4.5.10. How to Import Data from QuickBooks

In this article we describe:

- correspondence between key terms in QuickBooks and Streamline;
- imported data;
- QuickBooks user permissions required to import data from a company file;
- data import workflow;
- how to set up PO delivery date in QuickBooks in order to import it into Streamline on an item basis; and
- troubleshooting;

Key Terms

QuickBooks handles several types of items. There are the **Inventory Part** and **Inventory Assembly** types among them. Only items of these two types are imported into Streamline and are treated as items.

If your QuickBooks version has the **Advanced Inventory** module and it is enabled, QuickBooks allows you to work with different sites. In this case, Streamline treats QuickBooks's sites as locations and imports them as a separate data dimension.

If your inventory is organized in a hierarchy by means of the **Subitem of** option in QuickBooks, Streamline will automatically pull that data hierarchy and create the same item categories that you have in QuickBooks.

Be aware that if an item is a category type in QuickBooks, Streamline will not import any sales on this item; it will be imported as an item category. So, you will not be able to plan demand in Streamline for such items.

Imported data

Data imported into Streamline is described in the Inventory Management Systems article.

QuickBooks User Permissions Required

To perform a data import from a company file, QuickBooks requires you to grant Streamline access (see the Authorization procedure below). This should be done under the QuickBooks Administrator account, however, only once for a company file. Future data synchronization can be performed under another QuickBooks user, not the Administrator. This user should be assigned at least the roles depicted in the figure below.

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SER NAME AND PASSWORD		
User Name Gues	st	
Password (optional)		
Confirm Password		
OLES		
How do I modify a Role? Available Roles		A <u>s</u> signed Roles
Accountant	<u>Add >></u>	Accounts Payable
External Accountant		Accounts Receivable
Finance	<< <u>R</u> emove	Banking
Full Access		Inventory
Payroll Manager		Purchasing
Payroll Processor		Sales
	V	
Description		
This role is designed for your such as Journal Entries, Cha Accountant & Taxes and Corr	art of Accounts, Setting (
		OK

Data Import Workflow

Streamline uses native QuickBooks API to import the data. This API is based on QuickBooks Foundation Classes library. Thus, before we proceed to the workflow, you should download and install this library on your computer.

Watch a video tutorial (2:07)

1. Open QuickBooks and then open the company file you want to import data from (no matter whether it is located on a local or network drive).

You **must be** logged in under the QuickBooks **Administrator account** when you open the company file in QuickBooks.

Launch Streamline on the same machine where QuickBooks is opened, go to the menu File > New
 QuickBooks connection, navigate to the company file (which is still opened in QuickBooks), and click Open. The QuickBooks connection dialog opens (see figure below).

QuickBooks connection	×									
Run QuickBooks if you are setting up for	the first time.									
Starting date	1/1/2000 ~									
Group by	Month \sim									
Import inactive items Combine locations Import customers as channels Import PO delivery date from custom field										
Update latest periods										
OK	Cancel									

3. Configure the **QuickBooks connection** dialog.

3.1. Enter or choose the date to start the import from in the **Starting date** control.

To get accurate forecasts, we recommend providing Streamline with at least 24 months of sales history.

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3.2. Choose the data aggregation period in the **Group by** control. Streamline automatically aggregates your data in the given periods (days, weeks, or months). For example, if you want to see the forecasts, replenishment plans, and other reports in months, group the data by month.

The below actions are optional in this subsection.

3.3. If you need Streamline to grab inactive items, set the **Import inactive items** option checked.

3.4. **Combine locations** option is useful when your warehouses are located next to each other, so they can be planned as a single aggregated warehouse. In this case, set this option enabled. This option is only available if your QuickBooks has **Advanced Inventory** module activated.

3.5. **Import customers as channels** option allows you to activate an additional dimension in Streamline in order to plan your demand by Customer.

3.6. By default, Streamline pulls the purchase order **Expected delivery date** from the default QuickBooks field. This is done on an order basis. But what if you manually manage this date so that

lines in PO have a different expected delivery date? The **Import PO delivery date from custom field** option is used to handle this situation and allows you to import PO expected delivery date on an order line basis. To do this, check the option and enter the name of the custom filed to pull the date from.

To import PO delivery date successfully, it should be properly set up in QuickBooks. Streamline can only read an item custom field that is used in a purchase order template.

4. Click **OK**. QuickBooks authorization dialog appears, prompting you to choose the access level you want to grant (see figure below).

	QuickBooks - Application Certificate	×						
	An application is requesting access to the following QuickBooks company file: Rock Castle Construction Access may include reading and modifying QuickBooks data as well as enhancing the QuickBooks user interface. THE APPLICATION CALLS ITSELF GMDH Streamline QB Importer CERTIFICATE INFORMATION Description: Developer: GMDH LLC Developer identity has been verified by: Symantec Class 3 SHA256 Code Signing CA							
QUICKBOOKS SOLUTIONS MARKETPLACE								
Do you want to allow this app No	plication to read and modify this company file?							
Yes, prompt each time								
	Books company file is open							
Yes, always; allow acces	s even if QuickBooks is not running							
Allow this application to access personal data such as Social Security Numbers and customer credit card information.								
	Continue Cancel Help							

- 5. We suggest choosing **"Yes, always;..."**. Click **Continue**.
- 6. In the Access Confirmation dialog click Done (see figure below).



In a few moments (depending on the amount of data) you'll see the imported data in Streamline (see figure below).

File jtem Process Help File jtem Process Help Open Save Suppate data Processt as of Jan 2022 V Horizon 12 months Start Image: Save Suppate data Processt as of Jan 2022 V Horizon 12 months Search Open Review Proprove/Unapprove Approve/Unapprove Add note Al > Cabinets > Cabinet Pulls - Cabinet Pulls All Cabinets Actual sales 12 17 0 </th <th>X</th> <th>1</th> <th></th> <th>_</th> <th></th> <th>H Streamline 4.1.4</th> <th>d) — GMDI</th> <th>(Untitled</th>	X	1		_											H Streamline 4.1.4	d) — GMDI	(Untitled				
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Setting Up PO Delivery Date in QuickBooks

In this section, we describe how PO delivery date should be set up and used in QuickBooks in order to import it properly into Streamline on an item basis.

1. Open QuickBooks and go to the menu Lists > Item List (see figure below).

			ltem List			- 🗆 ×
Loo <u>k</u> for	in All fields	*	Search	Re <u>s</u> et	Search within results	
X & NAME	DESCRIPTION	TOTAL	TYPE 🔺	BIN LOCAT	S BARCODE IMAGE U/M	
∘Labor	Direct Labor per build		Service		hour (hr)	Î
♦ Upfront Deposit	Customer up front deposit		Service			
→ AN spring	Anchor Spring	1,803	Inventory Part	Distributio	QB:010335866077	
X ◆Anchor-12x1	Anchor, 12x1 RedCap	785	Inventory Part	Distributio	QB:010335866010	·
◆Anchor adhesive	Adhesive, Anchor	51	Inventory Part	Distributio	QB:010335866012	
♦Base - BL	Anchor Base, Black	37	Inventory Part	Distributio	QB:010335866014i	
Item Activities	Reports v Excel v	Attach	Include in <u>active</u>	•		

2. Open item card by double-clicking on it and press the **Custom fields** button (see figure below).

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		Edit Item	– 🗆 ×
TYPE Inventory Part	Use for goods you pu	ırchase, track as inventory, and resell.	ОК
			Cancel
Item Name/Number	Subitem of	Manufacturer's Part Number	New Note
AN spring		 0034-198 	Custom Fields
Barcode Number			Spellin <u>g</u>
QB:010335866077			Edit Markup
UNIT OF MEASURE			Serial Numbers
U/M Set Each:	ea 🔻	Edit	
PURCHASE INFORMA	ATION	SALES INFORMATION	
Description on Pur	chase Transactions	Description on Sales Transactions	
Anchor Spring		Anchor Spring	Item is inactive
Cost	0.50 per ea	Sales Price 1.00 per ea	
COGS Account	Cost of Goods Sold 🔹	Markup 100.0%	
Preferred Vendor	Anderson's Hardware 💌	Margin 50.0% Income Account Pool Cover & Equipme •	
INVENTORY INFORM	ATION (QUANTITIES IN EA)		
AssetAccount	Global Reorder Pt Max	Total Qty Average on Hand Cost	
Materials Invent	• 100	1,803 0.50	

3. Click the **Define fields** button in the **Custom Fields** dialog (see figure below).

c	Custom Fields for AN spring	×
STYLE		ОК
COLOR		Cancel
DUE DATE 1		Help
QTY PRICE BREAK	200	
ALU2		Define Fields
CUSTOMER		
ORDERED		
PAYMENT DATE		
REQUIRED DATE		
APPROVED	-	
PULLED		
PULLED BY	•	
COMPLETED BY	•	
INSPECTED BY	-	

4. Choose one of the unused fields. Rename it, for example, "Delivery Date" (see figure below).

			Req	uired on	
Label	Use	What kind of data?	Trans	List	ОК
Style	~	Any text			Cancel
Color	~	Any text			
Due date 1	~	Date (mm/dd/yyyy)			Help
Qty Price Break	~	Numbers, 2 decimals (xxx.xx)			
ALU2	~	Any text			
Customer	~	Any text			
Ordered	~	Numbers, any decimals (x.xx			
Delivery Date	~	Date (mm/dd/yyyy)			1
Required Date	~	Date (mm/dd/yyyy)		~	-
Approved	~	User's multi-choice list		~	
Pulled	~	Any text			
Pulled by	~	User's multi-choice list			

Note, fields in this dialog are set for all your items.

5. Click **OK** in all the dialogs we have opened.

6. Open a purchase order, go to the **Formatting** tab, and click the **Customize Data Layout** button (see figure below).

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	Create Purchase Orders	– 🗆 ×
Main Formatting Reports Search		× 25
	Insert Delete Copy Paste Customize Line Line Line Design →	
VENDOR Fran's Fasteners - CLASS	DROP SHIP TO TEMPLATE Custom	Fran's Fasteners Vendor Transaction
Purchase Or	DATE VENDOR SHIP TO 12/15/2018 VENDOR Advanced Inventory File	SUMMARY
	P.O. NO. 3452 Gerry Drive 110 Sampson Way 46 Bayshore, CA 94528 Middlefield, CA 94471	Phone 360-555-2548 Open balance 11,026.45 Does be becaused 2
	TERMS EXPECTED DELIVE SHIP VIA Net 30 12/15/2018	POs to be received 2
ITEM DESCRIPTION	BIN QTY RATE AMOUNT RCVD CLSD	
Anchor-12x1 Anchor, 12x1 RedCap	2 0.45 0.90 0	
		11/30/18 Bill 498.75
VENDOR MESSAGE	TOTAL 0.90	11/20/18 Bill Pmt-Check 725.00 11/01/18 Bill 900.00 11/01/18 Bill 9,627.70 08/28/18 Bill - Paid 125.00
MEMO	S <u>a</u> ve & Close Save & New Revert	NOTES

7. Go to the **Columns** tab, scroll the list down to the custom field we have renamed to "Delivery Date", and check the first checkbox (see figure below).

				Additi	ional (I Customization		×
SELECTED TEMP						PREVIEW		
Custom Purc	hase Orde	r		Template is inac	tive			
	<u>C</u> olumns	Foote <u>r</u>		<u>P</u> rint		Advanced Inventory File 110 Sampson Way		Purchase Order
Received	1		0	Rc/d		Middlefield, CA 94471		Date P.O. No. 12150018 46
Class			0	Class		Vendor	Ship To	
Other 1			0	PO Due Date		Fran's Externars 3452 Garry Drive Bayshore, CA 94528	A dramond I revente 11 0 Sampson Wa Mid diethald, CA	
Other 2			0	Delivery Date				
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Color			0	Color			Net 3	0 12152018
Due date 1			0	Due date 1		Descrip Andror, 12x1 RaiCap	tion Oly 2	Pate Amount 0.45 0.90
Qty Price Bre	ak 🔲		0	Qty Price Break				
ALU2			0	ALU2				
Customer			0	Customer				
Ordered			0	Ordered				
Delivery Date	•		6	Delivery Date				
Required Da	ite 🔲		0	PO Due Date				
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Pulled			0	Pulled				
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When should I	check Scre	en or Prin	t?	Default				Print Preview
Help				Basic Customization		Layout Designer	ок	Cancel

Field name that is highlighted in the figure above you should then use in the Import PO delivery date from custom field option when you import your data into Streamline.

8. Click **OK**.

Now, the PO template is extended with a new column "Delivery Date" which you can use to store expected delivery date on an item basis (see figure below).

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			Creat	e Purchase Orders				- 🗆 ×
Main Formatti		-						23 ^
Find New	Save Delete Memor	a Copy 🥑 ize Mark / Close	As Print E	Print Later	Attach C File	Create Item Receipts	elect Items Receipt	
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			Net 3		2018 🗰	▼ VIA		
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Anchor-12x1	Anchor, 12x1 RedCap	2	0.45	10/10/2019	0.90 0			
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MEMO			S <u>a</u> ve	& Close <u>S</u> ave	& New	Revert		

Troubleshooting

If Streamline opens a new (Secondary) QuickBooks window while connecting to QuickBooks, do the following:



- 1. Close the first (Primary) window where the company file is opened.
- 2. Select the file in the list and click the **Open** button in the QuickBooks window left.
- 3. Close the **Import problem** dialog by clicking the **OK** button in Streamline.
- 4. Reconnect to the company file by using menu **New > QuickBooks connection**.

0x8004040A Error

This error arises when you connect to a QuickBooks company file remotely and paths to the file specified in your local QuickBooks instance and Streamline do not match (see figure below).



Typically, it happens when you open your company file using a standard windows network shared folder in QuickBooks and via a network drive in Streamline or vice versa (see figures below).

Select a company that you've previously opened and click Open



👳 🛃 🚽 = Shared (\\DESKTOP-96DSM	1CU)	(Y:)	_	
File Home Share View		Network Drive		~ 🕐
\leftarrow \rightarrow \checkmark \Uparrow \blacksquare > This PC > Shared	(\\D	SKTOP-96DSMCU) (Y:) 🗸 ひ	Search Shared (\DES , P
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> 📑 Videos		QuickBooksAutoDataRecovery	1/23/2018 1:01 PM	File fold
> 🏪 SSD256 (C:)		sample_manufacturing business.QBW.Se	8/30/2017 7:01 PM	File fold
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12 items 1 item selected 26.2 MB				

Despite this is the same file, the paths are different.

Thus, to resolve the issue, keep the path to the company file the same across Streamline and your local QuickBooks instance.

0x8004041A Error

This error occurs if the access to the QuickBooks company file is disallowed (see figure below).

S Import problem X				
\otimes	Error 0x8004041A: Streamline does not have permission to access this QuickBooks company data file. The QuickBooks administrator can grant access permission through the Integrated Application preferences. Learn more at <u>online documentation</u> .			
	ОК			

To resolve the issue:

- 1. Go to the menu **Edit** > **Preferences...**. The **Preferences** dialog appears.
- 2. Choose the **Integrated Applications** section on the right of the dialog.
- 3. Go to the Company Preferences tab
- 4. Uncheck the option **Don't allow any application to access this company file** (see figure below).
- 5. Click **OK**.

		Preferences	×
	Accounting	My Preferences Company Preferences	ок
	Bills	You can manage all applications that interact with this QuickBooks company file here.	Cancel
Ê	Calendar	Dest allowers and in the second this according to	
	Checking	Don't allow any applications to access this company file	Help
	Desktop View	Notify the user before running any application whose certificate has expired	Default
%	Finance Charge	APPLICATIONS THAT HAVE PREVIOUSLY REQUESTED ACCESS TO THIS COMPANY FILE	
2	General	ALLOW ACCESS APPLICATION NAME	Also See:
30	Integrated Applications	✓ Internet Explorer 11	General
	Items & Inventory	SDKTest	Service
	Jobs & Estimates	Remove	Connection
rea	Multiple Currencies		
	Payments		
-	Payroll & Employees		
0	Reminders		
alt.	Reports & Graphs	V	
57.7	Sales & Customers		
%	Sales Tax	Second	
P	Search		
	Send Forms		
4	Service Connection		
Abc ✓	Spelling		
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You must be logged in under the QuickBooks Administrator account to grant access.

Class not registered Error

This error arises when you click Update data button in Streamline, but your machine on which you have QuickBooks and Streamline installed is missing QBFC file.

QBFC (QuickBooks Foundation Classes) is a library on which API for data import is based.

S Import problem X				
\bigotimes	Class not regi	stered		
	OK			

To resolve the issue follow these steps:

- 1. Download QBFC installer by using this link: QBFC installer
- 2. Double-click on the QBFC13_0Installer.exe icon and the InstallShield Wizard.
- 3. Once the installation is complete open QuickBooks and Streamline and try to update data again.

QBFC 13.0 - InstallShield Wizard					
	Preparing to Install				
	QBFC 13.0 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.				
	Configuring Windows Installer				
	Cancel				

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