

Functional Tips for Print Envoy



This month's tip for getting more from your Print Envoy implementation!

Print Envoy: Inventory & Location Labels

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This month we will go over the 'Print Inventory Labels' and 'Print Location Labels' forms. These forms allow you to quickly and easily print labels for any item or location and allow you to define the printer and label quantity per label printed. The respective 'Print Handlers' that go along with these forms are 'Inventory Label Print' and 'Location Label Print'. This allows for additional customization of label data through SQL statements and template statements as usual with any Print Handler.

Inventory Labels

Navigate to DSI Print Envoy – Periodic – Print Inventory Labels.

The screenshot shows the 'Print Inventory Labels' form in DSI Print Envoy. The 'Print Labels' button is highlighted in red. The table below shows the inventory data for various items, including Surface Pro 128 GB and HDMI 6' Cables, across different warehouses and sites.

Item number	Product name	On order	Physical in...	Site	Warehouse	Color	Configuration	Size
1000	Surface Pro 128 GB		2.00	1	11			
1000	Surface Pro 128 GB		410.00	1	13			
1000	Surface Pro 128 GB		1.00	1	18			
1000	Surface Pro 128 GB		1.00	2	25			
A0001	HDMI 6' Cables	98,977.00	99,967.00	1	11			
A0001	HDMI 6' Cables		11.00	2	29			
A0001	HDMI 6' Cables		10.00	6	63			
A0001	HDMI 6' Cables		1.00	1	11			
A0001	HDMI 6' Cables		100,000.00	5	51			
A0001	HDMI 6' Cables		58.00	6	62			
A0001	HDMI 6' Cables		60.00	6	62			
A0001	HDMI 6' Cables		60.00	6	62			
A0001	HDMI 6' Cables		60.00	6	62			
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A0001	HDMI 6' Cables		60.00	6	62			

When you enter the form, you will notice that the items are already sorted by the 'Item number' field, as well as displaying a record for every warehouse an item is located in. For example, in the screenshot above, item '1000' has four records, each originating in a different warehouse. The items can even be separated by location when printing labels. This form also allows you to select multiple rows at a time per print job, we will now go over the print options which can be discovered by clicking the 'Print Labels' button highlighted at the top of the page.

Print Labels ▾ Display dimensions Options

Print Labels

Select options and settings for printing inventory labels.

Label Printer

Quantity to Print

Custom Quantity:

AOT Query

OK

Quantity to Print

Match On-Hand ▾

Match On-Hand

Match On-Order

One Per Line

Custom Quantity

One Per Location

Let's go over the fields displayed on the 'Print Labels' dialog and discuss their purpose.

- 1) **Label Printer** – this field will allow you to specify which printer you want the outputted label to print at. These are the printers defined in the 'Printers' form located at DSI Print Envoy – Printer Configuration – Printers.
- 2) **Quantity to Print** – This field allows you to choose from 5 different options, each specifying a different quantity based on the item and its properties.
 - a) **Match On-Hand** – This option will print a label quantity matching the on-hand physical inventory. So, if you choose an item with a quantity of 10 physical inventory at the specific warehouse tied to the record, 10 labels will be printed. The referenced 'Physical inventory' field is defined and displayed on the 'Print Inventory Labels' form.
 - b) **Match On-Order** – This option will print a label quantity matching the on-order quantity. If you choose a record with 5 records on order, 5 records would be printed. This field is displayed on the 'Print Inventory Labels' form as 'On order'.
 - c) **One Per Line** – This option as described will print one record per line you have selected. If you selected 10 records from the 'Print Inventory Labels' form and selected 'One Per Line' as the 'Quantity to Print', you would receive 10 labels, one per line you selected.
 - d) **Custom Quantity** – This option pairs with the 'Custom Quantity' field on the 'Print Labels' dialog seen above. If selected the corresponding field on the dialog will be enabled allowing you to specify a custom quantity. This quantity extends per line you have selected, so if you have 10 records selected, and specify a custom quantity of 2, 20 labels would be output.
 - e) **One Per Location** – Records on the 'Print Inventory Labels' form are already separated by warehouse. By selecting this option, it will further separate the record by location. For example, if you select item '1000' in warehouse 11, and the item has quantity in location 11 and 13, you will receive 2 labels, one per location.
- 3) **Custom Quantity** – Ties back to the 'Custom Quantity' 'Quantity to Print' option. When this option is selected this field will be enabled and allow the user to define a label quantity here.

- 4) **AOT Query** – The AOT query allows the user to define an already existing query created in X++. These queries cannot be created in D365, must already exist in a custom model or base model. This field is also located on every ‘Print Handler’, if you make an incorrect selection here, the label will still print, but it will give the user a warning message.

Once you make your selections on the dialog, the ‘Ok’ button will appear visible and allow you to click it to finish the print job.

Location Labels

Navigate to DSI Print Envoy – Periodic – Print Location Labels.

Print Location Lables

Standard view

Filter

Location	Warehouse	Location type	Location profile ID	Aisle	Rack	Sort code	Check digits
11	11	Bulk location		11	0	0	
12	12	Bulk location		12	0	0	
L01	12	Bulk location		12	0	0	
L75	12	Bulk location		12	0	0	
L83	12	Bulk location		12	0	0	
L85	12	Bulk location		12	0	0	
801	12-801	Bulk location		Default	0	0	
802	12-802	Bulk location		Default	0	0	
13	13	Bulk location		13	0	0	
01-01-1-1	22	Picking location		01	1	0	
01-01-2-1	22	Bulk location		01	1	0	
01-01-3-1	22	Bulk location		01	1	0	
01-02-1-1	22	Picking location		01	2	0	

As you enter the form you will notice that it displays each location you have set up in D365, as well as displaying some relevant information corresponding to the warehouse locations. Like the ‘Print Inventory Labels’ form you are allowed to select multiple rows at a time to print.

Print Labels ▾ | Options 🔍

Print Labels

Select options and settings for printing location labels.

Label Printer

Quantity to Print

OK

The 'Print Labels' dialog is much simpler than the 'Print Inventory Labels' counterpart. This is due to the lack of different print scenarios for locations. In this dialog you simply select a 'Label Printer' from the drop-down and input your desired print quantity in the 'Quantity to Print' field.

Once you have filled out those two fields, the 'OK' button will be enabled, allowing you to finish the print job.

Thanks for making it this far, and I hope that you will be able to find value in these respective forms! We are constantly striving to make user-friendly improvements and increase the value of Print Envoy as a whole. Please reach out to me at harrison.brazelton@cloudinventory.com if you have any questions or concerns regarding the described processes, or if you have any ideas of your own that you believe would be beneficial to the functionality or value.

Our General Contact Information

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