

Using M-Kits Module in VRP

Description:

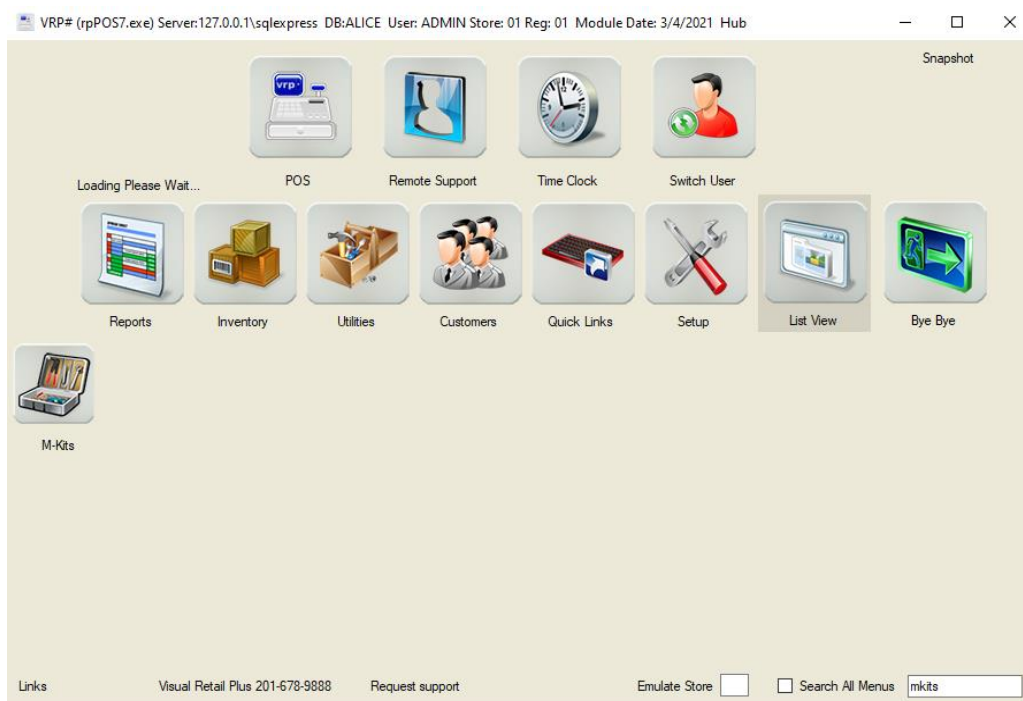
The mKits module in VRP can be used to create kit assemblies i.e. products that require multiple components to be a complete product. For an example, we can create a kit assembly for a bicycle that has components like wheels, body frame, seat etc.

Note:

All the items including the kit (Bicycle) and the components (seat, frame, wheels) need to exist in the inventory. Make sure you create the items, if they don't exist, using the **Add Items** module before using **mKits** module.

Steps for Creating New Kit

1. In the VRP home screen, go to Utilities and look for m-Kits module. Alternatively, you can type mKits in the search bar.



- Click on the M-Kits icon and you will be greeted with the following window.

The screenshot shows the 'rpMkits.exe' application window. It features two data tables at the top, a toolbar with search and navigation options, and four main functional panels: 'Create a New Kit', 'Kit Maintenance', 'Assembly', and 'Add a Component'.

StoreID	productid	mkitUPC	onhand	Description	Size	Color
01	62-118-036	800125	913	Front besom part.	2	Blush
01	q1Bag	q1bag	10		N/A	N/A

upc	quantity	onhand	UnitCost	description	size	color
800111	1	871	62.17	cashmere reversible ...	XS	Blush
800112	1	35	38.00	cashmere reversible ...	S	Blush
1005780	1	172	45.00	cashmere reversible ...	2XL	green
9903062	1	1	89.00	double brst 3 pc suit	36	black
9904623	1	0	12.00	multi image surf	S	white
9904621	1	0	12.00	multi image surf	XL	red
9904306	1	30	8.00	multiple colors and si...	N/A	white
9902770	1	3	0.00	multiwils	S	white
1007476	1	5	33.00	test willie	XS	RED
9903068	1	3	89.00	double brst 3 pc suit	40	black

- To add a new Kit, fill in the New Kit UPC and the first component like shown below and click on Add Kit button.

This image shows a close-up of the 'Create a New Kit' form. The 'New Kit UPC' field contains the value '9904955' and the 'First Component' field contains '9904957'. An 'Add Kit' button is located at the bottom of the form.

- The kit is now created. You will be able to see the list of kits on the left and the components on the right.

The screenshot shows the 'rpMkits.exe' application window. It features two data tables side-by-side. The left table lists kits, and the right table lists components. Below the tables are several control panels for kit management.

StoreID	productid	mkItUPC	onhand	Description	Size	Color	Wtl
01	Bicycle	9904955	0	A simple bicycle	N/A	N/A	

upc	quantity	onhand	UnitCost	description	size	color	wil
9904957	1	0	150.00	Bicycle Frame	N/A	N/A	

Below the tables, there are control panels for 'Create a New Kit', 'Kit Maintenance', 'Assembly', and 'Add a Component'. The 'Add a Component' panel is highlighted in the next image.

- To add more components, you can enter the component UPC, set the desired quantity and click on Add to Kit button like shown below.

This image shows a close-up of the 'Add a Component' panel. It contains the following elements:

- Add This Component:** A text input field containing '9904958'.
- Search...:** A button to search for the component.
- Add To Kit:** A button to add the component to the current kit.
- New Component Quantity:** A text input field containing '2'.
- Update Quantity:** A button to update the quantity.
- Delete Component:** A button to remove the component from the kit.

6. The component should now be added to the component list like shown below.

	upc	quantity	onhand	UnitCost	description	size	color	wil
	9904957	1	0	150.00	Bicycle Frame	N/A	N/A	
▶	9904958	2	0	20.00		N/A	N/A	

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7. To update the quantity of a component in the kit, you can select that component, change the value in the New Component Quantity textbox and click on the Update Quantity button.

	upc	quantity	onhand	UnitCost	description	size	color	wil
	9904957	1	0	150.00	Bicycle Frame	N/A	N/A	
▶	9904958	2	0	20.00		N/A	N/A	

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Assembly

Assemble

Disassemble

Reference

Process Kits Qty

Add a Component

Add This Component

Search...

New Component Quantity

- You should be able to see the change in the quantity after you click on the Update Quantity button.

	upc	quantity	onhand	UnitCost	description	size	color	wil
	9904957	1	0	150.00	Bicycle Frame	N/A	N/A	
▶	9904958	4	0	20.00		N/A	N/A	

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Assembling and Disassembling Kits

- We have the following kit components for a simple bicycle. Let's assume the bicycle has 4 wheels.

rpMkits.exe Ver.:2021-02-27 03:05 PM
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StoreID	productid	mkitUPC	onhand	Description	Size	Co
01	62-118-036	800125	913	Front besom part.	2	Bl
▶	01	Bicycle	9904955	A simple bicycle	N/A	N/
01	q1Bag	q1bag	10		N/A	N/

upc	quantity	onhand	UnitCost	description	size	cl
9904957	1	10	150.00	Bicycle Frame	N/A	N/
9904958	4	20	20.00	Bicycle Wheel	N/A	N/
9904959	1	5	5.00	Bicycle Seat	N/A	N/

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Search
Advanced Search
Store
01
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Create a New Kit

New Kit UPC

First Component

Add Kit

Kit Maintenance

Kit Weight Duplicate Kit...

Dbi-Click To Edit Note

Cost

Sale Price

MSRP Recalc Kit Price Update Kit Price

Assembly

Assemble

Disassemble

Reference

Process Kits Qty

Add a Component

Add This Component

Search...

Add To Kit

New Component Quantity Update Quantity

Delete Component

Worksheet Update Satellites Bye Bye

- We can assemble or disassemble the kits through this module which will change the on-hand values for the Kit Item (Bicycle) as well as the components (Frame, Wheel, Seat).
- To assemble a kit, click on the Assemble button, give a reference id, enter the Kits quantity (how many kits you want to assemble) and click on the Process button like shown below:

- You should see the change in the on-hand values for the kit item and components.

rpMkits.exe Ver.:2021-02-27 03:05 PM

StoreID	productid	mkitUPC	onhand	Description	Size	Co	upc	quantity	onhand	UnitCost	description
01	62-118-036	800125	913	Front besom part.	2	Blu	9904957	1	8	150.00	Bicycle Frame
01	Bicycle	9904955	12	A simple bicycle	N/A	N/A	9904958	4	12	20.00	Bicycle Wheel
01	q1Bag	q1bag	10		N/A	N/A	9904959	1	3	5.00	Bicycle Seat

Notice that the on-hand value for the Bicycle (left) changed from 10 to 12 because we assembled 2 bicycles.

Similarly, the on-hand value for the Bicycle Frame changed from 10 to 8 because two of them used in the assembly of 2 bicycles (1 each).

The on-hand value for the Bicycle Wheel changed from 20 to 12 because 8 of them were in the assembly of 2 bicycles (4 each).

The on-hand value for the Bicycle Seat changed from 5 to 3 because 2 of them were used in the assembly for 2 bicycles (1 each).

- Similarly, to disassemble the kit, select the disassemble button, give a reference id, enter the Process Kits Qty (how many you want to disassemble) and click on the Process button like shown below.

Assembly

Assemble

Disassemble

Reference

Process Kits Qty

- You will see the following change in the on-hand values.

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StoreID	productid	mktUPC	onhand	Description	Size	Co	upc	quantity	onhand	UnitCost	description	size	Co
01	62-118-036	800125	913	Front besom part.	2	Blu	9904957	1	10	150.00	Bicycle Frame	N/A	N
01	Bicycle	9904955	10	A simple bicycle	N/A	N	9904958	4	20	20.00	Bicycle Wheel	N/A	N
01	q1Bag	q1bag	10		N/A	N	9904959	1	5	5.00	Bicycle Seat	N/A	N

Notice that all the on-hand values for the kit as well as components reverted back to original as we first assembled 2 bicycle kits and disassembled 2 kits.