



Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022

You will like to map a field in Autotask PSA with a field in Business Central, this can be straightforward as when map Name, addressee etc., or some kind of tricky.

In this document handle when it's get tricky.

The tricky about this is that what you see in Autotask is not what you get out of Autotask.

In this case you see Product Category is PC, in Autotask, but the API/integration output/return is 29682871

So PC = 29682871

In Business Central you have Inventory Gen Posting Group named PC, and you like map PC in Autotask with PC in Business Central or the other way around

So to do that you have to get around to transform "PC > 29682871 > PC",

When it's setup it's work in both's directions.

In Autotask we have 2 fields I will recommend to use for mapping to posting groups in Business Central

And it's the Product Category or the Material Code, use the field you like or perhaps both, for 2 different Business Central Posting group.

In this Case I have chosen the Product Category

The how to can be use on any field you like to transform Data between Autotask and PC

See our Documentation for how to use Swagger to look up data in Autotask, if not already did it

Sampel Swagger Json script

Products

Unit cost 0

```
{"filter":[{"op": "and","items":[{"op": "gt","field": "unitCost","udf": false,"value": "0"}]}}
```



Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022

## **The Step are, flowing the step with the print Screens below :**

1. Setup Posting groups in Business Central, not shown here
2. Setup Product Category in Autotask, not shown here
3. Think how I will map these for correct posting in Business Central, try
4. Lookup using swagger to get the different values for Product Categories in Autotask
5. In Business Central Go to Autotask Data Convert
6. Enter in the first column the AT value, and in the last the BC value
7. In Business Central Go to the Data Exchange Definition, from the Autotask Entity Sync page  
And setup the mapping and Data Conversion.
8. You are now done, and its should all work for you..
9. Try sync the products.
10. Check the log all is ok, you search for Autotask Product ID, in the log
11. !!! If even there are only one error on the product in the synck, no data at all is synced on this product

Need help, contact us by email: [support@macali.dk](mailto:support@macali.dk)



Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022


Step 4.

**Edit Product - Cable Cat5e**

Save & Close Save & New Cancel


Summary User Defined Inventory Notes

**Product Name\***  
Cable Cat5e

**Product Category** PC 

**Product Description**  
Cable Cat5e

**Default Configuration Item Type**

**Material Code\*** Hardware 

**Price/Cost Method**  
Standard (Flat)

**Period Type**

**Billing Type**  
Standard

Active  
 Serialized  
 Does not require Procurement  
 Eligible for RMA

**Default Configuration Item Category**



Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022

Step 4. continued

"chargeBillingCodeID": 29682871

Code	Details
190000	name None None All <input type="checkbox"/> Text 0 /item/name
200000	periodType None None All <input type="checkbox"/> Text 0 /item/periodType
210000	priceCostMethod None None All <input type="checkbox"/> Text 0 /item/priceCostMethod
220000	productBillingCodeID None None All <input type="checkbox"/> Text 0 /item/productBillingCodeID
230000	productCategory None None All <input type="checkbox"/> Text 0 /item/productCategory

```
    "value": null
  }
]
},
{
  "id": 29684110,
  "billingType": 1,
  "chargeBillingCodeID": 29682871,
  "createdByResourceID": 4,
  "createdTime": "2022-06-18T19:39:05.607Z",
  "defaultVendorID": null,
  "description": "Cable Cat5e",
  "doesNotRequireProcurement": true,
  "externalProductID": "1026",
  "impersonatorCreatorResourceID": null,
  "internalProductID": "",
  "isActive": true,
  "isEligibleForRma": false,
  "isSerialized": false,
  "link": "",
  "manufacturerName": "",
  "manufacturerProductName": "",
  "markupRate": 1,
  "msrp": 0,
  "name": "Cable Cat5e",
  "periodType": null,
  "priceCostMethod": 1,
  "productBillingCodeID": 29682871,
```

# Macali

Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022

## Step 5.

Inventory Posting Groups

✓ Saved

Search + New Edit List Delete Setup More options

Code ↑	Description
AZURE	AZURE
OFFICE	office
ASS	Ass
→ SERVER	SERVER
PC	PC
NETWORK	NETWORK



Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022

Step 6.

Two way Sync , add values in Autotask and Business Central in this case

For AT to BC

29682871 > PC

For BC to AT

PC > 29682871

Macali AT Data Conv. Setup

# PRODUCTBILLCODE

General

Code ..... PRODUCTBILLCODE      Field ID ..... 11 ▾  
Table ID ..... 27 ▾      Field Caption ..... Inventory Posting Group  
Table Caption ..... Item

AT Data Conv. Setup Line | Manage

From Value	Description	To Value
29682839		SERVER
29682871 ✓		PC
→ PC	⋮	29682871



Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022

Step 7.

ATdemo1 | Finance | Cash Management | Sales | Purchasing

Autotask Entity Synch Setup: All | Search | Edit List | Sync | Sync All | Sync Filter | Related | Fewer options

Entity Code ↑	Table ID ↑	Description	Synch. Direction ↑	Data Exch. Definition Code	Default Template Code	Enable Sync	Max Records	Sync. Filter
COMPANIES	18	From Autotask to Business Central	From Autotask	AT_CUSTOMER_IM...	CUST000001	<input checked="" type="checkbox"/>	100	Yes
COMPANIES	18	From Business Central to Autotask	To Autotask	AT_CUSTOMER_EX...		<input checked="" type="checkbox"/>	0	No
COMPANIES	23	From Autotask to Business Central	From Autotask	AT_VENDOR_IMPO...	KRED000001	<input checked="" type="checkbox"/>	100	No
COMPANIES	23	From Business Central to Autotask	To Autotask	AT_VENDOR_EXPO...		<input checked="" type="checkbox"/>	0	Yes
CONTACTS	5050	From Autotask to Business Central	From Autotask	AT_CONTACT_IMP...		<input checked="" type="checkbox"/>	100	No
CONTACTS	5050	From Business Central to Autotask	To Autotask	AT_CONTACT_EXP...		<input checked="" type="checkbox"/>	0	No
CONTRACTS	167	From Autotask to Business Central	From Autotask	AT_CONTRACT_IM...		<input checked="" type="checkbox"/>	100	No
CONTRACTS	167	From Business Central to Autotask	To Autotask	AT_CONTRACT_EX...		<input checked="" type="checkbox"/>	0	No
INVOICES	36	From Autotask to Business Central	From Autotask	AUTOTASKSI		<input checked="" type="checkbox"/>	100	Yes
PRODUCTS	27	From Autotask to Business Central	From Autotask	AT_ITEM_IMPORT	ITEM000004	<input checked="" type="checkbox"/>	100	No
PRODUCTS	27	From Business Central to Autotask	To Autotask	AT_ITEM_IMPORT		<input checked="" type="checkbox"/>	0	No
RESOURCES	156	From Autotask to Business Central	From Autotask	Autotask Item Import		<input checked="" type="checkbox"/>	100	Yes
RESOURCES	156	From Business Central to Autotask	To Autotask	AT_RESOURCE_EXP...		<input checked="" type="checkbox"/>	0	Yes
SERVICES	97590	From Autotask to Business Central	From Autotask	AT_SERVICE_IMPO...		<input checked="" type="checkbox"/>	100	No



## Mapping Product Category code from AT to Item Gen Posting group in BC Rev. 20 October 2022

Field Mapping



✓ Saved

AT\_ITEM\_IMPORT · ITEM · 1214

### General

Table ID: 1214 Name: Item Mapping Codeunit: 97525  
Use as Intermediate Table:  Pre-Mapping Codeunit: 0 Post-Mapping Codeunit: 0

### Field Mapping | Manage

Column No. 1	Column Caption	Target Table ID	Table Caption	Target Field ID	Field Caption	Validate Only	Transformation Rule	Priority	Conversion Code
20000	id	27	Item	97500	Autotask ID	<input type="checkbox"/>		0	
50000	defaultVendorID	27	Item	31	Vendor No.	<input type="checkbox"/>		0	
60000	description	27	Item	97501	AT Product Description	<input type="checkbox"/>		0	
80000	externalProductID	27	Item	1	No.	<input type="checkbox"/>		0	
110000	isActive	27	Item	54	Blocked	<input type="checkbox"/>	TRUE_FALSE	0	
190000	name	27	Item	3	Description	<input type="checkbox"/>		0	
220000	productBillingCodeID	27	Item	11	Inventory Posting Group	<input type="checkbox"/>		0	PRODUCTBILLCODE
230000	productCategory	27	Item	5702	Item Category Code	<input type="checkbox"/>		0	
240000	sku	27	Item	1217	GTIN	<input type="checkbox"/>		0	
250000	unitCost	27	Item	22	Unit Cost	<input type="checkbox"/>		0	
260000	unitPrice	27	Item	18	Unit Price	<input type="checkbox"/>		0	

### Line Definitions | Manage

Line Type	Code ↑	Name	Column C
→ Detail	ITEM	Item	
Detail	UDF	User Defined Fields	

### Column Definitions | Manage

Field Mapping



AT\_ITEM\_IMPORT · ITEM · 1214

### General

Table ID: 1214 Name: Item Mapping Codeunit: 97525  
Use as Intermediate Table:  Pre-Mapping Codeunit: 0 Post-Mapping Codeunit: 0

### Field Mapping | Manage

Column No. 1	Column Caption	Target Table ID	Table Caption	Target Field ID	Field Caption	Validate Only	Transformation Rule	Priority	Conversion Code
20000	id	27	Item	97500	Autotask ID	<input type="checkbox"/>		0	
50000	defaultVendorID	27	Item	31	Vendor No.	<input type="checkbox"/>		0	
60000	description	27	Item	97501	AT Product Description	<input type="checkbox"/>		0	
80000	externalProductID	27	Item	1	No.	<input type="checkbox"/>		0	
110000	isActive	27	Item	54	Blocked	<input type="checkbox"/>	TRUE_FALSE	0	
190000	name	27	Item	3	Description	<input type="checkbox"/>		0	
220000	productBillingCodeID	27	Item	11	Inventory Posting Group	<input type="checkbox"/>		0	PRODUCTBILLCODE
230000	productCategory	27	Item	5702	Item Category Code	<input type="checkbox"/>		0	
240000	sku	27	Item	1217	GTIN	<input type="checkbox"/>		0	
250000	unitCost	27	Item	22	Unit Cost	<input type="checkbox"/>		0	
260000	unitPrice	27	Item	18	Unit Price	<input type="checkbox"/>		0	



Mapping Product Category code from AT to Item Gen Posting group in BC  
Rev. 20 October 2022



Item Card



1026 · Cable Cat5e

Process	Item	Prices & Discounts	Request Approval	Actions	Related	Reports	Fewer options			
Description	Cable Cat5e							GTIN		Product Desc
Blocked	<input type="checkbox"/>							Item Category Code	1	Cable Cat5e
Type	Inventory							Automatic Ext. Text	<input type="checkbox"/>	
Base Unit of Measure	*							Common Item No.		

Inventory

Shelf No.		Qty. on Purch. Order	0	Unit Volume
Quantity on Hand	0	Qty. on Sales Order	0	Over-Receipt
		Stockout Warning	Default (Yes)	

Costs & Posting

Cost Details

Costing Method	FIFO
Standard Cost	0.00
Unit Cost	0.05
Indirect Cost %	0
Last Direct Cost	0.00
Net Invoiced Qty.	0
Cost is Adjusted	<input type="checkbox"/>
Cost is Posted to G/L	<input type="checkbox"/>

Posting Details

Gen. Prod. Posting Group	RETAIL
Tax Group Code	
Inventory Posting Group	PC
Default Deferral Template	
Foreign Trade	
Tariff No.	
Country/Region of Origin Code	