



BatchMaster Web – QB Integration User Guide

Product Version: BatchMaster Web
Doc No: 27062-08222025-V01

Doc Version: 01
Date of Doc Release: 9/25/2025



Copyright and Legal Information

Copyright

BatchMaster WEB-QB Integration User Guide © 2025 by BatchMaster Software. All rights reserved.

Your right to copy this document is limited by copyright law and the terms of the license agreement. As a software licensee, you may make a reasonable number of copies or printouts for your own use. Making copies for any other purposes constitutes a violation of copyright law.

Trademarks

The names of actual companies and products mentioned herein may be trademarks or registered marks of their respective owners in the United States or other countries.

The names of companies, products, persons, and/or data used in the examples are fictitious and are in no way intended to represent any real individual, company, product, or event, unless otherwise noted.

Warranty Disclaimer

BatchMaster Software disclaims any warranty regarding the example data in this documentation, including the warranties of merchantability and fitness for a specific business use.

Limitation of Liability

The content of this document is provided for informational use only, is subject to change without notice, and should not be construed as a commitment by BatchMaster Software. BatchMaster Software assumes no liability for any errors or inaccuracies that may appear in this document. Neither BatchMaster Software nor anyone else who has been involved in the creation, production, or delivery of this documentation shall be liable for any indirect, incidental, special, exemplary, or consequential damages, including but not limited to any loss of anticipated profit or benefits, resulting from the use of this documentation nor the examples contained herein.

License Agreement

Use of this product is covered by a **Software License, Services and Support Agreement** signed when your organization purchased BatchMaster Enterprise.

Disclaimers

The information provided herein is not intended to replace the statutes, rules, or approved procedures that apply to your business. Instead, you should use this information to ensure compliance with internal, customer, and regulatory requirements. This user guide is considered to be proprietary and confidential and may not be reproduced for any reason other than stated below without prior written consent of BatchMaster Software.

Exclusion

This document has been prepared exclusively for ERP client end-user training. All other uses are prohibited without prior written consent from BatchMaster Software.

BatchMaster Web Training Module © 2025 by BatchMaster Software. All rights reserved.



About the Manual

Purpose of the Manual

This user guide provides instructions for using BatchMaster Enterprise. The scope of the document is limited to training users on how various BatchMaster modules are inter-related, the purpose of various BatchMaster screens, and the procedural steps to maintain them. The training objective is to help the user get hands-on experience of how BatchMaster Enterprise functions.

This document aids as a hand-out during training and as an introduction to other manuals. It is not as descriptive as other accompanying manuals, but it is packed with necessary and important information that is required for someone to use BatchMaster Enterprise as a new user.

We designed the user guide based on experience obtained from numerous training sessions. This document aims to strengthen user knowledge on the functioning of BatchMaster Enterprise.

Target Audience

This document is intended for a vast group of people which may include Trainers, VARs, Customers, and even BatchMaster employees who are undergoing BatchMaster training. We hope it will be of immense use as a conceptual guide for Trainers, as a resource material for VARs and customers, and as a reference guide for existing BatchMaster Users and employees.

Organization

The user guide is organized module-wise to reduce bulkiness and enhance usability. Each module contains an overview of the module, concepts you must know before you begin using the module, an overview or purpose of the screen, how to maintain data in the screen, Key Points, and FAQs. Examples have been included to help you understand the logic better and maintain data quickly.

Symbols & Conventions

Symbol	Description
	Note
	Mandatory setting
	Tips

Convention	Description
Italicized (Sales Order Entry)	Module name, screen name & components
" " ("BatchMaster Web Accounting Guide")	Reference document

Abbreviation	Description
API	Application Program Interface



Contents

1	OVERVIEW	2
2	WHAT IS THIS DOCUMENT ALL ABOUT?.....	2
2.1	What Is Integration?	2
2.2	Prerequisites	2
3	INTEGRATING BATCHMASTER WEB AND QB.....	3
4	UPLOAD FINANCE DATA.....	5
4.1	Customer Master – An Example	6
4.2	GL Entries – An Example	11
4.3	Error Handling & Logging	15
5	DOWNLOAD FINANCE DATA	16

1 Overview

This guide provides a step-by-step walkthrough for integrating your BME Web application with QuickBooks Desktop. The integration enables seamless synchronization of financial and operational data between BME Web and QuickBooks, reducing manual effort, improving accuracy, and ensuring financial compliance. It uses the QuickBooks Web Connector to ensure seamless data exchange for financial and customer information.

2 What Is This Document All About?

This document will describe the various enhancements incorporated in the BatchMaster Web-QB integration. Also, can be used to upload or download data from or to BatchMaster Web and QB.

2.1 What Is Integration?

The BME Web–QuickBooks Integration enables seamless connectivity between the ERP system, QuickBooks, and associated business applications. This integration ensures bidirectional synchronization of real-time data, thereby facilitating accurate data capture, transaction tracking, and analytical reporting across systems.

The purpose of the BatchMaster Web–QuickBooks Integration User Guide is to define integration concepts, describe the underlying process flow, and establish standardized guidelines for configuring and executing the required checkpoints within the system

2.2 Prerequisites

- QuickBooks Desktop installed and running.
- QuickBooks Web Connector (QBWC) installed and configured.
- BME Web Connector application installed.
- BME Web QB Connector Service installed on the same system as QuickBooks Desktop.
- BME Web login credentials.
- Proper user permissions in both BME Web and QuickBooks.
- Chart of Accounts in QuickBooks aligned with financial mappings from BME Web.



3 Integrating BatchMaster Web and QB

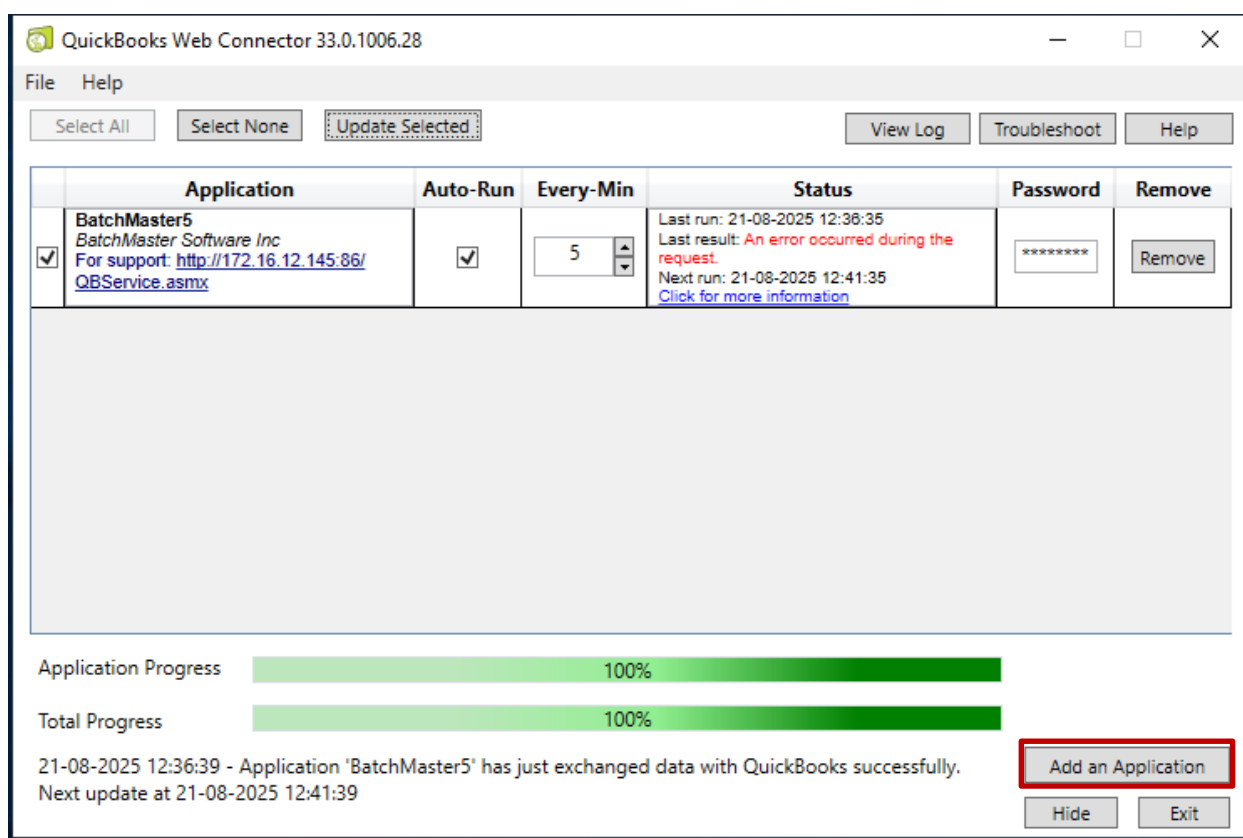
1. Locate and Open the QuickBooks Web Connector

The first step is to open the QuickBooks Web Connector application on your computer. You can find it by searching in your Windows Start menu.

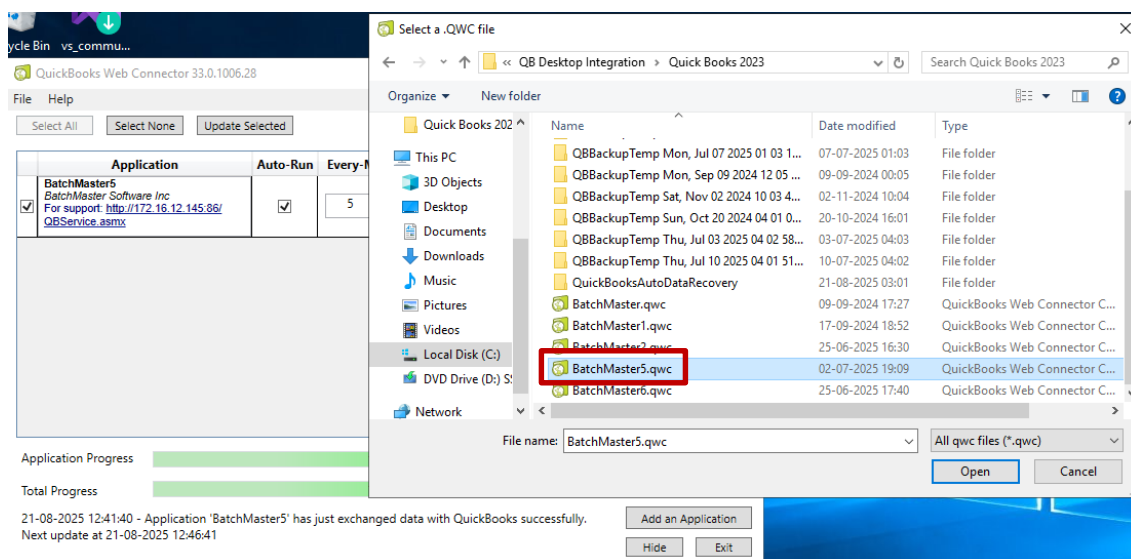
- Navigate to your Windows Start menu.
- Find and click on the *QuickBooks Web Connector* application.

2. Configure the Web Connector

Once you have opened the application click the *Add an Application* button that allows you to integrate BatchMaster Web application with QuickBooks via the Web Connector. This is typically used to enable automated data exchange between QuickBooks and BatchMaster Web.



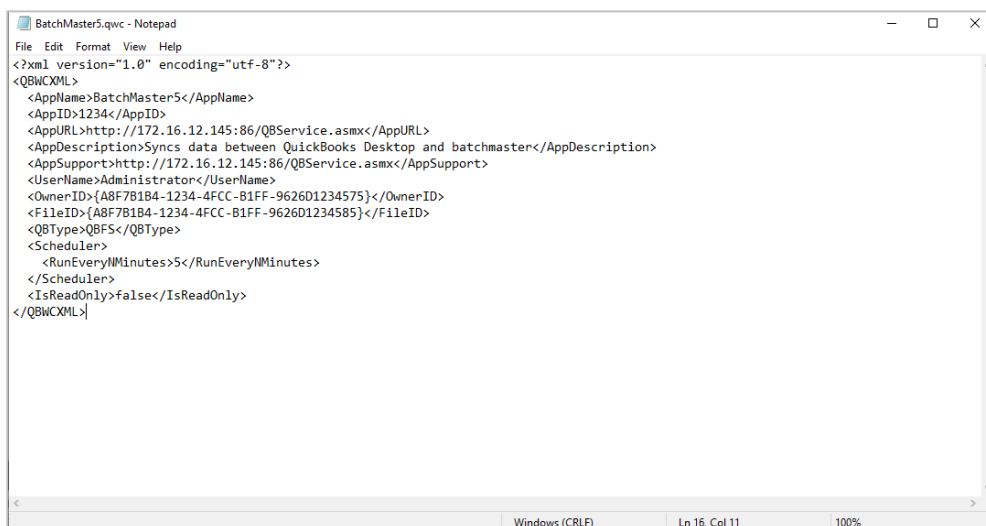
Browse and select a **.QWC file** that defines the configuration for a BatchMaster Web application to be integrated with QuickBooks.



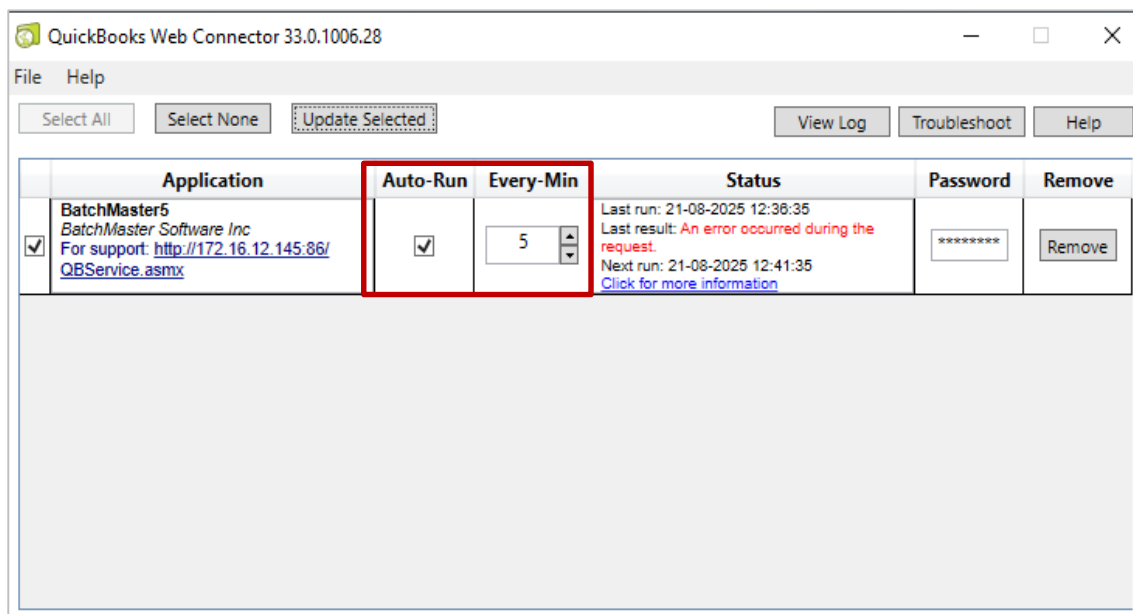
3. Review the Configuration File

The integration is managed by a configuration file, typically with a **.qwc** extension, such as BatchMaster5.qwc. This file contains the essential connection details in XML format. You can view the contents of this file to verify the AppURL, AppID, and OwnerID.

- The connector uses a configuration file to establish the connection. You can open and inspect this file.



- The AppURL will point to your BME Web instance (e.g., <http://172.16.12.176:86/QBService.asmx>).
- Once added, you will see a list of connected services. Ensure that BatchMaster Software Inc is listed. The Auto-Run checkbox should be ticked, and the Every-Min field specifies the frequency of data synchronization.



4 Upload Finance Data

Using the Upload Finance Data screen, you can upload finance-related data into the QuickBooks. It allows you to review, validate, and process records before committing them to the QuickBooks. This screen allows you to upload the following:

- Vendor Master
- AP Terms
- Customer Master
- AR Terms
- Invoice
- Voucher
- GL Entries
- Sales Person
- Territory



Upload Finance Data

Transaction/Master Type

From

To

Vendor Master

Vendor Master

AP Terms

Customer Master

AR Terms

Invoice

Voucher

GL Entries

Sales Person

AR Ship Via

AP Ship Via

Ship To

4.1 Customer Master – An Example

This screen allows you to pick customers from the BME Web and send them for integration to QuickBooks. Select customers for upload in BME Web.

Upload Finance Data

Transaction/Master Type

Customer Master

From

To

From Description

To Description

	Customer_Key	Customer_Name	Address_1	Address_2	Address_3	City	State	Zip_Code	Country
☐	ABCD123	abcd12345rrde	add1111	add2222	add333	Indore	mp		
☐	Amit Goyal	Amit Goyal							
☐	Avnish Poore	Avnish Poore	Brilliant Solitaire			Indore	MP	452009	IN
☐	BME	Roopesh Dube	34, Irvine Dr		MK Lane				
☐	C100	Roopesh Dube	Roopesh Dube	Brilliant Solitaire	Vijay Nagar	Indore	MP	452001	IN
☐	C200	Rajesh & Suhane	C200	Irvine	Indore MP				
☐	C300	C300					CA	92618	USA
☐	C400	Diego Rodriguez	321 Channing	Line2	Line3	Palo Alto	CA	94303	
☐	C600	C600	Lappert's Ice Cream				CA	94804	
☐	C700	C700 Domestic	C700 Domestic	9665-Irvine Dr	Lane 76Crossroad	Irvine	CA	92618	USA
☐	C800	Brenntag Pacific-Fresno	Brenntag Pacific-Fresno	175 N. Hughes Ave.	MK Lane	Fresno	CA	93706	USA
☒	CS150	Customer CS150	Irvine, Dr	Dosck Lane	Street FG	Irvine	CA	98261	USA
☐	CT100	Domestic Allesh Customer	Dock Lane	Street 8	Shipping Lane	Irvine	CA	98261	USA
☐	CUST1	cust1	add1	add2	add3	Indore	mp	452001	
☐	CUST2	cust2	add1	add2	add3				

Process

Upload

Close

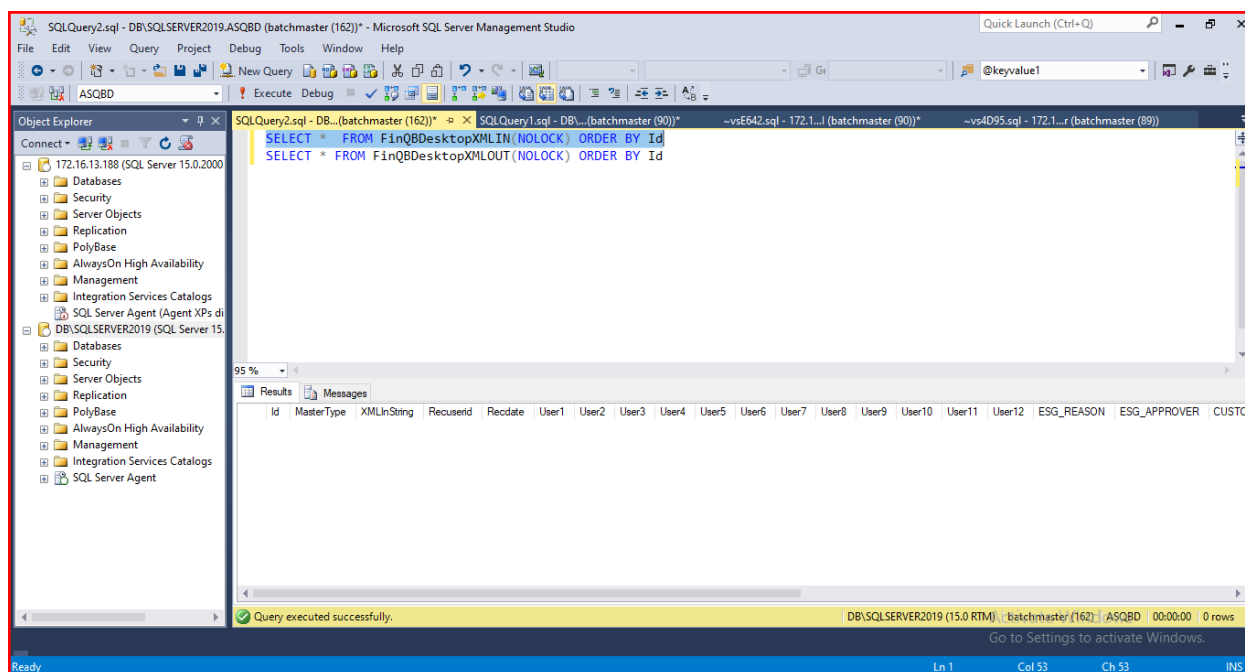
Activate Windows
Go to Settings to activate Windows.

In SQL Server, an initial empty check is performed on the staging tables using the queries `SELECT * FROM FinQBDesktopXMLIN (NOLOCK) ORDER BY Id` and `SELECT * FROM FinQBDesktopXMLOUT (NOLOCK) ORDER BY Id` to verify the data status before upload. The result shows empty tables with



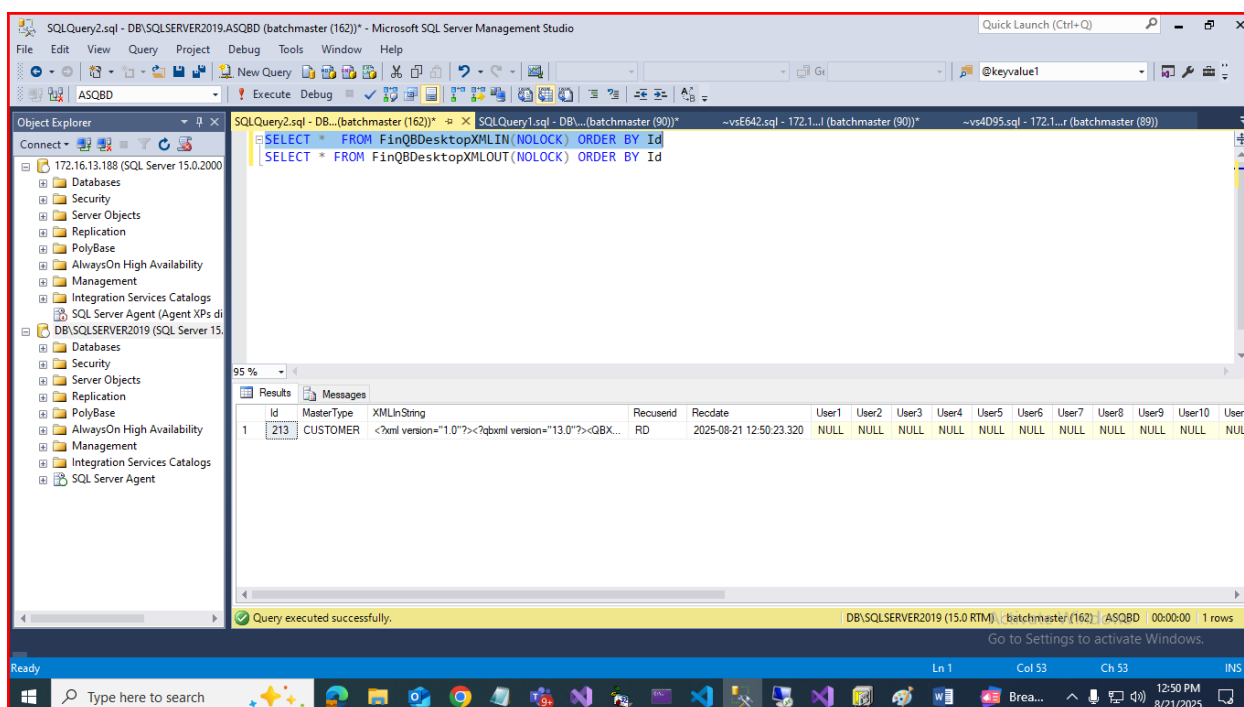
zero rows, indicating that there are no pending records or prior upload transactions, thereby confirming a clean state for processing new uploads.

SQL (FinQBDesktopXMLIN) → XML request stored for QuickBooks.



QuickBooks Web Connector → Picks XML and creates the customer in QuickBooks.

After uploading customer data from BME Web, a new record appears in the **FinQBDesktopXMLIN** table, where the MasterType is set to **CUSTOMER** and the XMLInString field contains the XML request with customer details for QuickBooks. For example, record **Id = 213** with a timestamp confirms the exact time of upload, proving that the selected BME Web record (C800) has been successfully staged and is now ready for synchronization with QuickBooks.



SQL (FinQBDesktopXMLOUT) → Stores QuickBooks' response/acknowledgement.

QuickBooks Desktop → Customer is visible under Customer Center.

SQL (FinQBDesktopXMLOUT) → Stores QuickBooks' response/acknowledgement.

XML Request:

<?xml version="1.0"?>

<?qbxml version="13.0"?>

<QBXML>

<QBXMLMsgsRq onError="stopOnError">

<CustomerModRq requestID="1">

<CustomerMod>

<ListID>80000018-1751361044</ListID>

<EditSequence>1755697895</EditSequence>

<Name>Brenntag Pacific-Fresno</Name>



```
<CompanyName>Brenntag Pacific-Fresno</CompanyName>

<BillAddress>

    <Addr1>Brenntag Pacific-Fresno</Addr1>

    <Addr2>175 N. Hughes Ave.</Addr2>

    <City>Fresno</City>

    <State>CA</State>

    <PostalCode>93706</PostalCode>

    <Country>USA</Country>

</BillAddress>

<Phone>(559) 485-4150</Phone>

<AltPhone>(559) 485-4150</AltPhone>

<Email>kamlesh_chourey@rediffmail.com</Email>

<TermsRef>

    <FullName>Net 30</FullName>

</TermsRef>

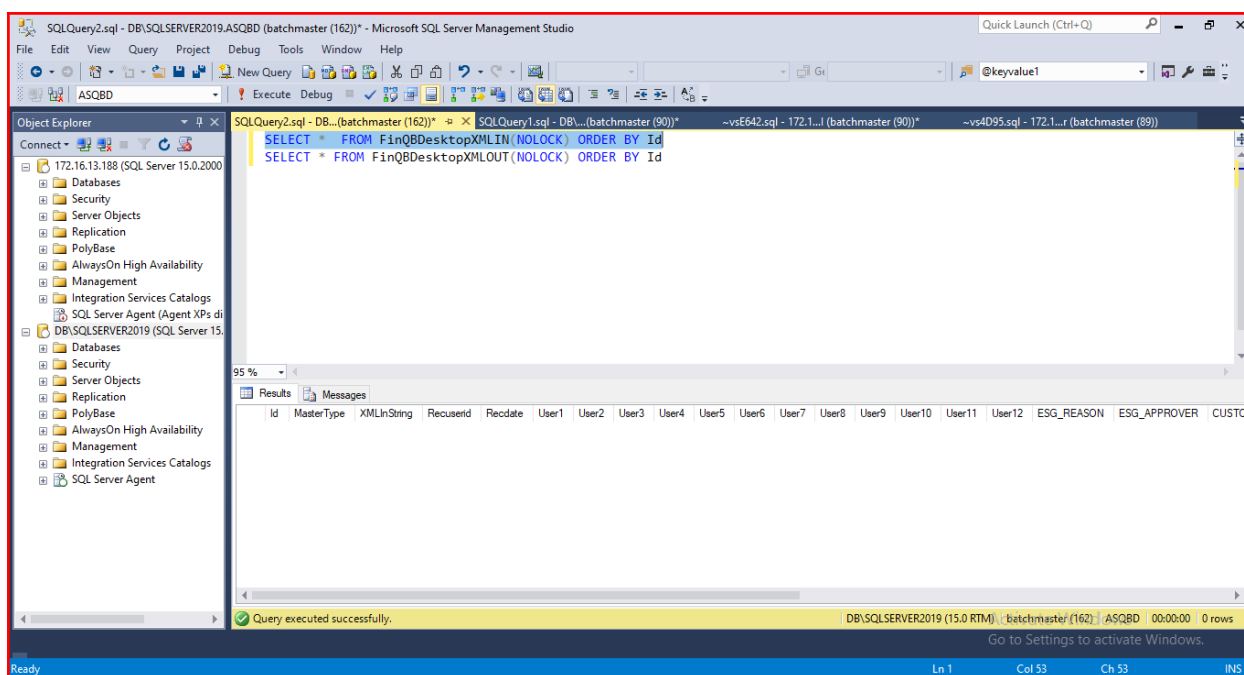
</CustomerMod>

</CustomerModRq>

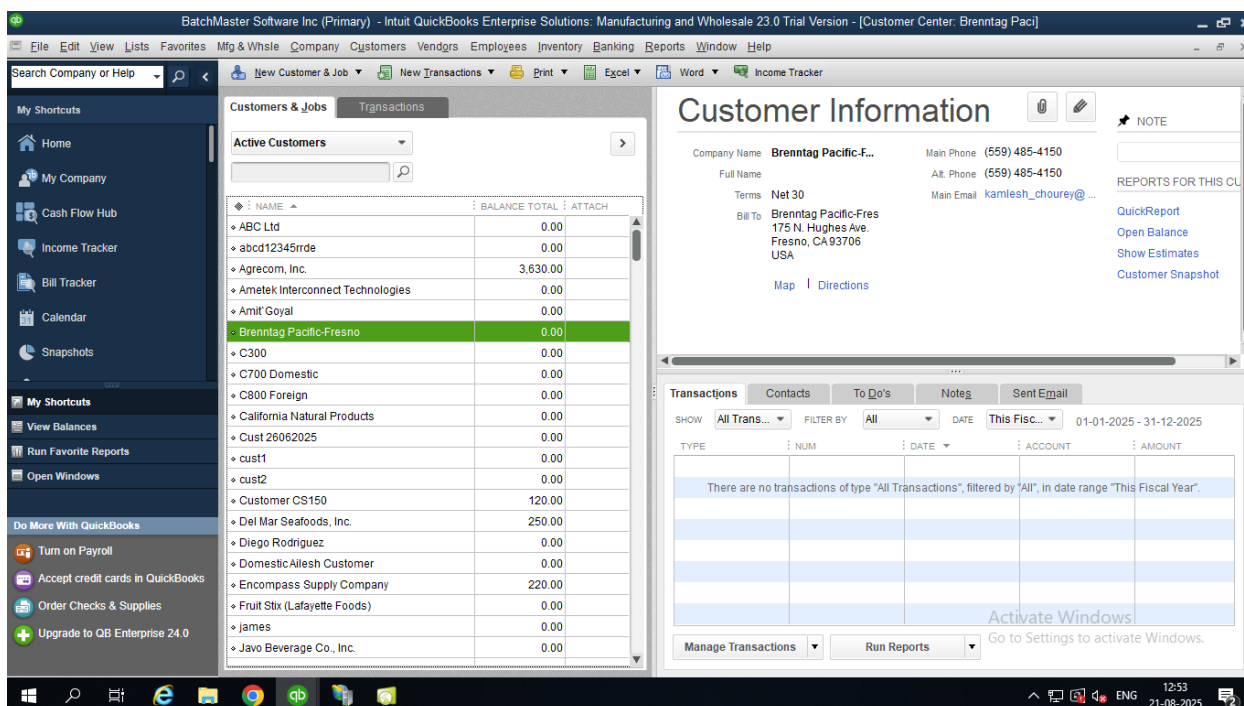
</QBXMLMsgsRq>

</QBXML>
```

In SQL Server, the **FinQBDesktopXMLOUT** table remains empty after the upload, which indicates that QuickBooks has not yet processed the XML request. The output records will only be generated and stored in this table once the QuickBooks Web Connector picks up the request and completes its processing.



In QuickBooks Desktop, under the Customer Center, the customer **Brenntag Pacific-Fresno** is now visible with details such as address, phone number, and payment terms accurately matching the data uploaded from the ERP. This confirms the successful transfer and synchronization of customer information through the complete flow from **BME Web → SQL Staging → QuickBooks Desktop**.



After processing by QuickBooks, the **FinQBDesktopXMLOUT** table becomes populated with records, where each row represents a transaction that has been handled. In this case, the entry corresponds



to a **CUSTOMER** event, with the status captured in the XML response. The columns display details such as the event type marked as **UPLOAD** along with reference keys, serving as confirmation from QuickBooks that the customer has been successfully created.

4.2 GL Entries – An Example

1. Select **Transaction/Master Type as GL Entries**, provided the date range, and click **Upload**.
2. The system generated a **Journal Batch No. OS-139** with status **Success**, confirming GL entries were successfully sent to the integration layer.

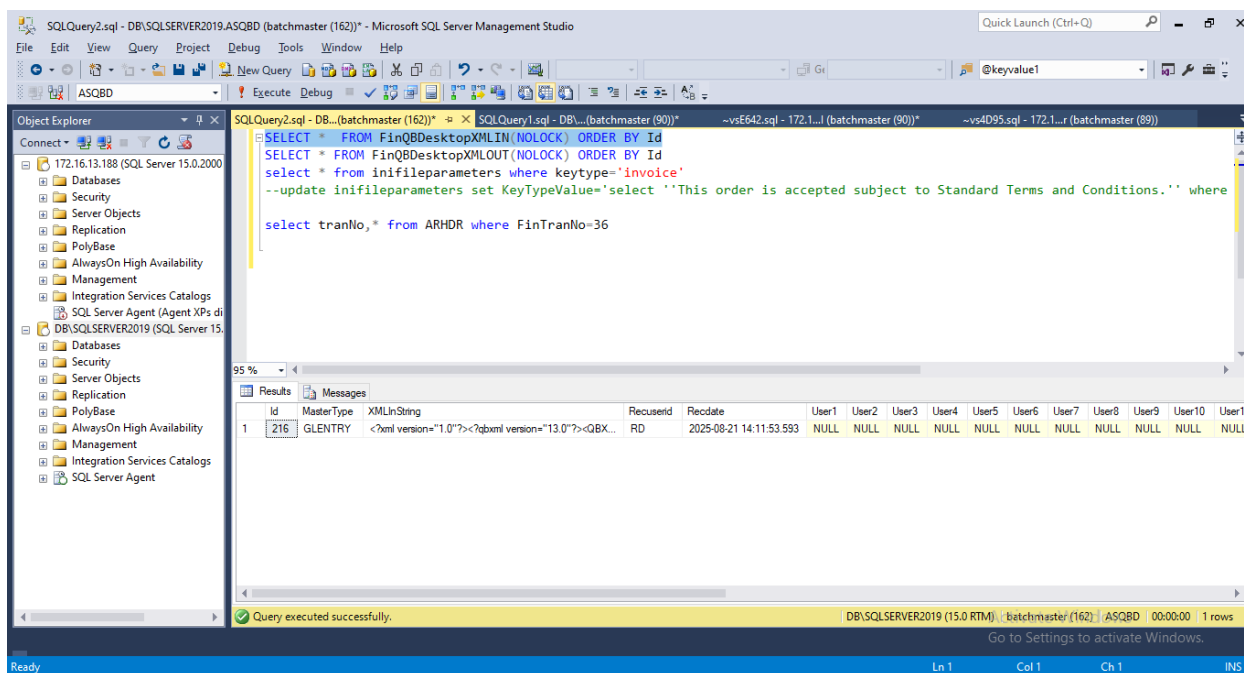
The screenshot shows the 'BatchMaster' application window. In the foreground, a 'GL Entry Update Report' dialog box is open, displaying the following information:

Journal Batch No.	Status
OS-139	Success

The dialog box has 'Save' and 'Close' buttons at the bottom. In the background, the 'Upload Finance Data' form is visible, showing 'Transaction/Master Type' as 'GL Entries', 'Start Date' as '08/21/25', and 'End Date' as '08/21/25'. The 'Upload' button is highlighted in blue.

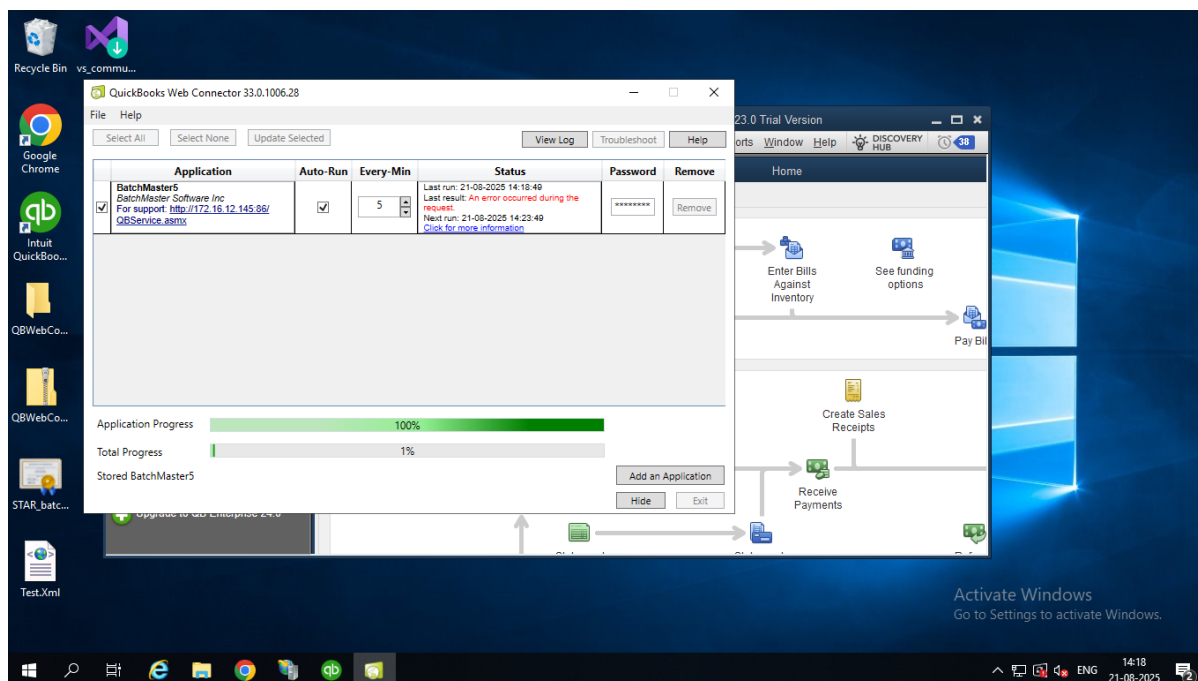
2. Data Written into SQL Server (Staging/Interface Table)

- A record is inserted into **FinQBDesktopXMLIN/OUT** tables.
- The XML string for **GL Entry (GLENTRY)** is stored, which will be picked by the QuickBooks Web Connector.
- This acts as the **interface staging table** between BatchMaster and QuickBooks.



3. QuickBooks Web Connector (QBTC) Execution

- As the **QuickBooks Web Connector** is running.
- The application **BatchMaster5** is registered and is running every 5 minutes.
- Status shows **progress**, meaning QBWC is reading records from SQL (via the web service QBEService.asmx) and pushing them to QuickBooks Desktop.



This is where XML prepared in the above step is transferred to QuickBooks.



```
<?xml version="1.0"?>
```

```
<?qbxml version="13.0"?>
```

```
<QBXML>
```

```
  <QBXMLMsgsRq onError="stopOnError">
```

```
    <JournalEntryAddRq requestID="1">
```

```
      <JournalEntryAdd>
```

```
        <TxnDate>2025-08-21</TxnDate>
```

```
        <RefNumber>OS-139</RefNumber>
```

```
        <JournalDebitLine>
```

```
          <AccountRef>
```

```
            <FullName>Cost of goods sold</FullName>
```

```
          </AccountRef>
```

```
          <Amount>25.00</Amount>
```

```
          <Memo>GL Dr Desc.:956-Ship 104</Memo>
```

```
          <EntityRef>
```

```
            <FullName>Agrecom, Inc.</FullName>
```

```
          </EntityRef>
```

```
        </JournalDebitLine>
```

```
        <JournalCreditLine>
```

```
          <AccountRef>
```

```
            <FullName>Accounts Receivable (A/R)</FullName>
```

```
          </AccountRef>
```



<Amount>25.00</Amount>

<Memo>GL Cr Desc.:956-Ship 104</Memo>

<EntityRef>

<FullName>Agrecom, Inc.</FullName>

</EntityRef>

</JournalCreditLine>

</JournalEntryAdd>

</JournalEntryAddRq>

</QBXMLMsgsRq>

</QBXML>

4. SQL Validation Post Upload

The SQL query shows **no pending records** in FinQBDesktopXMLIN → meaning the record was successfully consumed by QBWC.

The screenshot displays the Microsoft SQL Server Management Studio interface. The 'Object Explorer' on the left shows the database structure for '172.16.13.188 (SQL Server 15.0.2000)'. The 'Query Editor' in the center contains the following SQL query:

```
SELECT * FROM FinQBDesktopXMLIN(NOLLOCK) ORDER BY Id
SELECT * FROM FinQBDesktopXMLOUT(NOLLOCK) ORDER BY Id
select * from inifileparameters where keytype='invoice'
--update inifileparameters set KeyTypeValue='select ''This order is accepted subject to Standard Terms and Conditions.'' where
select tranNo,* from ARHDR where FinTranNo=36
```

The 'Results' pane at the bottom shows a table with the following columns: Id, MasterType, XMLInString, Recuserid, Recdate, User1, User2, User3, User4, User5, User6, User7, User8, User9, User10, User11, User12, ESG_REASON, ESG_APPROVER, CUSTC. The status bar at the bottom indicates 'Query executed successfully.' and 'DB\SQLSERVER2019 (15.0 RTM) \batchmaster (162) \ASQBD 00:00:00 0 rows'.



5. Confirmation of Acknowledgment

- In the FinQBDesktopXMLOUT table where status/acknowledgment is logged.
- For **Journal Batch OS-139**, the Event Type is UPLOAD, confirming QuickBooks accepted the GL Entry transaction.
- This is the final confirmation step of synchronization.

4.3 Error Handling & Logging

Errors may occur during sync due to invalid references, missing accounts, or mismatched mappings.

Example Error:

1. Error in uploading GL:

Error Message: (1). There is an invalid reference to QuickBooks Account "Accounts Receivable (A/R)" in the General Journal credit line.

QuickBooks error message: Invalid argument. The specified record does not exist in the list.

2. Resolution Steps:

1. Verify the **Account Name** exists in QuickBooks.
2. Ensure correct spelling and no duplicate naming.
3. Re-map the account in BME Web if necessary.
4. Retry sync after correction.
5. Open the QuickBooks Company File.



Before running the synchronization, you must open the correct company file in QuickBooks Desktop.

3. XML OUT table for error logging:



Id	MasterType	XMLOutString	Event Type	BMEKey1	BMEKey2	Recuseid	Recdate	User1	User2	User3	User4	User5	User6	User7	User8
10	VOUCHER	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <Bil...	UPLOAD	58		NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
11	QUERY	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <Jo...	DOWNL...			NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
12	GLENTY	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <Jo...	UPLOAD	OP-134		NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
13	GLENTY	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <Jo...	UPLOAD	OP-133		NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
14	GLENTY	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <Jo...	UPLOAD	OP-132		NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
15	CUSTOMER	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <Cu...	UPLOAD			NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
16	ITEM	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <ite...	UPLOAD			NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
17	INVOICE	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <In...	UPLOAD	23		NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
18	CUSTOMER	<?xml version="1.0" ?> <QBXML> <QBXMLMagaRs> <Cu...	UPLOAD			NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

5 Download Finance Data

1. Log in to your BME Web application.
2. To download financial data, navigate to the Finance section and select Download Finance. A form will appear, allowing you to choose the Transaction/Master Type to download, such as:
 - Vendor Master
 - Ap Terms
 - Customer Master
 - AR Terms
 - Account
 - Ship Via



Download Finance Data

Master Type	Vendor Master	✓	↺
From	Vendor Master	Q	
To	AP Terms	Q	
	Customer Master		
	AR Terms		
	Account		
	Sales Person		
	AR Ship Via		
	AP Ship Via		
	Ship To		

3. Specify the *Date Range* for the data you want to retrieve.
4. Click the *Download* button to initiate the process.
5. In QuickBooks Desktop, you can verify the downloaded information. Say for instance Customer - Go to "Customers" > "Customer Center."
6. You can search for and view details of customers that have been synchronized and downloaded from BME Web.

Customer Information

Company Name: Brenntag Pacific-F...
Main Phone: (559) 485-4150
Full Name: Brenntag Pacific-Fres
Alt Phone: (559) 485-4150
Terms: Net 30
Main Email: kamlesh_chourey@...
Bill To: Brenntag Pacific-Fres
175 N. Hughes Ave.
Fresno, CA 93706
USA
Map | Directions

Transactions

SHOW: All Trans... FILTER BY: All DATE: This Fisc... 01-01-2025 - 31-12-2025

There are no transactions of type "All Transactions", filtered by "All", in date range "This Fiscal Year".