

# 4.5.11. How to Import Data from QuickBooks Online

In this article we describe:

- [correspondence between key terms in QuickBooks Online \(QBO\) and Streamline](#),
- [integration limitations](#),
- [imported data](#),
- [data import workflow](#),
- [importing PO delivery date from custom field](#);
- [disconnecting Streamline from QuickBooks Online](#).

## Key Terms

The key entities in Streamline are [items](#), [locations](#), and [channels](#). QBO is a much simpler application with respect to these terms; there is no ability to manage inventory by location and track sales by different channels. Therefore, SKU in QuickBooks Online can be referred to [planning item](#) in Streamline.

## Integration Limitations

There are two integration limitations between Streamline and QBO due to the API limitations of the latter. These are:

- *No on-hand history is available.* It means that Streamline is not able to:
  - calculate the [inventory turnover](#),
  - compute the number of days in the period you had run out of inventory ([Stockout days](#)), and
  - automatically determine whether lost sales are caused by a stock-out or zero demand.
- *Delivery date for incoming POs is unknown.* In this case, Streamline treats these orders as if they have been already received, and adds the **Qty to receive** to the **Last on hand** when calculating the replenishment plan. Despite this drawback, this connector has the option to import the PO delivery date from a custom field. To learn more on how to do this, please read [this section](#).

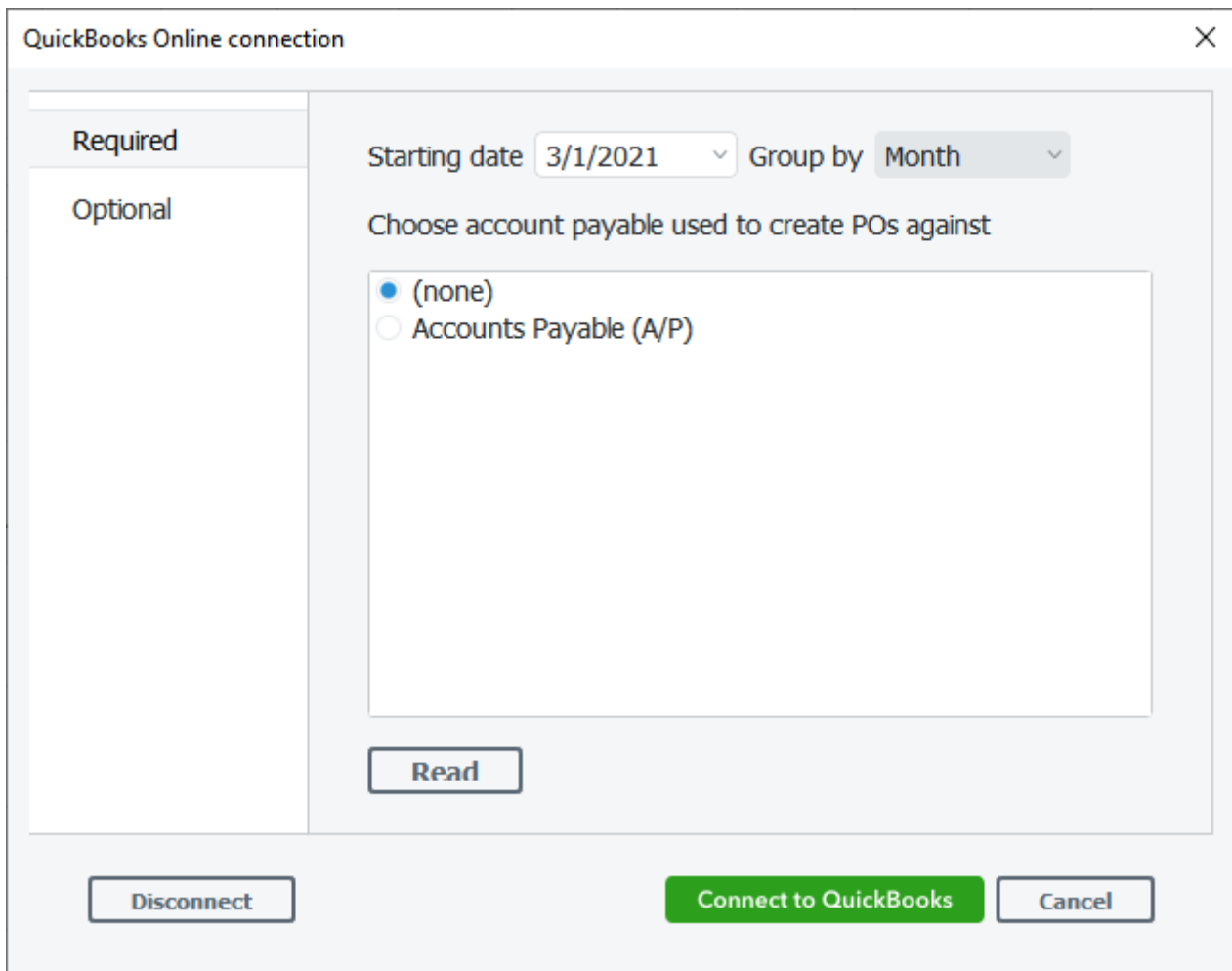
## Imported data

Data imported into Streamline is described in the [Inventory Management Systems](#) article.

## Data Import Workflow

To create a new Streamline project from QuickBooks Online data, do the following:

1. Go to the **File > New > QuickBooks Online connection**. The **QuickBooks Online connection** dialog appears (see figure below).



The screenshot shows a dialog box titled "QuickBooks Online connection" with a close button (X) in the top right corner. On the left side, there is a vertical sidebar with two sections: "Required" and "Optional". The "Required" section is currently active. In the main area of the dialog, there are two dropdown menus: "Starting date" set to "3/1/2021" and "Group by" set to "Month". Below these is a section titled "Choose account payable used to create POs against" with two radio button options: "(none)" (which is selected) and "Accounts Payable (A/P)". At the bottom of the dialog, there are three buttons: "Disconnect" (left), "Connect to QuickBooks" (center, highlighted in green), and "Cancel" (right). A "Read" button is also visible below the account payable selection area.

2. 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. 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.

4. The next step is to set up the account payable that will be used by Streamline to create POs based on calculated recommendations. Click the **Read** button to get a list of your accounts payable in QBO. If you connect to QBO for the first time, this typically starts the [authorization process](#). After the

authorization, select the according accounts payable from the list.

QuickBooks Online connection

Required

Optional

Starting date 1/1/2000 Group by Month

Choose account payable used to create POs against

- (none)
- Accounts Payable (A/P)

Read

Disconnect Connect to QuickBooks Cancel

5. Click the **Connect to QuickBooks** button to import data.

## Authorization Process

The authorization process starts if you:

a) have not granted Streamline access to your company's data yet, and you click the **Connect to QuickBooks** button or **Read** button in the **QuickBooks Online connection** dialog.

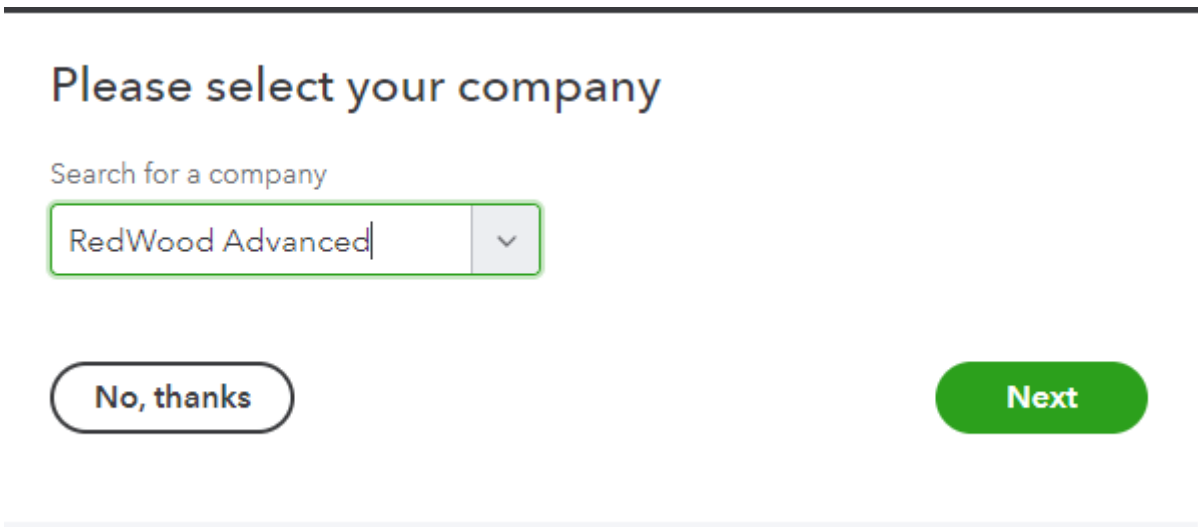
b) you had [disconnected](#) Streamline from your QBO company, and click the **OK** or **Read** button in the **QuickBooks Online connection** dialog, or the **Update data** button in Streamline.

The **OK** button is shown instead of the **Connect to QuickBooks** button in the dialog for projects that have been already created from QBO company's data.

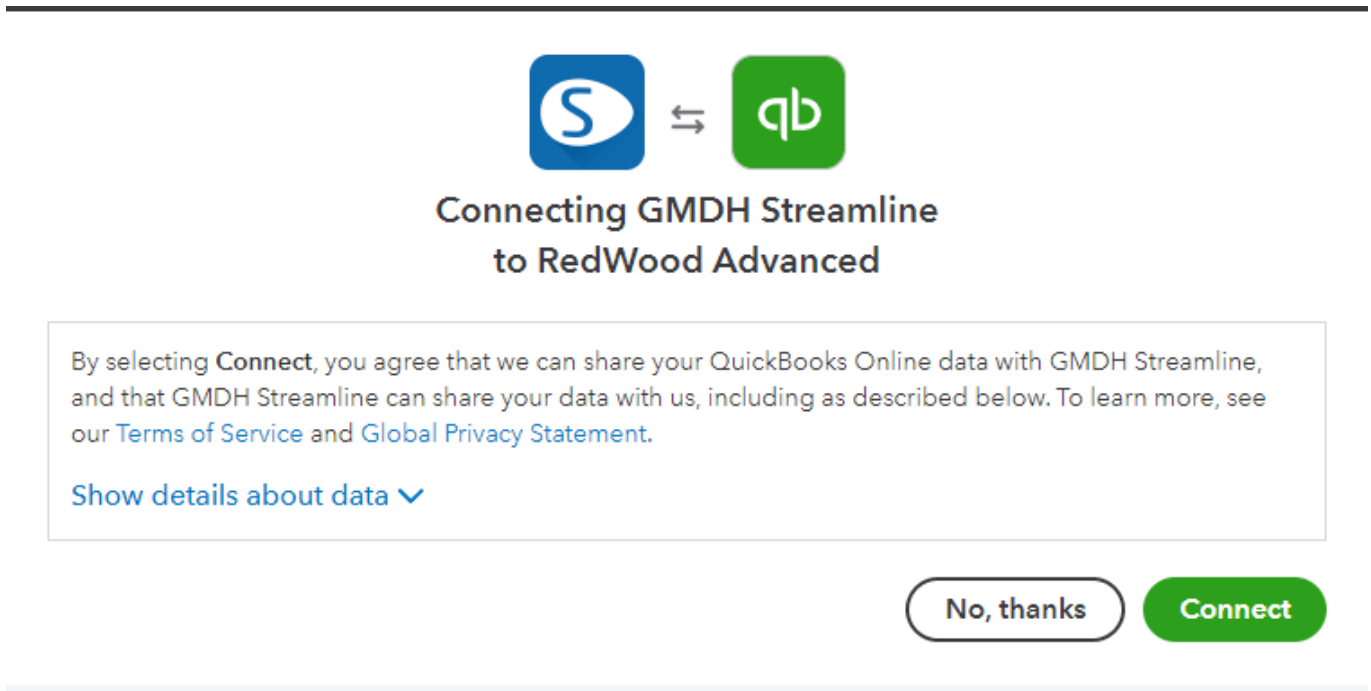
To complete the authorization process successfully, do the following:

1. If you have several companies in your QBO account, select the one you want to get data from and

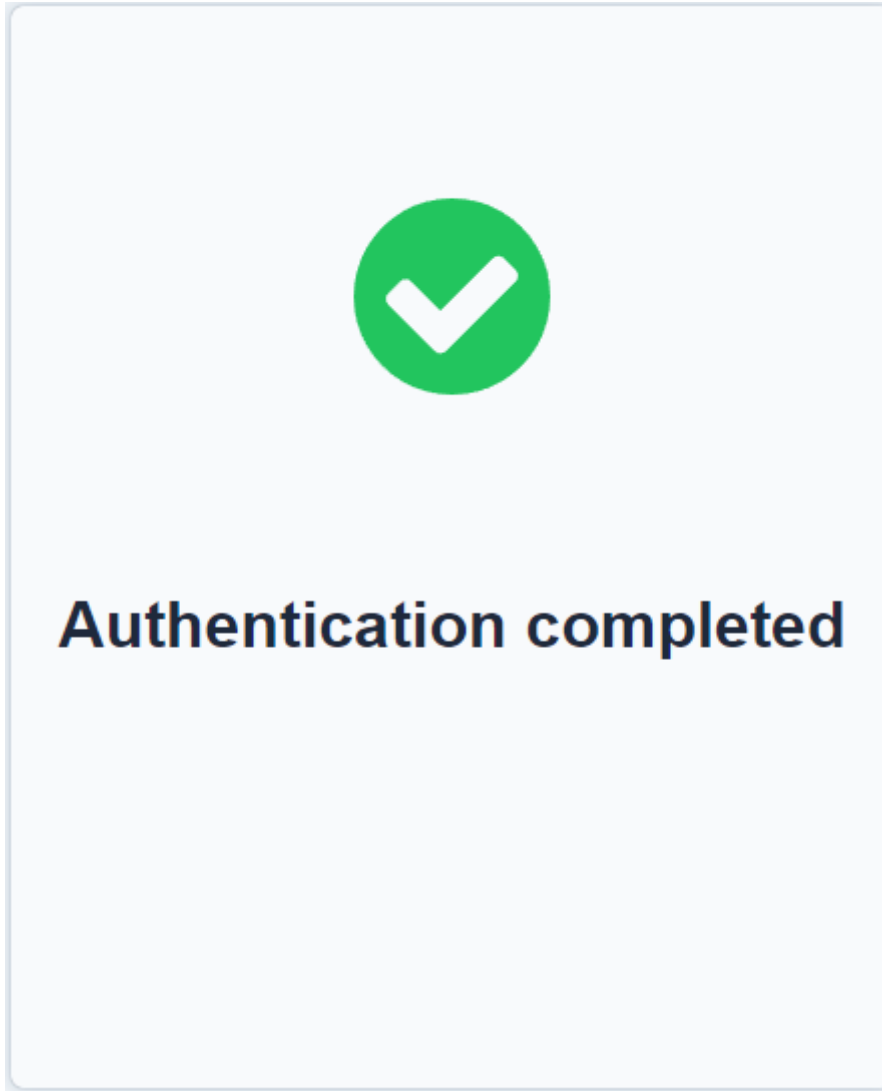
click the **Next** button (see figure below).



2. The next screen asks you to provide Streamline access to your company's data. Click the **Connect** button to give access (see figure below).



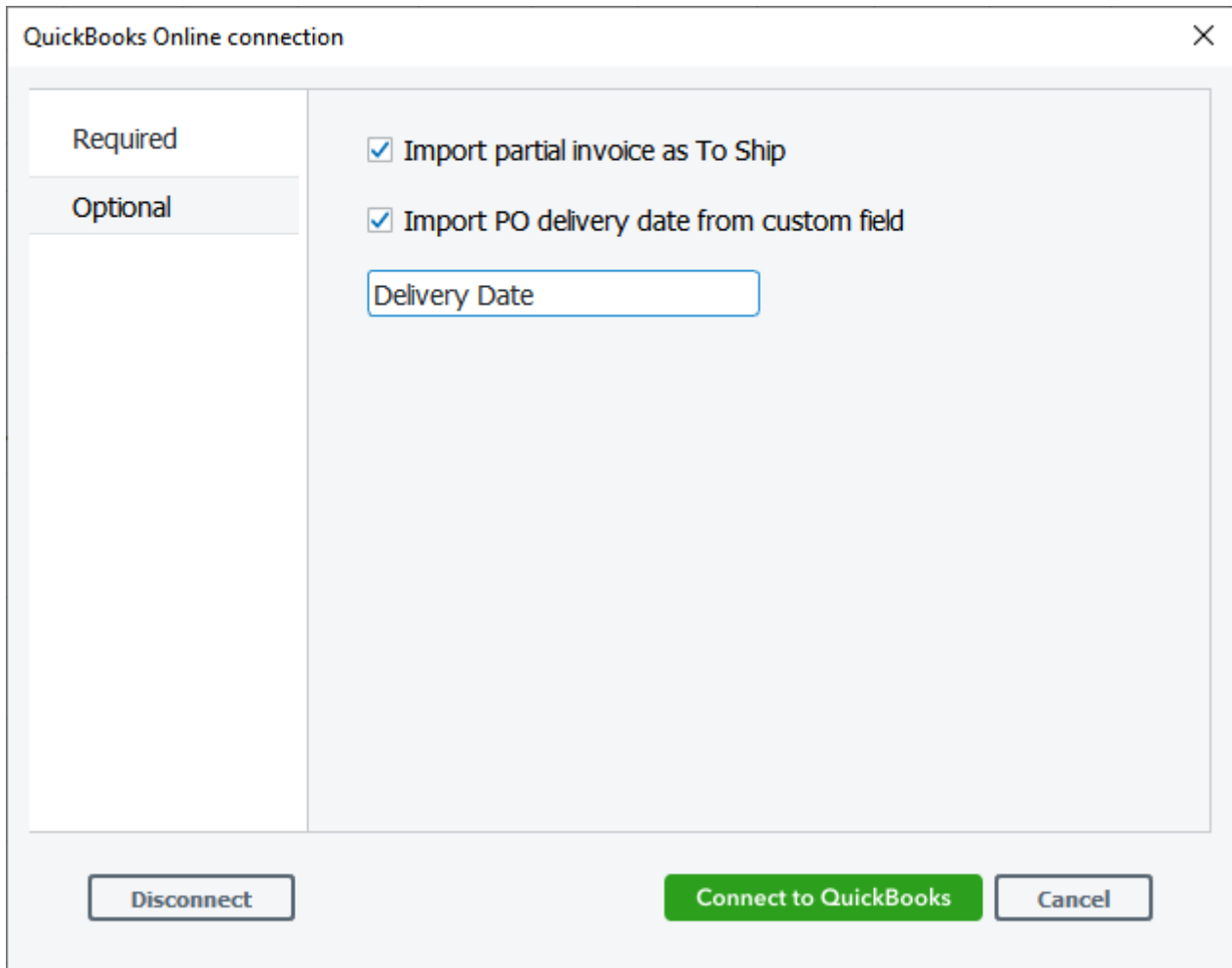
3. If everything goes well, a screen with successful authorization is displayed (see figure below).



4. Now, you may close this page and return to Streamline.

## Import Options

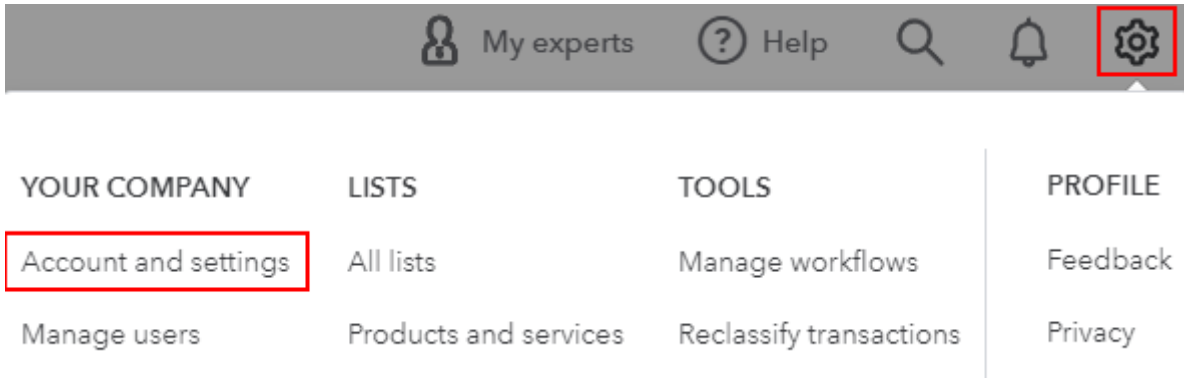
Select the **Optional** tab of the dialog to view the available import options (see figure below).



- **Import partial invoices To Ship.** If at least one line in an open QBO invoice is closed, it gets partial status. Unfortunately, the QBO API doesn't give information on which lines are open and which are closed in an invoice. Enabling this option makes Streamline treat all lines of partial invoices as open and import them into the [To-Ship table](#). Consequently, all in fact closed lines are treated as opened in Streamline. This could make Streamline overorder by the closed part of the invoice. Otherwise, partial invoices do not get into the To-Ship table. In this case, Steamline underorders by the opened part of the invoice.
- **Import PO delivery date from custom field** allows importing PO expected delivery date into Streamline using a PO custom field. Read the next section, to get more details.

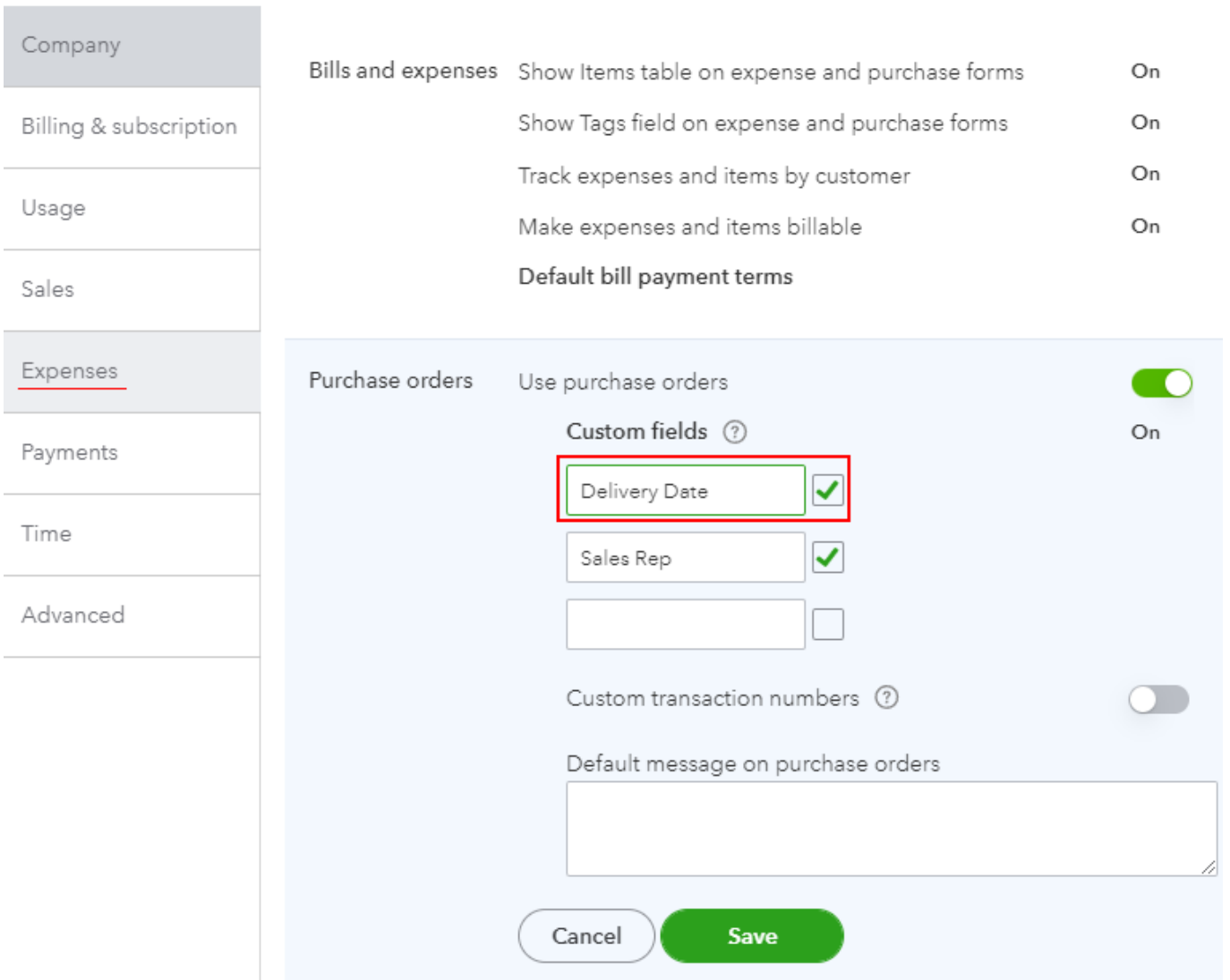
## Importing Purchase Order Delivery Date from Custom Field

1. Go to your QBO company.
2. Click on the gear icon at the right-top corner and select **Account and settings** under the **Your company** section (see figure below).



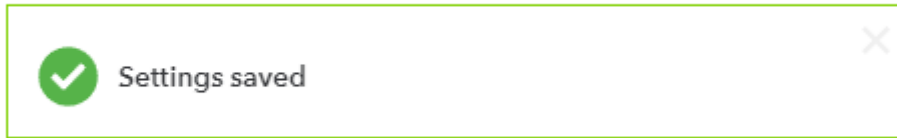
3. Select the **Expenses** section and click on the **Purchase orders** area to roll it down. Then, define a custom field by entering its name, for example, **Delivery Date**. Set the checkmark near it (see figure below).

### Account and Settings



4. Ensure that the **Use purchase orders** option is checked and save your work by clicking on the **Save** button. Then click the **Done** button at the right-bottom corner. After that, you should see a pop-

up message saying that the settings were saved (see figure below).



5. Go to one of your open POs and fill in the **Delivery Date** field that we just set up (see figure below).

Currently, Streamline supports reading dates from QBO custom fields only in 'yyyy-mm-dd' format, so please, stick to it.

## Purchase Order #1005

Vendor: Bob's Burger Joint  Email:  [Cc/Bcc](#)

Mailing address: Bob's Burger Joint

Ship to:

Purchase Order date: 03/09/2023

Delivery Date:

Shipping address: RedWood Advanced  
123 Sierra Way  
San Pablo, CA 87999

Ship via:

Sales Rep:

Tags:  [Manage tags](#)

### ► Category details

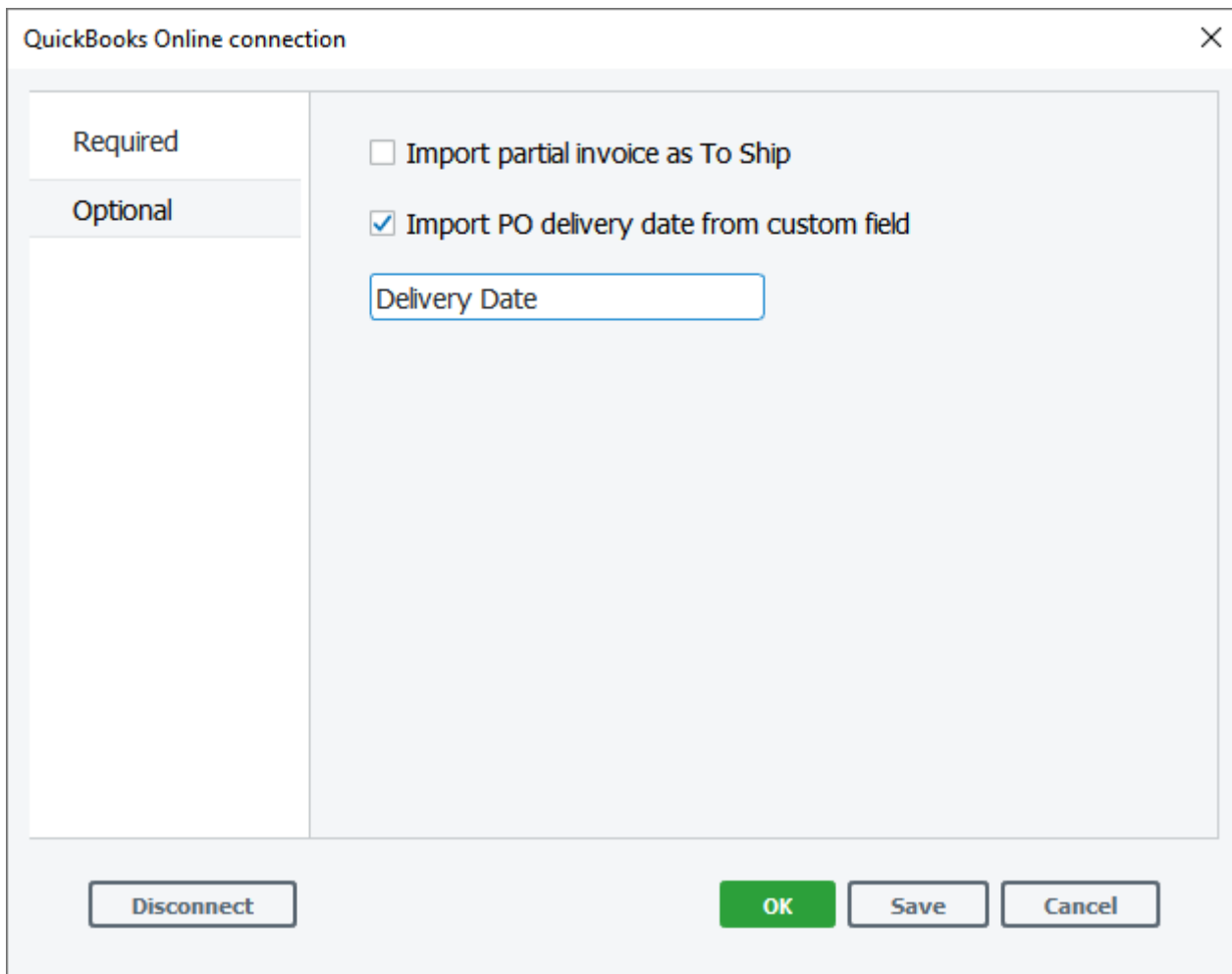
### ▼ Item details

	#	PRODUCT/SERVICE	DESCRIPTION	QTY
⋮	1	Design:Fountains:Pump	Fountain Pump	100

6. Save your order by clicking the **Save** button at the right-bottom corner.



7. Go back to Streamline. Go to the **File > Edit connection settings**. The **QuickBooks Online connection** dialog opens. Go to the **Optional** tab. Select the option **Import PO delivery date from custom field** and enter the name of the field *exactly* as you had it in the QBO on the [step 3](#) (see figure below).



8. Click the **Save** button in the dialog, to save the settings. Click the **Save** button on the main window toolbar, to save settings to the project.

7. Click the **Update data** button, to import the last changes in the project.

9. Now, go to the **Inventory** tab and click the **In-transition** button on the toolbar. The delivery date for the imported order should now display the date you have in the QBO order (see figure below).

In transition details

Search

	To receive	To ship									
	Delivery date	Delay, days	Item code	Description	Location	Qty	Order type	Source from	Sendout date	Cost	Order number
1	Apr 9, 2023		Pump	Fountain Pump		100	Purchase	Bob's Burger Joint	Mar 9, 2023	10	1005
2	2023-03-05	8	Rock Fountain	Rock Fountain		1	Purchase	Tim Philip Masonry	Feb 3, 2023	125	1002

Export to XLSX

Close

## Disconnecting Streamline from QuickBooks

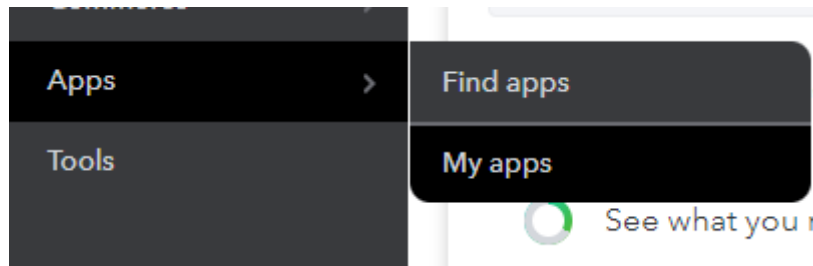
Disconnecting Streamline from your QBO company means that Streamline projects which were created based on the company's data will not have access to those data anymore. After that, you will not be able to update your Streamline projects unless you go through the [authorization process](#) again.

There are two ways to disconnect Streamline from QBO. You can disconnect Streamline either from your QBO company or from your Streamline project.

### Disconnecting from QuickBooks Online

To disconnect Streamline from QBO, do the following:

1. Log into your QBO company and go to **Apps > My apps** (see figure below).



2. Find the Streamline application in the list, click on the down arrow near the button **Launch**, and choose **Disconnect** (see figure below).

# Apps

Find apps

My apps



3. Choose the disconnect reason and click the **Disconnect** button in the newly appeared window.

4. After that, QBO redirects you to a page saying that you have successfully disconnected your QBO company from the Streamline application (see figure below).

You have successfully disconnected GMDH Streamline

## Disconnecting from Streamline Project

1. Open your Streamline project that you want to disconnect from your QBO company.

2. Go to menu **File > Edit connection settings**. The **QuickBooks Online connection** dialog opens.

3. Click the **Disconnect** button (see figure below).

QuickBooks Online connection

Required	Starting date <input type="text" value="1/1/2000"/> Group by <input type="text" value="Month"/>
Optional	Choose account payable used to create POs against
	<input type="radio"/> (none) <input checked="" type="radio"/> Accounts Payable (A/P)
	<input type="button" value="Read"/>

Next: [SAP Business One](#)

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