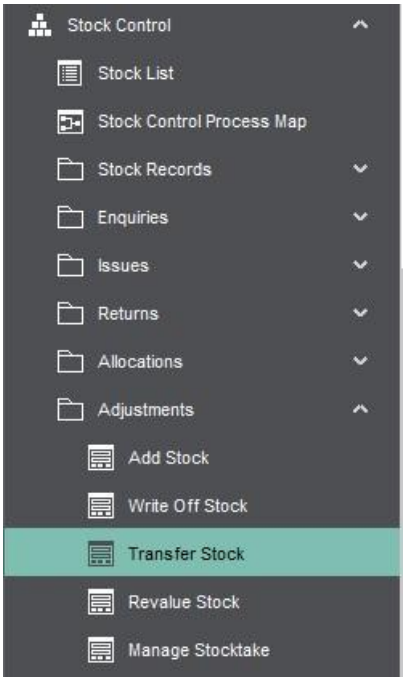
Excel Data Bridge

Stock Transfer Function

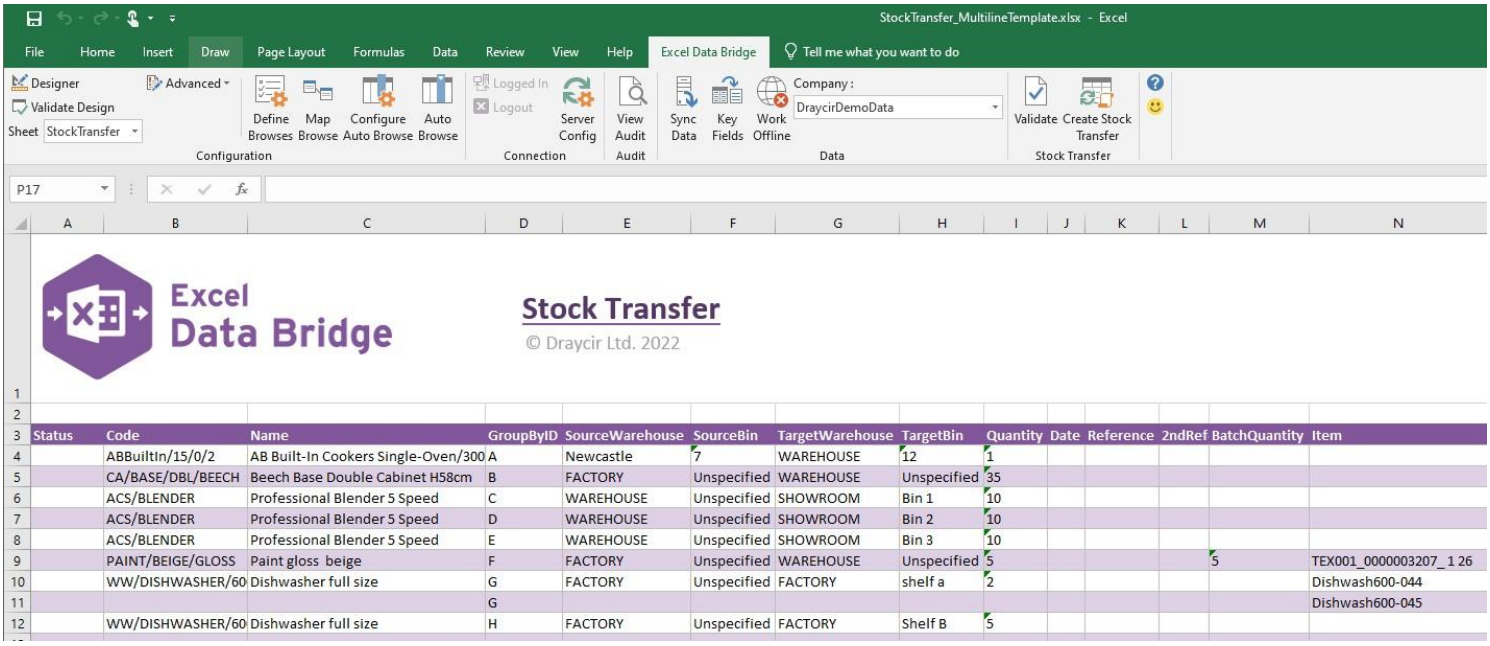
Introduction

The Stock Transfer function allows active stock items to be transferred between existing Sage 200 warehouses and bins.

It emulates the stock transfer feature available in Sage 200 via **Stock Control > Adjustments > Transfer Stock**.



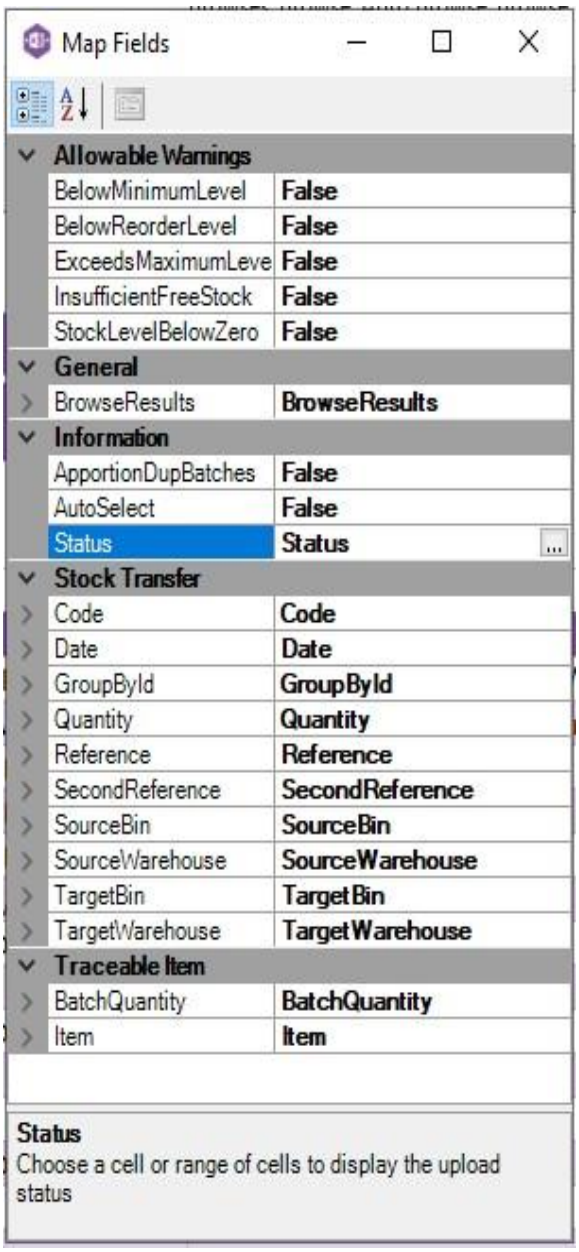
The multiline template allows multiple stock transfers to be recorded in Sage 200 at the same time.



Status	Code	Name	GroupByID	SourceWarehouse	SourceBin	TargetWarehouse	TargetBin	Quantity	Date	Reference	2ndRef	BatchQuantity	Item
	ABBuiltIn/15/0/2	AB Built-In Cookers Single-Oven/300	A	Newcastle	7	WAREHOUSE	12	1					
	CA/BASE/DBL/BEECH	Beech Base Double Cabinet H58cm	B	FACTORY	Unspecified	WAREHOUSE	Unspecified	35					
	ACS/BLENDER	Professional Blender 5 Speed	C	WAREHOUSE	Unspecified	SHOWROOM	Bin 1	10					
	ACS/BLENDER	Professional Blender 5 Speed	D	WAREHOUSE	Unspecified	SHOWROOM	Bin 2	10					
	ACS/BLENDER	Professional Blender 5 Speed	E	WAREHOUSE	Unspecified	SHOWROOM	Bin 3	10					
	PAINT/BEIGE/GLOSS	Paint gloss beige	F	FACTORY	Unspecified	WAREHOUSE	Unspecified	5				5	TEX001_0000003207_1 26
	WW/DISHWASHER/60	Dishwasher full size	G	FACTORY	Unspecified	FACTORY	shelf a	2					Dishwash600-044
			G										Dishwash600-045
	WW/DISHWASHER/60	Dishwasher full size	H	FACTORY	Unspecified	FACTORY	Shelf B	5					

Field Mappings

The field mappings are controlled within the **Designer** button in the Excel Data Bridge tab.



The **Allowable Warnings** section contains properties that will either **stop (False)** or **allow (True)** stock transfers that may adversely affect stock levels.

The **General** section allows custom cell mappings to be created to hold data from browses. ***Not covered in this document***

The **Information** section contains both Excel Data Bridge specific fields, and settings controlling how stock transfers can be posted to Sage 200.

The **Stock Transfer** section shows all Sage 200 fields available to the stock transfer in the left-hand column.

If an entry appears in the right-hand column, it means the Sage 200 field is mapped to a cell, or range of cells in the Excel worksheet. We can see in this worksheet that *all* available Sage 200 fields are mapped in Excel Data Bridge.

The **Traceable Item** section allows **Batch / Serial Numbered** stock items to be assigned to the transfer.

An explanation of the property selected is shown at the bottom of the Designer window.

NOTE – These default mappings can be amended to suit your business requirement and will be explained later in the document.

Multiline Template

The table below explains the purpose of each of the available fields: -

Status	Populated when selecting either the **Validate** or **Create Stock Transfer** buttons on the Excel Data Bridge ribbon. • The default status on a successful validation will be **Pending** • The default status on a successful creation will be **Processed** When attempting to post to Sage 200, the status field should either be cleared, or display a status of **Pending**. Any other data entered in this field will prevent the transfer being created in Sage 200. Should an error be returned in this cell when attempting to post, it will appear in **red**. The error should be corrected in the worksheet, and the status field cleared before attempting to post again.
Code	Enter the Sage 200 stock code by either typing it in manually or browsing your Sage 200 data by right clicking on the cell and selecting Excel Data Bridge Browse.
Name	The stock code name will be updated based upon stock code selection from a browse.
GroupByID	***IMPORTANT - See section for Group By ID on page 10***
SourceWarehouse	Enter the warehouse the stock is being moved **from**, by either typing it in manually or browsing on the cell to select from Sage 200 data.
SourceBin	The source bin will be updated based upon source warehouse selection from a browse.
TargetWarehouse	Enter the warehouse the stock is being moved **to**, by either typing it in manually or browsing on the cell to select from Sage 200 data.
TargetBin	The target bin will be updated based upon target warehouse selection from a browse.
Quantity	Enter the quantity to be transferred.
Date	Enter the date of the stock transfer or leave blank to use today's date.
Reference	Enter any data required to populate the **Reference** field against the stock transfer in Sage 200.

2ndReference	Enter any data required to populate the **2ndReference** field against the stock transfer in Sage 200.
BatchQuantity	***For Batch Numbered stock items only*** Enter the quantity of the batch numbered stock items to be assigned to the stock transfer.
Item	***For both Batch and Serial Numbered stock items*** Browse this cell to manually select which batch / serial number the stock transfer should use. ***To allow automatic selection of Batch / Serial Numbers, see page 9.***

Creating Stock Transfers

All Sage 200 stock items will belong to one of the following traceable types: -

- Non-Traceable
- Batch Numbered
- Serial Numbered

How stock transfers are entered in the Stock Transfer sheet depends on the traceable type of the stock item being transferred. All examples will be covered in this document.

Non-Traceable Stock Items

When creating stock transfers for **non-traceable** stock items, the only columns required for completion are columns **B – L**.

This example shows two stock transfers for two different Sage 200 stock items. The first transfer shows **1 item** being moved from **Bin 7** at the **Newcastle** location to **Bin 12** at the **Warehouse**. The second transfer shows **35 items** being moved from the **Factory** to the **Warehouse**.

A	B	C	D	E	F	G	H	I	J	K	L
Status	Code	Name	GroupByID	SourceWarehouse	SourceBin	TargetWarehouse	TargetBin	Quantity	Date	Reference	2ndRef
	ABBuiltIn/15/0/2	AB Built-In Cookers Single-Oven/300	A	Newcastle	7	WAREHOUSE	12	1			
	CA/BASE/DBL/BEECH	Beech Base Double Cabinet H58cm	B	FACTORY	Unspecified	WAREHOUSE	Unspecified	35			

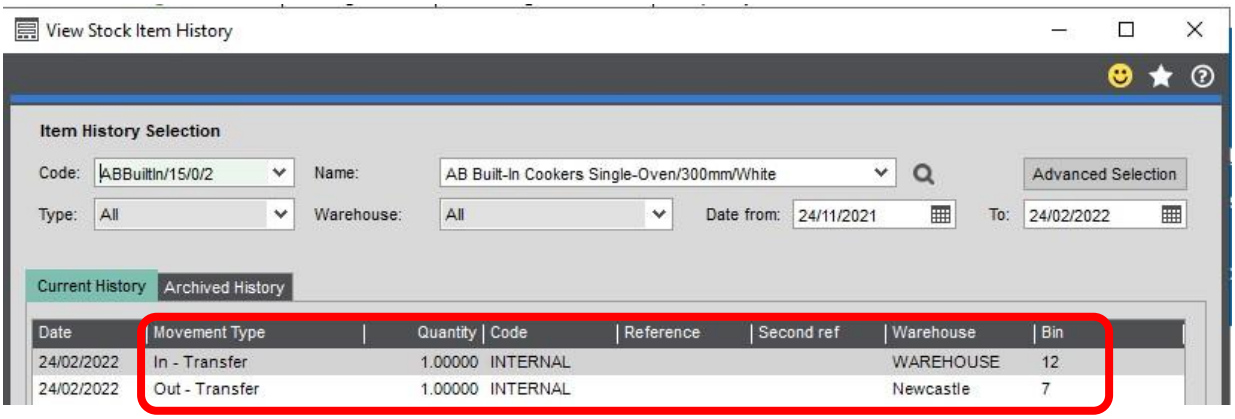
This example shows a stock transfer moving a total of **30 items** from the **Warehouse** location split between **Bins 1, 2** and **3** at the **Showroom**.

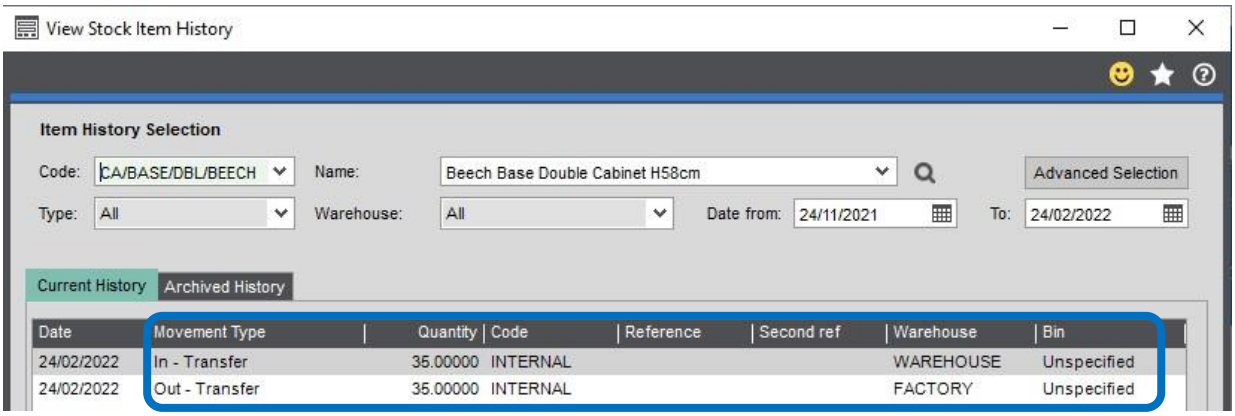
A	B	C	D	E	F	G	H	I	J	K	L
Status	Code	Name	GroupByID	SourceWarehouse	SourceBin	TargetWarehouse	TargetBin	Quantity	Date	Reference	2ndRef
	ACS/BLENDER	Professional Blender 5 Speed	C	WAREHOUSE	Unspecified	SHOWROOM	Bin 1	10			
	ACS/BLENDER	Professional Blender 5 Speed	D	WAREHOUSE	Unspecified	SHOWROOM	Bin 2	10			
	ACS/BLENDER	Professional Blender 5 Speed	E	WAREHOUSE	Unspecified	SHOWROOM	Bin 3	10			

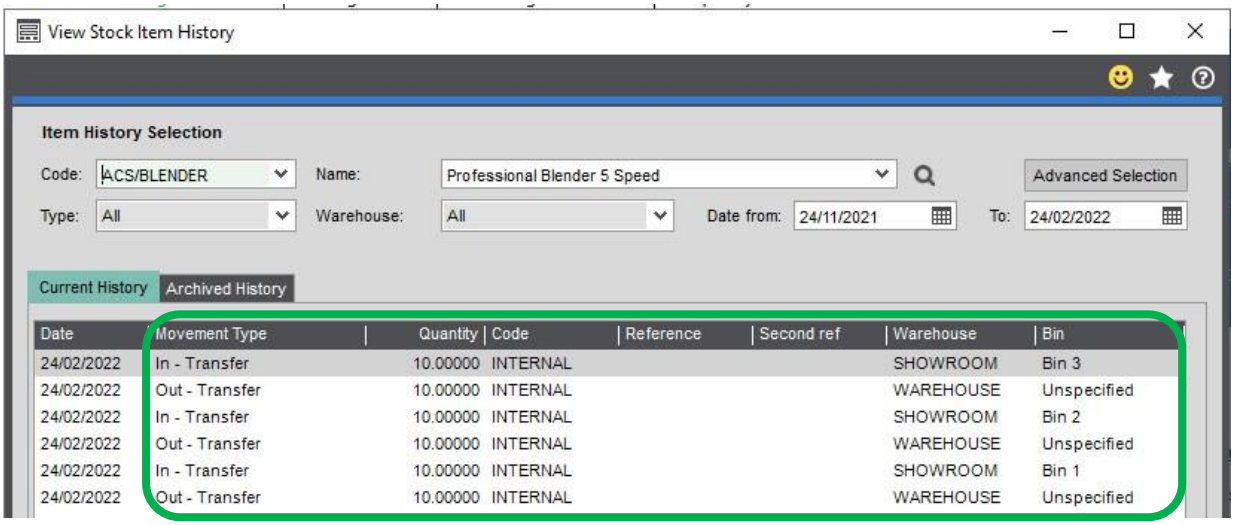
Once you have entered your stock transfer data in the template, you have the following options: -

- **Validate (optional) –** will run the data through a validation check and result in a status of **Pending**, if successful. If validation is unsuccessful, an error will be returned in **red**. This error must be rectified, and the error cleared from the status field before either validating again or selecting to Create Stock Transfer.
- **Create Stock Transfer –** will attempt to create the stock transfer in Sage 200. This process also performs a full Sage validation check. If successful, the status cell will change to **Processed**.

The stock transfers can be traced in Sage 200 by viewing the stock item history.


View Stock Item History
Item History Selection
Code: ABBuiltIn/15/0/2
Name: AB Built-In Cookers Single-Oven/300mm/White
Advanced Selection
Type: All
Warehouse: All
Date from: 24/11/2021
To: 24/02/2022
Current History
Archived History
Date | Movement Type | Quantity | Code | Reference | Second ref | Warehouse | Bin
24/02/2022 | In - Transfer | 1.00000 | INTERNAL | | | WAREHOUSE | 12
24/02/2022 | Out - Transfer | 1.00000 | INTERNAL | | | Newcastle | 7


View Stock Item History
Item History Selection
Code: CA/BASE/DBL/BEECH
Name: Beech Base Double Cabinet H58cm
Advanced Selection
Type: All
Warehouse: All
Date from: 24/11/2021
To: 24/02/2022
Current History
Archived History
Date | Movement Type | Quantity | Code | Reference | Second ref | Warehouse | Bin
24/02/2022 | In - Transfer | 35.00000 | INTERNAL | | | WAREHOUSE | Unspecified
24/02/2022 | Out - Transfer | 35.00000 | INTERNAL | | | FACTORY | Unspecified


View Stock Item History
Item History Selection
Code: ACS/BLENDER
Name: Professional Blender 5 Speed
Advanced Selection
Type: All
Warehouse: All
Date from: 24/11/2021
To: 24/02/2022
Current History
Archived History
Date | Movement Type | Quantity | Code | Reference | Second ref | Warehouse | Bin
24/02/2022 | In - Transfer | 10.00000 | INTERNAL | | | SHOWROOM | Bin 3
24/02/2022 | Out - Transfer | 10.00000 | INTERNAL | | | WAREHOUSE | Unspecified
24/02/2022 | In - Transfer | 10.00000 | INTERNAL | | | SHOWROOM | Bin 2
24/02/2022 | Out - Transfer | 10.00000 | INTERNAL | | | WAREHOUSE | Unspecified
24/02/2022 | In - Transfer | 10.00000 | INTERNAL | | | SHOWROOM | Bin 1
24/02/2022 | Out - Transfer | 10.00000 | INTERNAL | | | WAREHOUSE | Unspecified

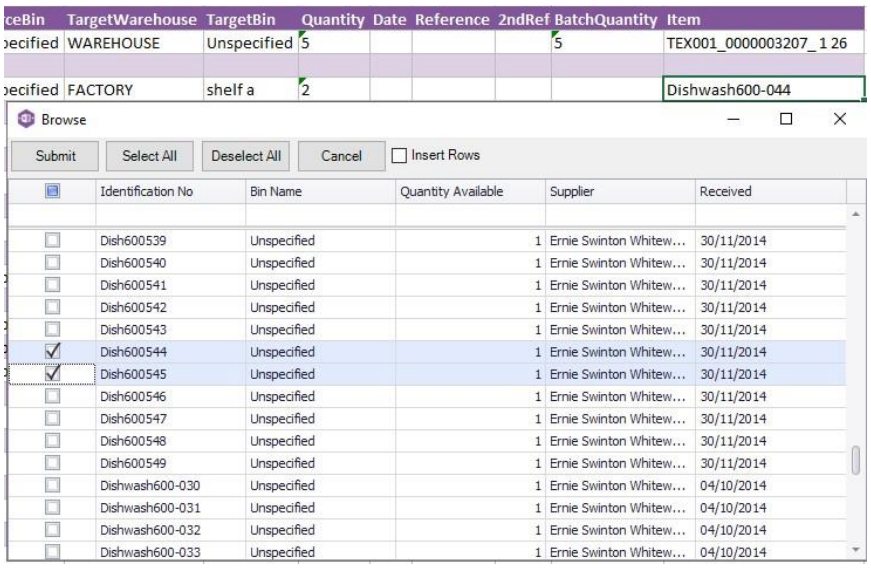
Stock Items traceable by Batch / Serial Number

When creating stock transfers for stock items that are **traceable,** extra columns are available to allow the batch / serial number of the stock items to be assigned to the stock transfer.

- Complete columns **M – N** for **Batch Numbered** stock items
- Complete column **N** only for **Serial Numbered** stock items

M	N
BatchQuantity	Item
5	TEX001_0000003207_1 26
	Dishwash600-044
	Dishwash600-045

When browsing on column **N**, any available batch / serial numbered stock assigned to the Source Warehouse for the stock item in Sage 200 will appear for selection.



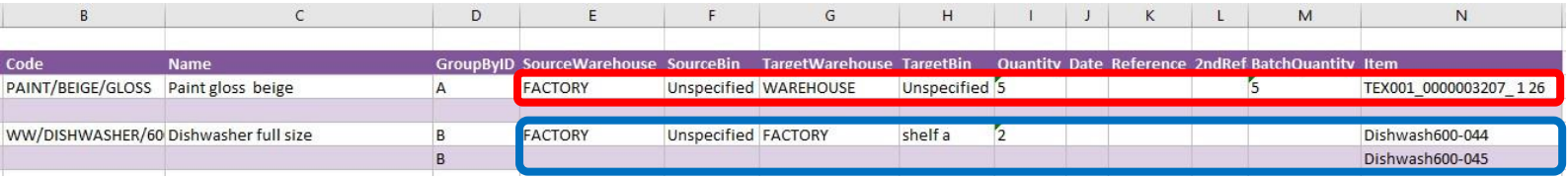
ceBin	TargetWarehouse	TargetBin	Quantity	Date	Reference	2ndRef	BatchQuantity	Item
ecified	WAREHOUSE	Unspecified	5				5	TEX001_0000003207_1 26
ecified	FACTORY	shelf a	2					Dishwash600-044

Browse

Submit | Select All | Deselect All | Cancel | Insert Rows

	Identification No	Bin Name	Quantity Available	Supplier	Received
☐	Dish600539	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600540	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600541	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600542	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600543	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☑	Dish600544	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☑	Dish600545	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600546	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600547	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600548	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dish600549	Unspecified	1	Ernie Swinton Whitew…	30/11/2014
☐	Dishwash600-030	Unspecified	1	Ernie Swinton Whitew…	04/10/2014
☐	Dishwash600-031	Unspecified	1	Ernie Swinton Whitew…	04/10/2014
☐	Dishwash600-032	Unspecified	1	Ernie Swinton Whitew…	04/10/2014
☐	Dishwash600-033	Unspecified	1	Ernie Swinton Whitew…	04/10/2014

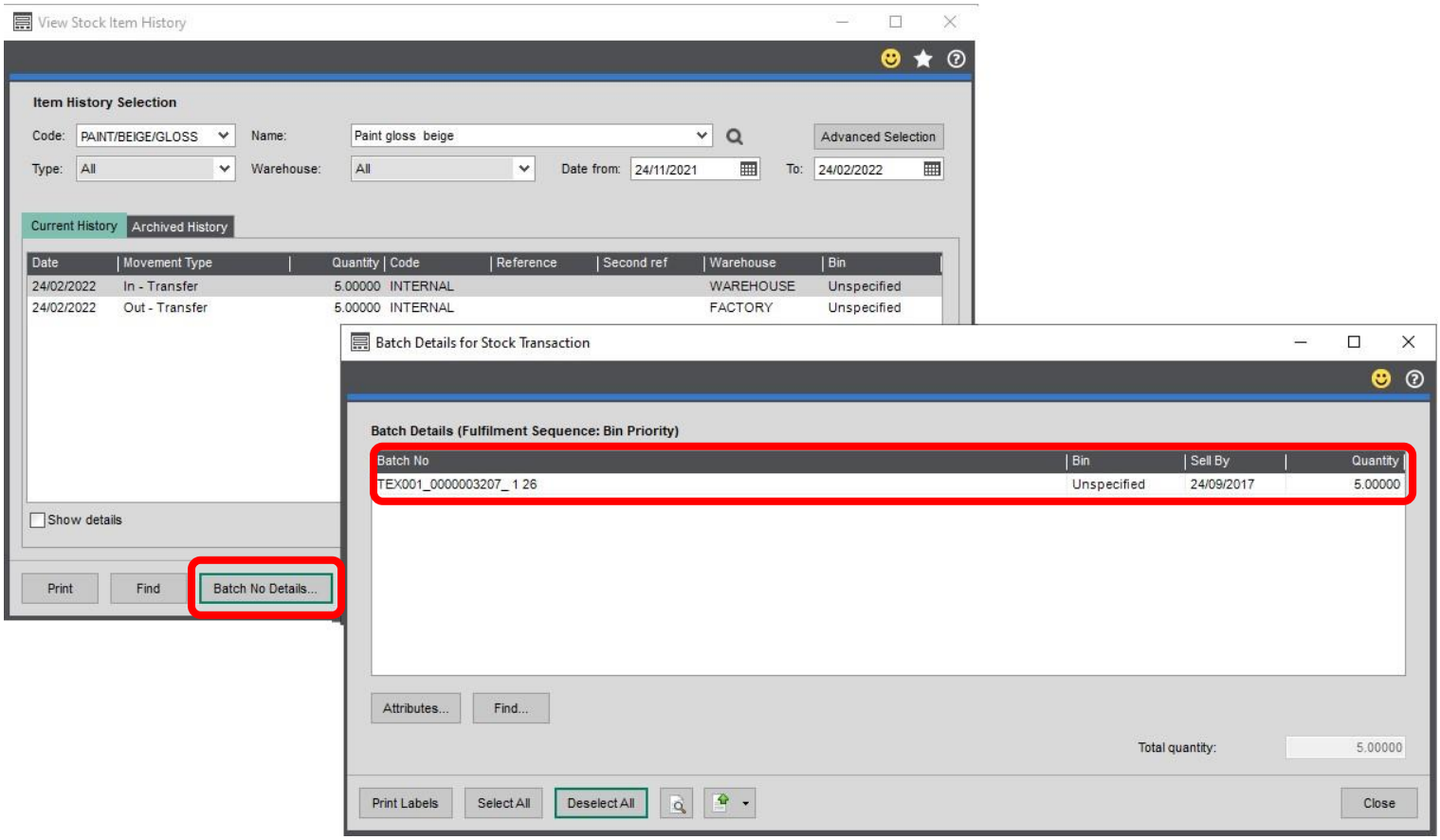
The first transfer shows a **Batch Numbered** stock item where a quantity of **5** from a specific batch of stock has been transferred between the **FACTORY** and **WAREHOUSE** locations.

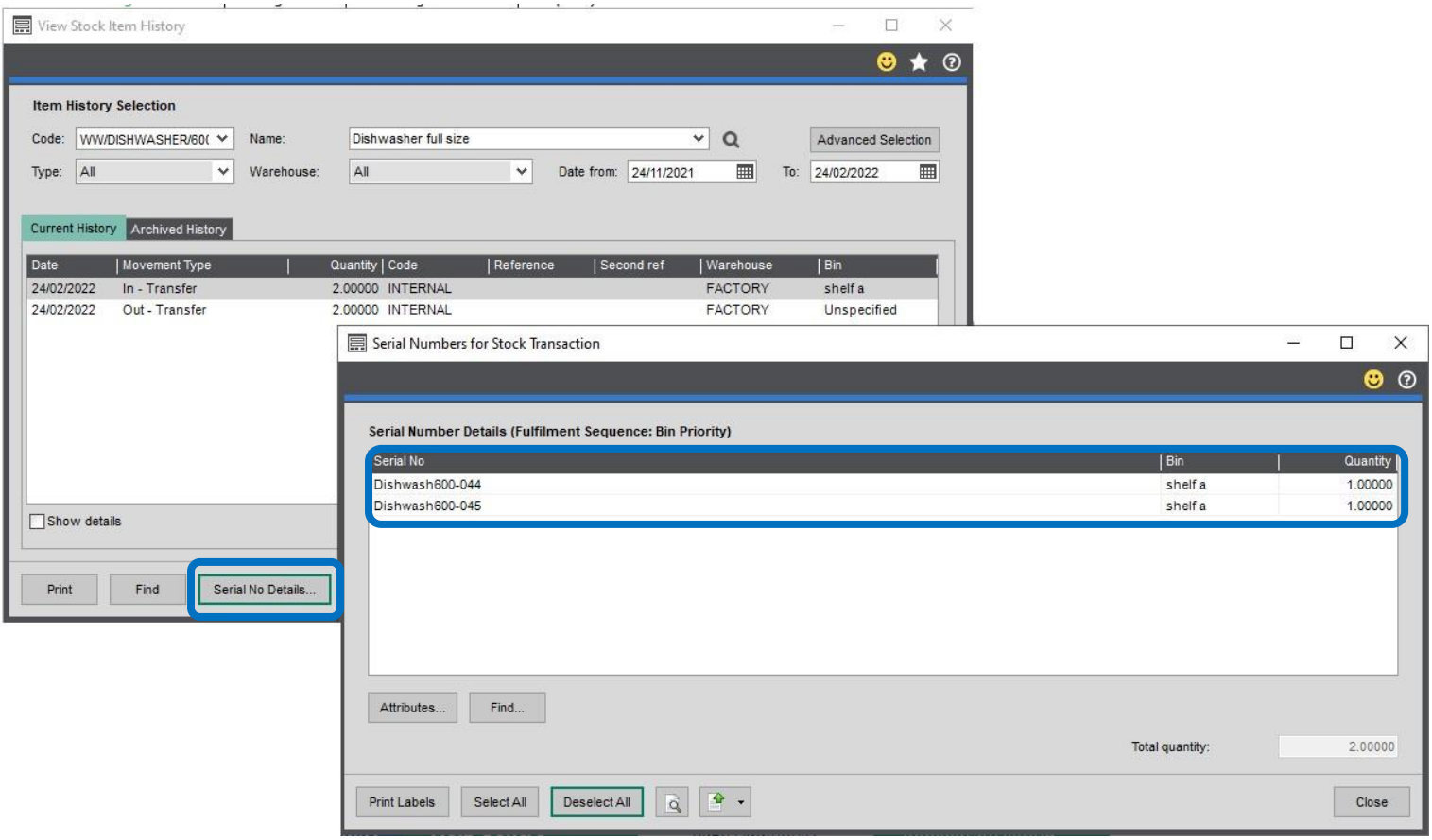


Code	Name	GroupByID	SourceWarehouse	SourceBin	TargetWarehouse	TargetBin	Quantity	Date	Reference	2ndRef	BatchQuantity	Item
PAINT/BEIGE/GLOSS	Paint gloss beige	A	FACTORY	Unspecified	WAREHOUSE	Unspecified	5				5	TEX001_0000003207_1 26
WW/DISHWASHER/60	Dishwasher full size	B	FACTORY	Unspecified	FACTORY	shelf a	2					Dishwash600-044
		B										Dishwash600-045

The second transfer shows a **Serial Numbered** stock item where a quantity of **2** serial numbered items have been moved from an unspecified location in the **FACTORY** to **Shelf A**.

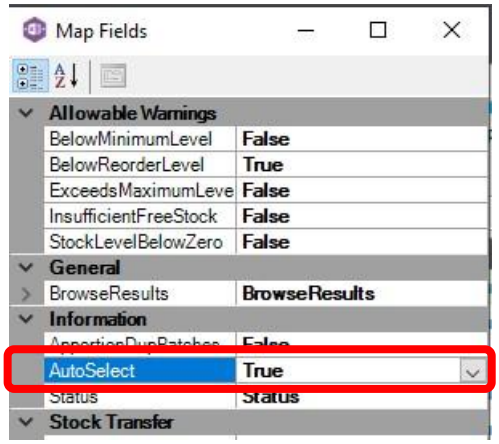
The batch / serial numbers transferred can be viewed by selecting either the **Batch No Details** or **Serial No Details** buttons when viewing the stock item history in Sage 200.





Auto Select

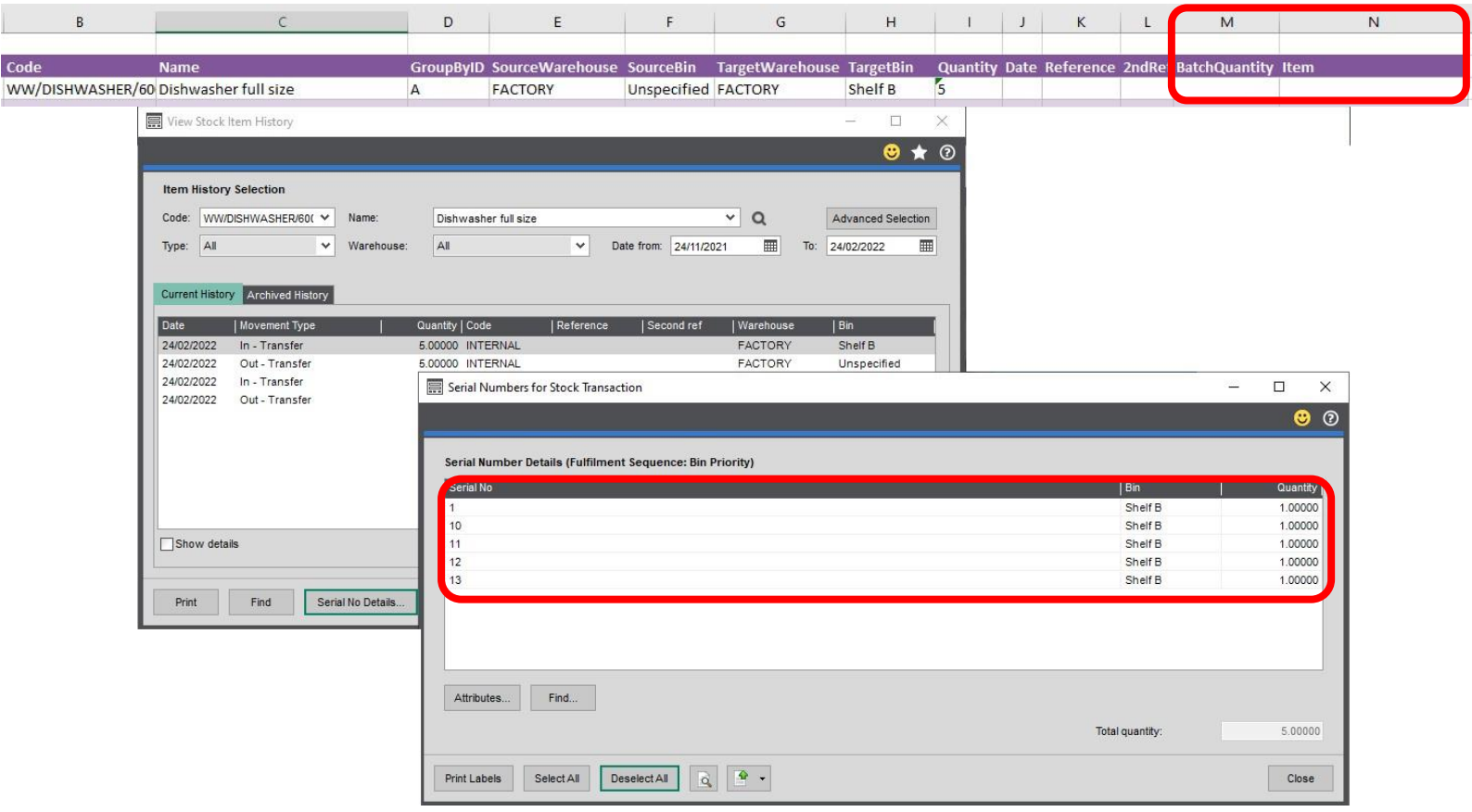
When transferring **Batch / Serial Numbered** traceable stock items, rather than *manually* browsing to select the required batch / serial number to be transferred, Excel Data Bridge can *automatically* select the batch / serial numbers for you.



To do this, open the **Designer** and amend the **Auto Select** property to true. Excel Data Bridge will then automatically assign the batch / serial numbers in order until the required quantity is satisfied.

When entering the stock transfer data in the worksheet, ***do not populate columns M – N*** before clicking **Create Stock Transfer**.

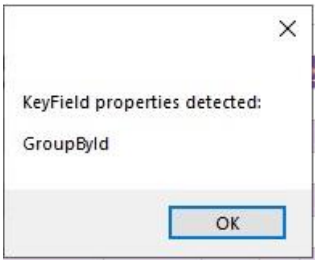
On posting to Sage 200, the batch / serial numbered items will have been automatically assigned.



Group By ID

When posting multiple stock transfers to Sage 200 at once, Excel Data Bridge needs to let Sage 200 know when a new stock transfer should be created. It does this by assigning certain fields as “key fields” which can be seen by selecting the **Key Fields** button from the ribbon.

The only key field assigned in the Stock Transfer worksheet is the field for **Group By ID,** so when posting multiple stock transfers via Excel Data Bridge, it’s vital that data is entered in this column.



If unique data is entered in the **Group By ID** field against each stock transfer, separate stock transfers will be created in Sage 200.

See screenshot below where four stock transfers are shown, and the letters **A, B, C** and **D** have been entered against each stock transfer.

	Status	Code	Name	GroupByID	ourceWarehouse	SourceBin	TargetWarehouse	TargetBin	Quantity	Date	Ref	2ndRef	BatchQuantity	Item
4		PAINT/BEIGE/GLOSS	Paint gloss beige	A	ACTORY	Unspecified	WAREHOUSE	Unspecified	1				1	TEX001_0000003241_1 94
5		PAINT/BEIGE/MATT	Paint beige Matt	B	ACTORY	Unspecified	WAREHOUSE	Unspecified	1				1	TEX001_0000003241_2 27
6		PAINT/WHITE/GLOSS	Paint White Gloss	C	VAREHOUSE	Unspecified	FACTORY	Unspecified	1				1	JOH001_0000003234_1 86
7		PAINT/WHITE/MATT	Paint White Matt	D	ACTORY	Unspecified	WAREHOUSE	Unspecified	1				1	PntWhtMt322

Any unique data can be entered in the Group By ID field, so using numbers 1, 2, 3 and 4 instead would have had the same effect.

In this example, leaving Group By ID <u>empty</u> would post a single stock transfer to Sage 200 for the first row of data found in the worksheet. Any subsequent stock transfers in the worksheet would be ignored, and therefore not posted to Sage 200.

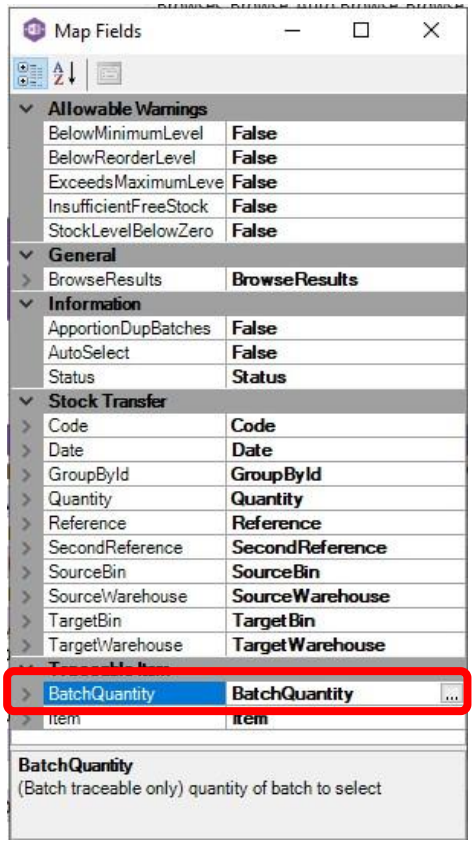
Amending Templates

Deleting unwanted columns

Deleting unwanted columns within a template is a two-step process: -

1. Remove the field mappings from the Designer
2. Delete the columns in the Excel template

Open the **Designer** to view the current field mappings. If for example, the **Batch Quantity** column is not required on the worksheet, this can be unmapped, and the column deleted.



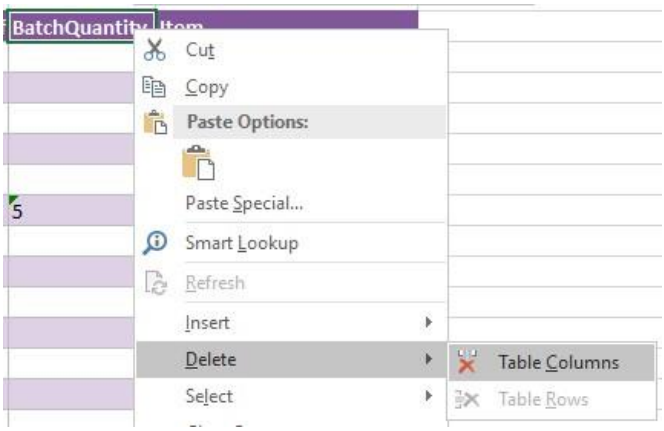
1. Clear the mapping against the first field no longer required

2. Repeat for any other unrequired fields

3. Close the Designer

4. Click **Validate Design** to check for errors

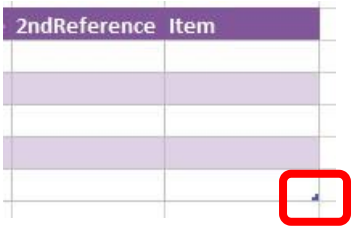
Right click the column heading to remove and select **Delete > Table Columns**. Repeat for any other columns required.



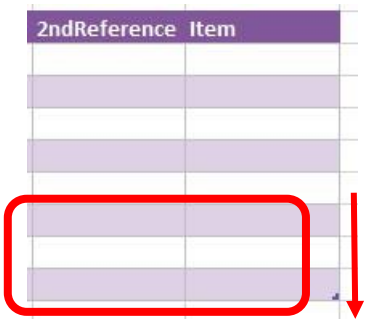
Adding Rows and Columns

The worksheet templates have been created in an Excel table with the correct formatting applied.

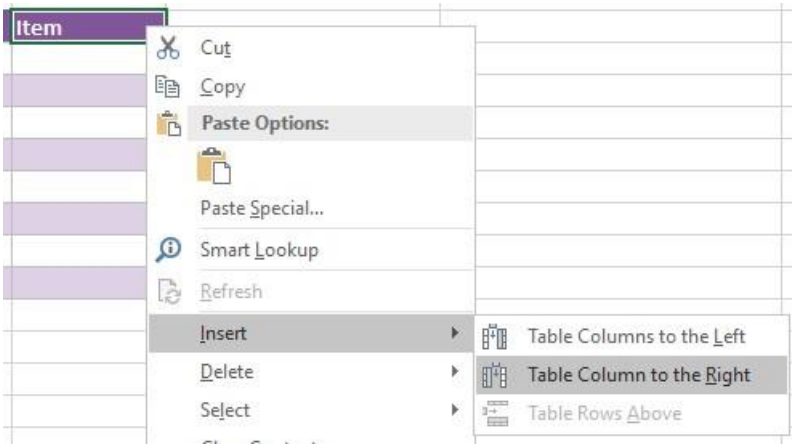
To add additional **rows**, firstly locate the cell at the bottom right-hand corner of the formatted table.



Now select the cell, then click and drag down on the arrow. Extra rows will be added with the correct formatting.

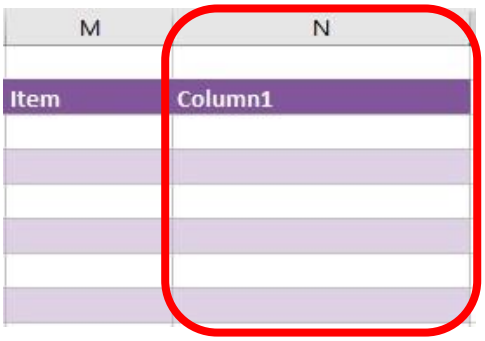


If a column has been deleted in error and you'd like to bring it back again, right click on the column heading where you would like your new column to appear and select either: -



- **Insert > Table Columns to the Left**
- **Insert > Table Columns to the Right**

A new column will be added, named **Column1**. Rename the column in Excel, then refer to the next section on how to map this column in the Designer.

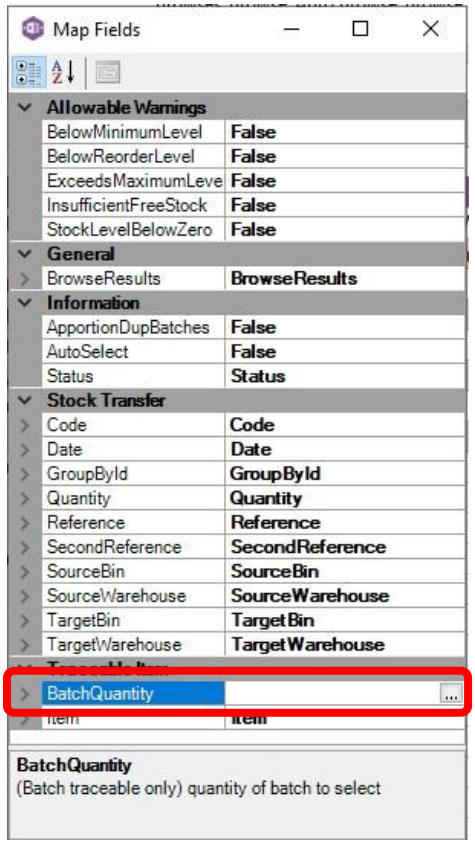


Mapping a new column

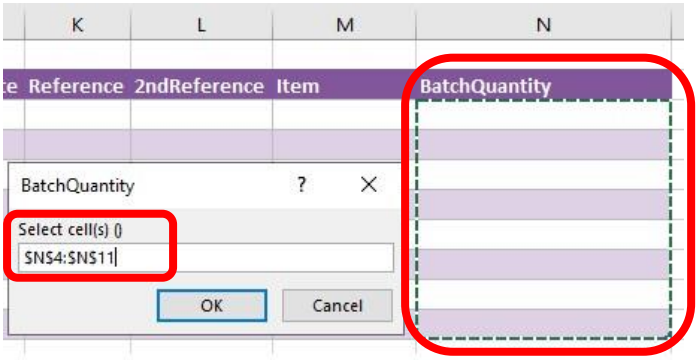
Once a new column has been added to the template, it can be mapped to the required Sage 200 field.

BatchQuantity column re-added to the multiline template to allow the quantity to be entered against the stock transfer.

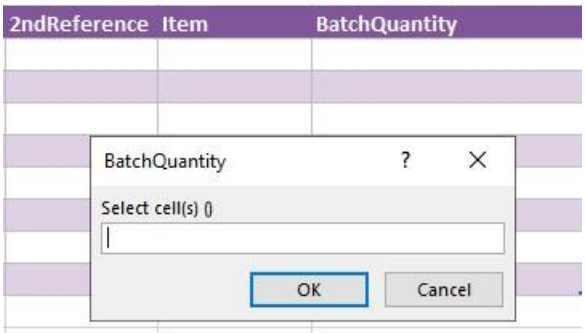
Click **Designer** to open the mappings for the template and locate the field to map the column to.



1. Click the **Ellipsis** to the right of the Batch Quantity field. The cell mapping window appears.



2. Now select the cell range for the **Batch Quantity** column before clicking OK.



The column is now mapped and can be populated in Excel Data Bridge.