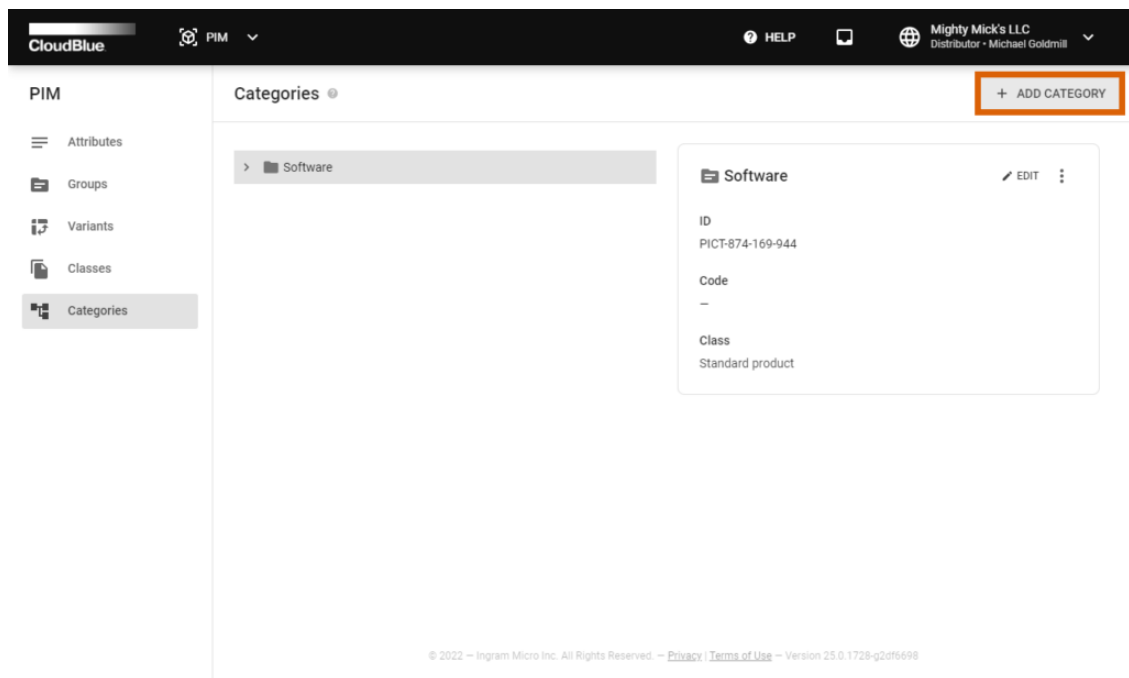
Manage associated variant templates by checking or unchecking corresponding checkboxes. The system also doesn't allow managing variant templates that are inherited from the partner class. Inherited templates are also grayed out and it is impossible to check or uncheck such templates.

In case it is required to update your class name or specified code, click the **Edit** button above your class information.

Categories

Once your classes are successfully created and configured, the **Category** section of the PIM module allows creating product categories. Each category should be interconnected with a particular class. In addition, your created categories can feature child categories or parent categories. Therefore, you can define a hierarchy for your configured categories.

Access the **Categories** section and click the **Add Category** button to start creating a new category.



The system prompts you to specify a class that is associated with your new category. Furthermore, it is also required to enter your category name and code from your distribution system. In case several categories are already defined, you can select a parent category for your new category.

Click the **Add** button to finalize your category object creation. As a result, the system displays your new category in the **Categories** list. If your created category have a parent, the system provides the child category within its corresponding parent.

In case it is necessary to update your category name, associated class, code or specified parent category, click the **Edit** button above your category information.