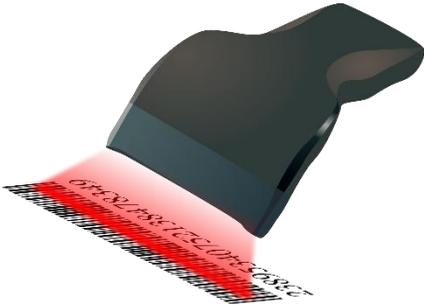


Functional Tips for ScanWorkX



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

ScanWorkX for D365: External Item Lookups

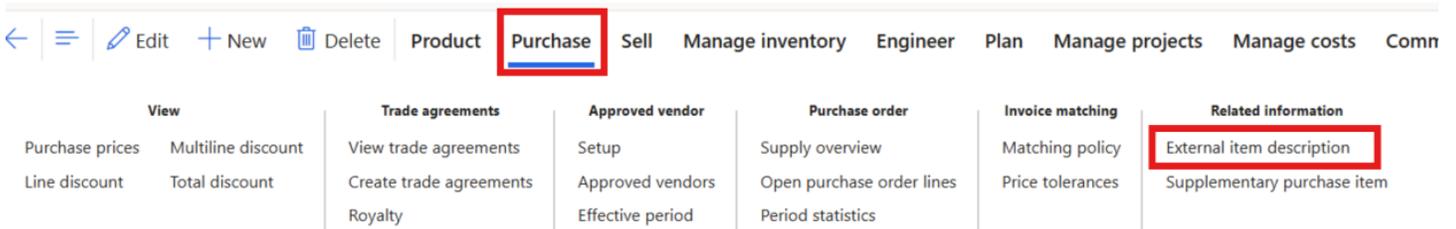
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In this month's edition of the ScanWorkX newsletter we will be discussing external item lookups and how to leverage them in our base ScanWorkX applications 'Count' and 'Transfer'. External item lookups are very useful, for example, if you are receiving items from vendors that are already labeled/barcoded with an item number, users can just simply scan the existing item number and D365 will automatically translate and link it to your item number without needing to re-label the item. This feature is currently limited to these two applications but can be added to any base or custom ScanWorkX application. If you have a use case for the external item look up outside of the 'Count' and 'Transfer' applications, please do not hesitate to reach out! Now, let's jump into the explanation and demonstration of this feature.

Enabling External Item Lookups

External item lookups are a way you can tie together existing customer or vendor item numbers with your own item numbers set up in D365. I will go over a quick example of how this works in D365, first you will need to navigate to Product information management – Products – Released products and select an item you want to evaluate.



Released product details | Standard view

A0001 : HDMI 6' Cables

General

You can find vendor specific item lookups in the 'Purchase' tab by clicking on 'External item description' highlighted above. You can also set and utilize external item numbers for customers under the 'Sell' tab the same way you do here.

External item descriptions | A0001 : HDMI 6' Cables

Standard view ▾

Filter

ABC code	Account code	Vendor relation	External item number	Description	External item t
None	Table	1001	TestExternalItemNum		

Here you can view already defined external item numbers or add them yourself. In this example, I just have one external item number, 'TestExternalItemNum' linked to the vendor '1001'.

- Count
- Journal
- Counted/Total
- Loc Type
- Next Loc
- Count Item
- Vendor Item Id**
- Item
- [No prompt]
- Status (DISABLED)
- Lic Plate (DISABLED)
- Reason Code
- Location
- Config (DISABLED)
- Size (DISABLED)
- Color (DISABLED)
- Style (DISABLED)
- Serial
- Batch (DISABLED)
- Behavior
- Current Qty

Application Field Editor

Details

FIELD OPTIONS

Field ID: VendorItemId

Prompt: Vendor Item Id

Display: Vendor Item Id

Enabled Yes

Uppercase Yes

Auto-Populate: None

Remain in field: No

Has UOM: No

Multiple UoM: No

LIST OF VALUE

LOV Header: _____

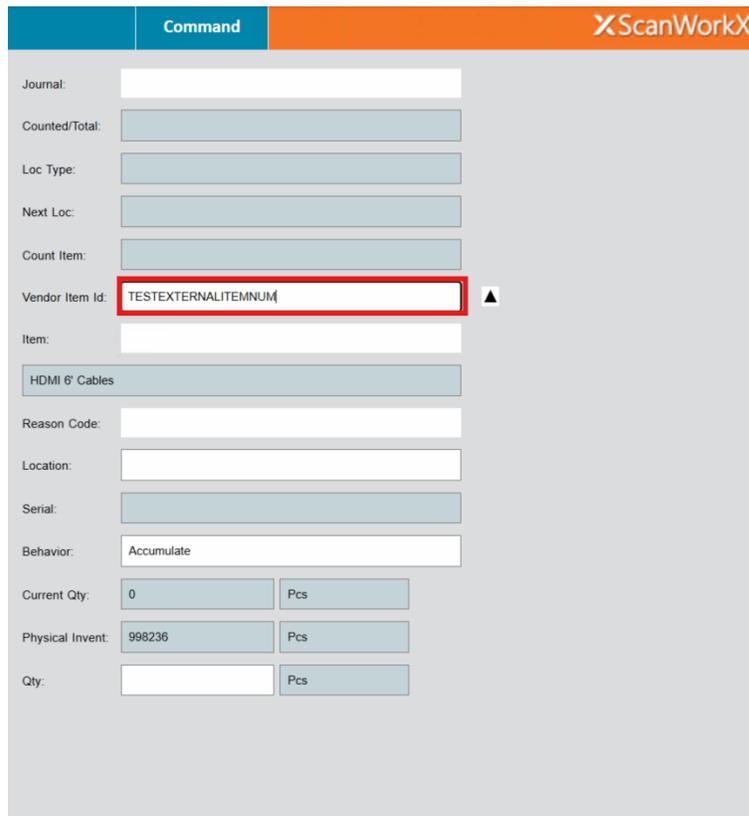
The next step is to navigate to DSI ScanWorkX – Application Setup – Application Field Editor and making sure you have the 'Vendor Item Id' field enabled to use this feature. I am going to be using this feature on the 'Count' application, but you can do this for either 'Count' or 'Transfer' assuming you have a new DLL with the feature added. If it is your first time running the application with the new DLL, you will want to reset the application field editor fields for the 'Count' or 'Transfer' application respectively, and run the application at least once to allow the new field to be built.

Application Name	Name	Value	Site ID	Description
Count	Create Journals	Y	All	Allow users to create new Count Journals when 'Manual' Journal Selection Meth...
Count	Custom Next Location Query	N	All	When set to 'Y' the field will not use the standard auto-populate code and will in...
Count	Default Counting Reason Code		All	Reason code to use for count journal
Count	Default Invent Status	User	All	Default the invent status field with a predefined status or let the user choose
Count	Default UOM Method	Inventory	All	Determines where to get default UOM
Count	External Item Lookup	Purchase	All	How to search CustVendExternalItem table
Count	Generate New LP	Select a value		Allow ScanWorkX generate LP from AX number sequence when blank is entered
Count	Journal Consolidation	Purchase		'Y' = Consolidate Journals by site or by warehouse
Count	Journal Consolidation Scope	PurchaseSales		Journal for Warehouse or Site
Count	Journal Line Date	Sales		Date to be used on journal lines
Count	Journal Selection Method			Allow the transaction to create new journals as needed, or require the user to sel...
Count	Location Lock			Restrict users to one location until lock is released
Count	Negative Accumulation			Allow users to enter negative numbers to decrease quantities
Count	New Line Additions	Y	All	Allow users to add items to count that are not in the current journal

You will also want to navigate to DSI ScanWorkX – Application Setup – Application Parameters and find the ‘External Item Lookup’ parameter and choose whether you are wanting to lookup vendor, customer, or both external item Ids, in this example I will only be using the vendor external item lookup which correlates to the parameter value ‘Purchase’.

External Item Lookups in ScanWorkX

After you have confirmed an item’s external lookup item number and you have configured a ScanWorkX application to enable the ‘Vendor Item Id’ field you can start the application and begin running through the fields as you normally would.



The image shows the ScanWorkX application interface. The 'Vendor Item Id' field is highlighted with a red box and contains the text 'TESTEXTERNALITEMNUM'. Other fields include Journal, Counted/Total, Loc Type, Next Loc, Count Item, Item (HDMI 6' Cables), Reason Code, Location, Serial, Behavior (Accumulate), Current Qty (0), Physical Invent (998236), and Qty.

When you get to the 'Vendor Item Id' field, enter in the external item number and validate the field.

The screenshot shows the ScanWorkX interface with the following fields and values:

- Journal: [Empty]
- Counted/Total: [Empty]
- Loc Type: [Empty]
- Next Loc: [Empty]
- Count Item: [Empty]
- Vendor Item Id: TESTEXTERNALITEMNUM
- Item: A0001
- HDMI 6' Cables
- Reason Code: [Empty]
- Location: [Empty]
- Serial: [Empty]
- Behavior: Accumulate
- Current Qty: 0 Pcs
- Physical Invent: 998236 Pcs
- Qty: [Empty] Pcs

Once you have validated the field, it will automatically populate the 'Item' field, and the item description displayed underneath the 'Item' field.

The screenshot shows the ScanWorkX interface with the following fields and values:

- Journal: [Empty]
- Counted/Total: [Empty]
- Loc Type: [Empty]
- Next Loc: [Empty]
- Count Item: [Empty]
- Vendor Item Id: [Empty]
- Item: A0001
- HDMI 6' Cables
- Reason Code: [Empty]
- Location: [Empty]
- Serial: [Empty]
- Behavior: Accumulate
- Current Qty: 0 Pcs
- Physical Invent: 998236 Pcs
- Qty: [Empty] Pcs

You can also choose to ignore the field and just jump straight to the 'Item' field. This is useful for situations where some items have external item numbers labeled on an item for users to scan, while other items may not have that information available.

Thank you for reading along and I hope this brief article can help you add more value to your ScanWorkX implementation! If you would like to know more about external item lookups in ScanWorkX, have any questions/issues, or if you have an idea you think would be a beneficial addition to ScanWorkX, please do not hesitate to reach out to us at harrison.brazelton@nextw.com.