



Expert Solution  
Technologies

GP Xchange Rate Web Feeder

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## Pre-requisites:

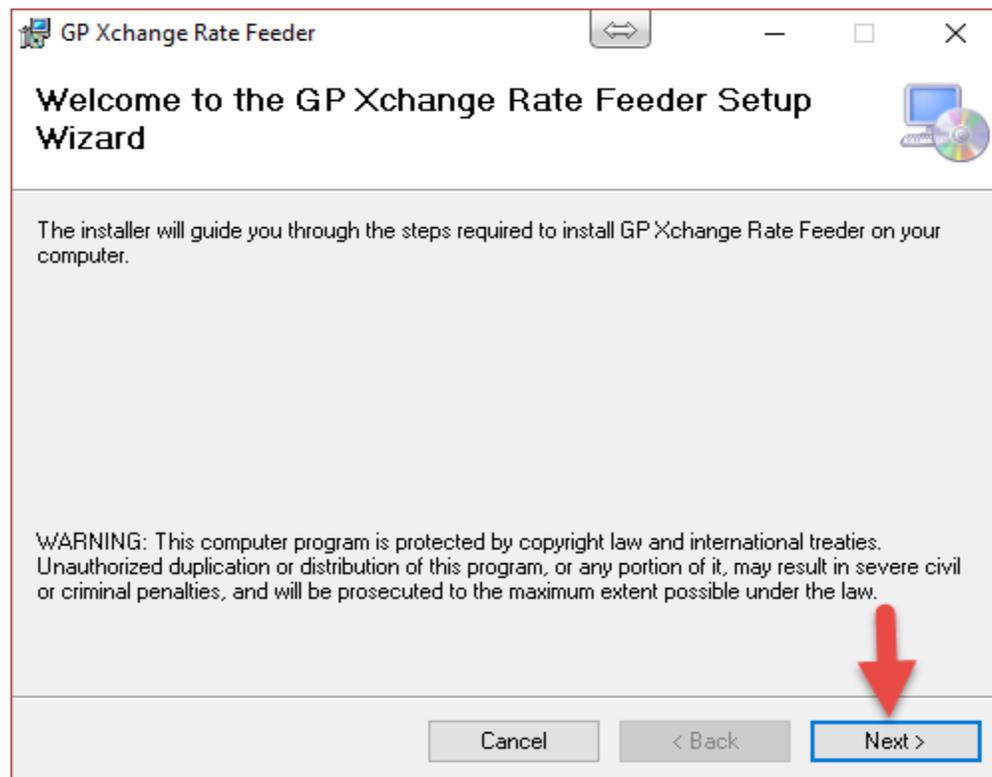
- .Net client profile 4.5.2
- Windows Installer 3.1
- Microsoft Dynamics GP (should be installed)
- eConnect (should be installed)

## Introduction:

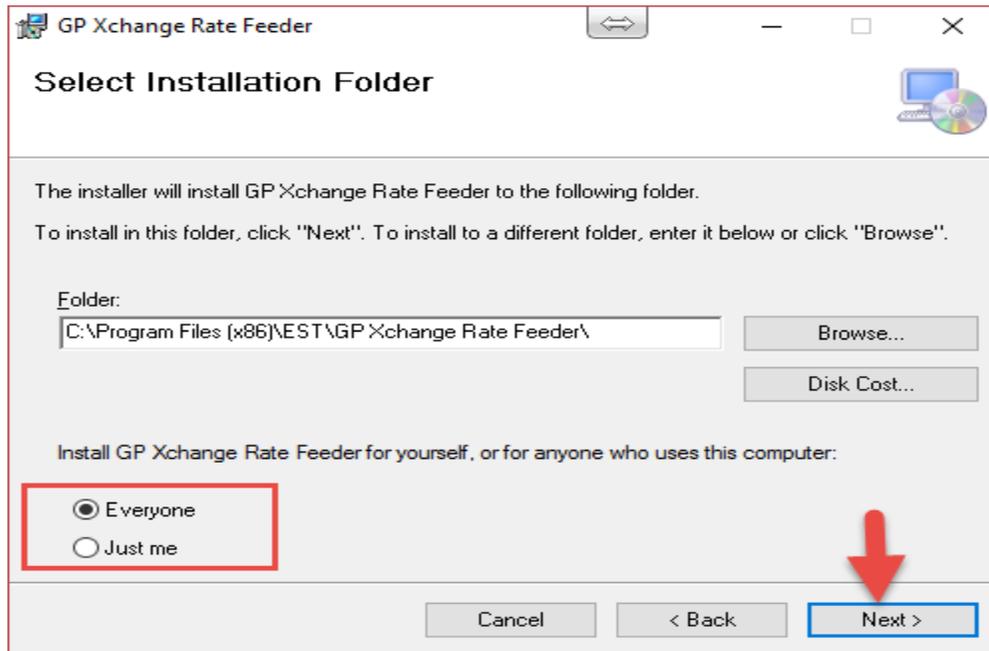
Exchange Rate Web Feeder Application will automatically fetch the latest exchange rate (current date) using web-services via internet and update your Dynamics GP's Multicurrency Exchange Rates.

## Installation Instructions:

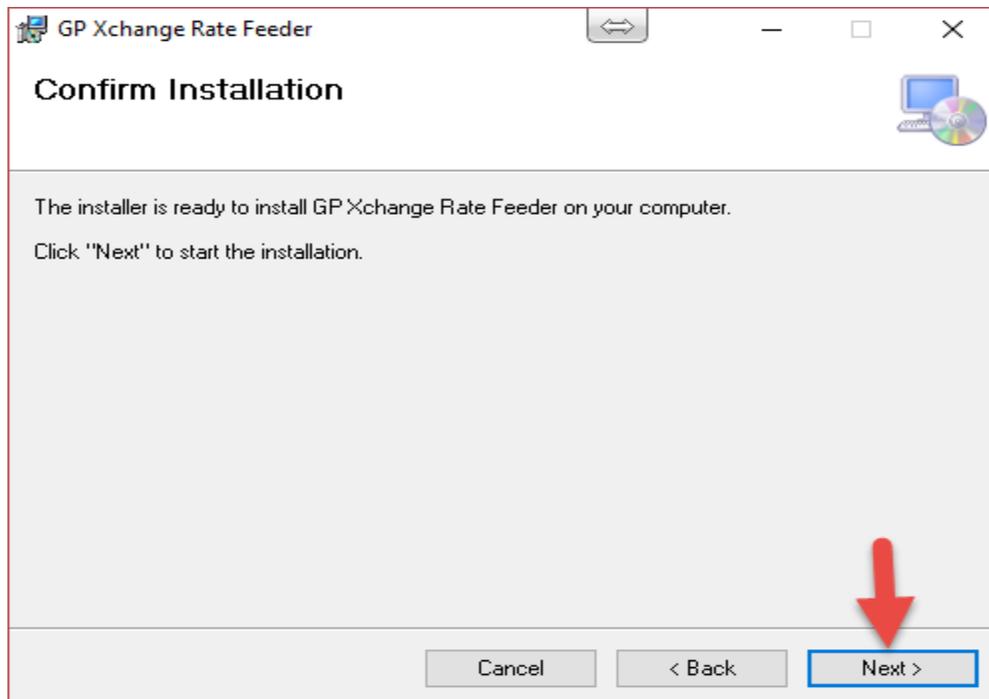
- Open the Setup folder and double click on the setup.exe file, then the GP Xchange Rate Feeder installation screen will appear.



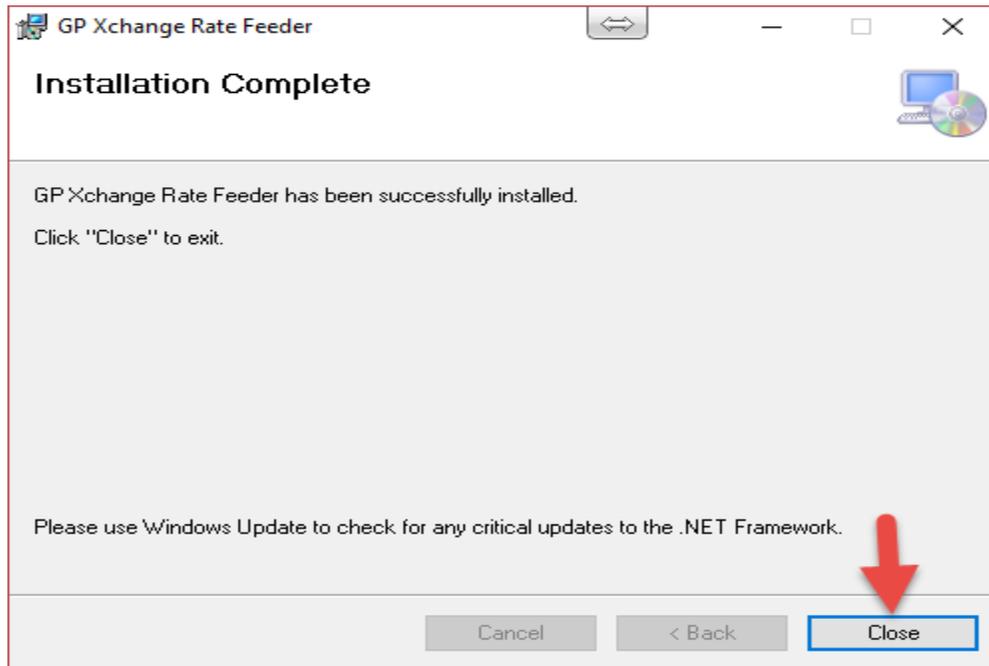
- As shown in the above screen, click on Next button.
- Make sure to select "Everyone" radio button and click on Next button.



- Click on Next button to continue the installation process.

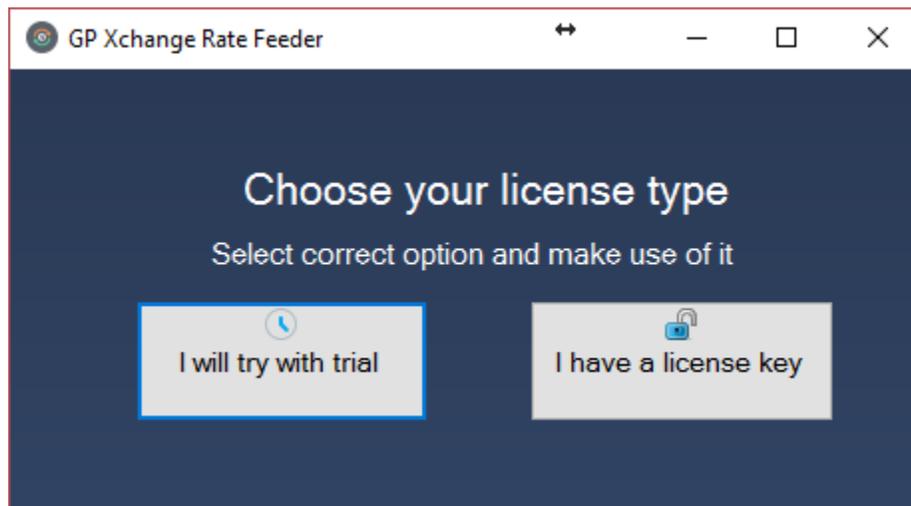


- The application will get installed within few seconds.
- Click on Close button to complete the installation process.



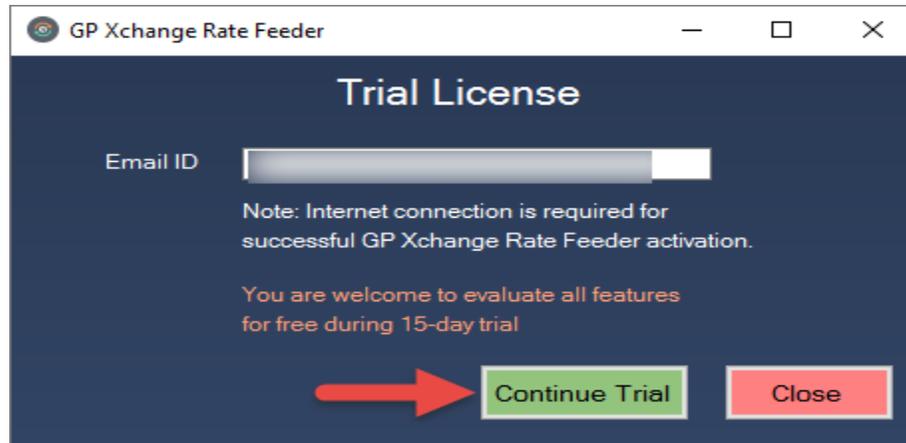
## License Information:

- Open the utility using the Desktop shortcut created, once installation is done.

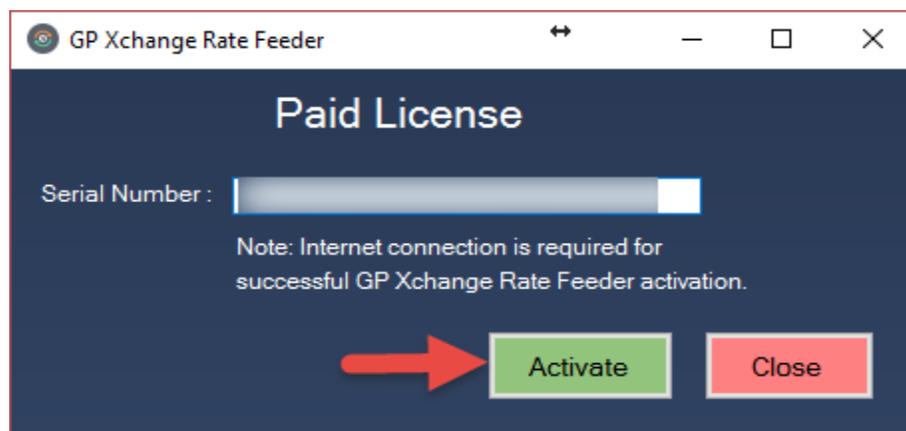


- A screen will appear to choose the license type to make use of the utility.
- Select preferable license option using the information provided below.
- If user selects "I will try with trial" button, a screen will be displayed to provide Email address to access the application.

- The trial license period will be 30 days initially and then user has to activate the license.



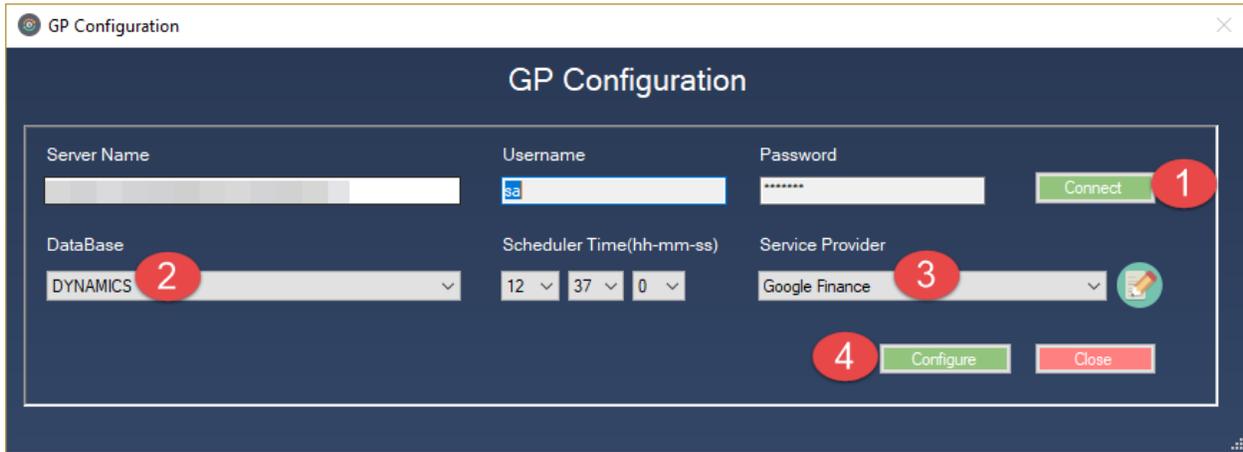
- If user selects "I have license Key" option, a screen will be displayed to enter the serial key and activate their license to make use of the utility.



- A success message will be displayed in the utility once the key is activated successfully.

## GP Configuration/Scheduler Settings:

- GP configuration screen will be displayed once clicked on "ok" button in the success message.
- User has to provide the respective SQL server information (Server name, username and password).
- Click on Connect button to get the database information related to the selected server.
- Select the "Dynamics" (GP Common database) database in the Database dropdown.



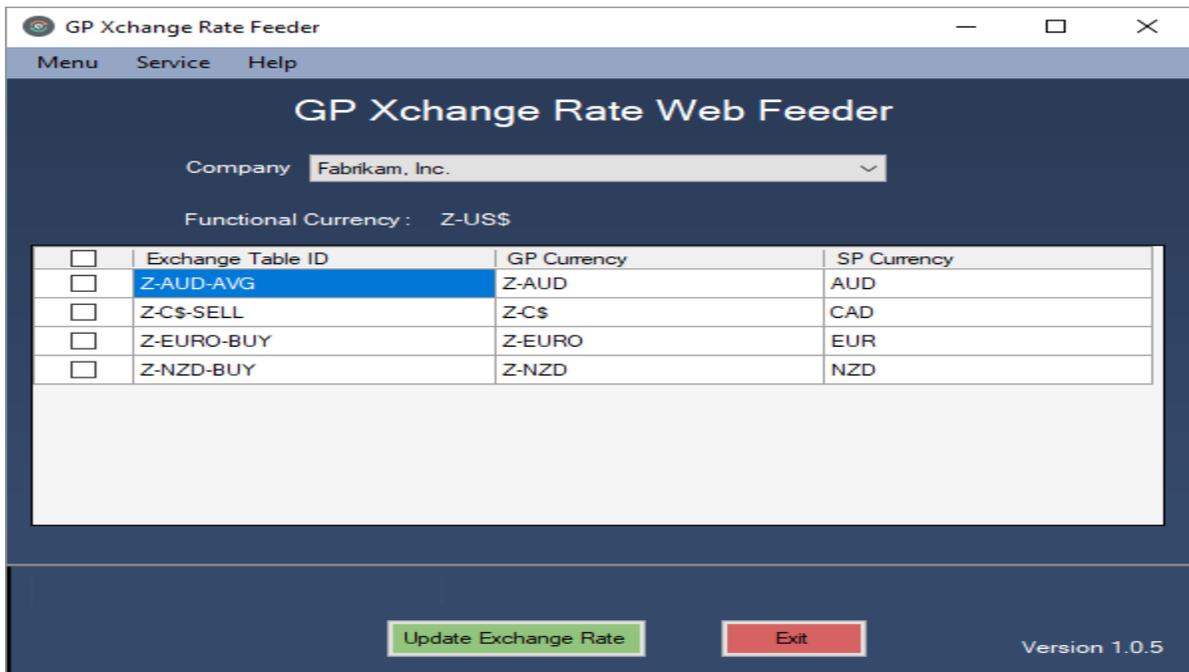
GP Configuration

Server Name: [ ] Username: sa Password: [ ] Connect 1

DataBase: DYNAMICS 2 Scheduler Time(hh-mm-ss): 12 37 0 Service Provider: Google Finance 3

Configure 4 Close

- Select the scheduler time to update the Exchange Rates automatically. So that, Exchange Rates will be updated to GP in the scheduled time automatically.
- Select the required service provider as listed in the dropdown ('Google finance' is preferable) and click on Configure button.
- The GP Configuration will be saved and GP Xchange Rate Web Feeder utility will be opened successfully.



GP Xchange Rate Feeder

Menu Service Help

Company: Fabrikam, Inc.

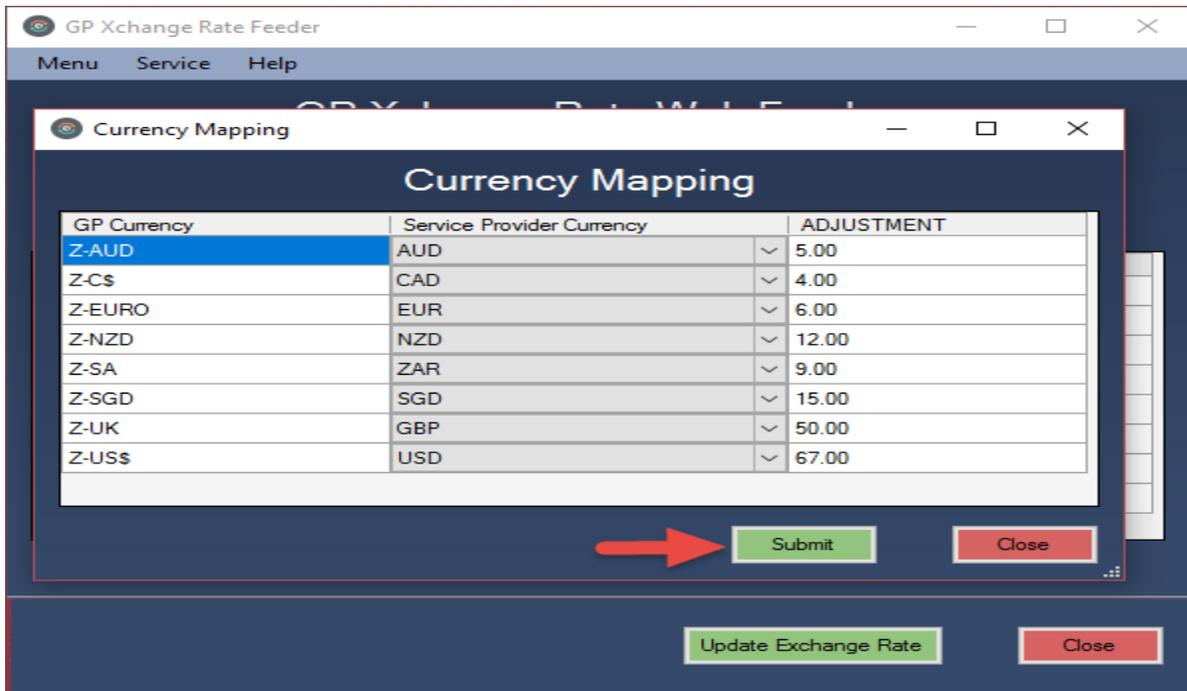
Functional Currency: Z-US\$

<input type="checkbox"/>	Exchange Table ID	GP Currency	SP Currency
<input type="checkbox"/>	Z-AUD-AVG	Z-AUD	AUD
<input type="checkbox"/>	Z-C\$-SELL	Z-C\$	CAD
<input type="checkbox"/>	Z-EURO-BUY	Z-EURO	EUR
<input type="checkbox"/>	Z-NZD-BUY	Z-NZD	NZD

Update Exchange Rate Exit Version 1.0.5

## Currency mapping:

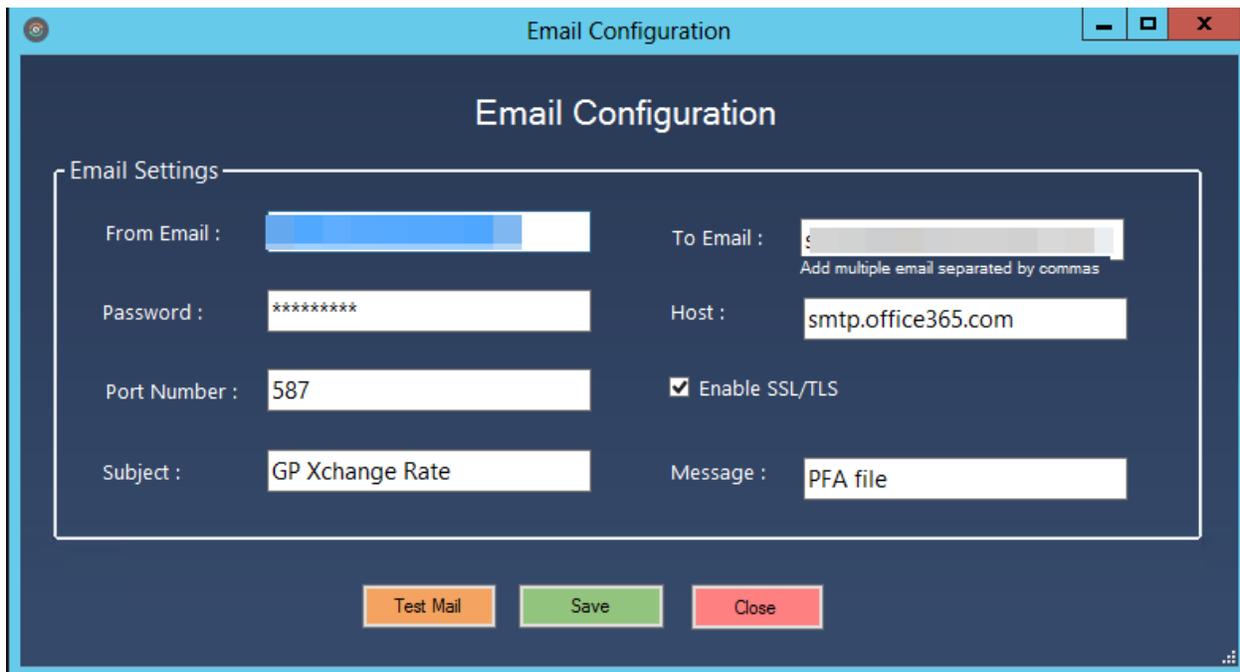
- Go to Menu option in the left top of the utility and select “Currency Mapping” label.
- Currency mapping screen will be displayed with the list of currencies available from the configured Dynamics GP.
- Utility will map GP currency with your currency conversion service provider using GP currency ISO Code automatically.
- User can change the service provider currency mapping if required.
- User can adjust the amount for required currency at any time. Therefore, exchange rate will added to the provided adjustment amount.
- Click on Submit button. So that, currency mapping will be saved successfully.



GP Currency	Service Provider Currency	ADJUSTMENT
Z-AUD	AUD	5.00
Z-C\$	CAD	4.00
Z-EURO	EUR	6.00
Z-NZD	NZD	12.00
Z-SA	ZAR	9.00
Z-SGD	SGD	15.00
Z-UK	GBP	50.00
Z-US\$	USD	67.00

## Email Configuration:

- Go to Menu option in the left top of the utility and select “Email Configuration” option.
- Email Configuration screen will displayed.
- User has to provide ‘From’ Email address along with the respective password.
- ‘Host’ & ‘Port Number’ has to provide based on the domain of the provided From Email address.
- Please select ‘Enable SSL/TLS’ check box if required to send an Email based on your domain.
- Provide ‘To Email’ to send the notifications about updated exchange rates.
- ‘Test Email’ feature helps to confirm whether the provided Email configuration is valid.
- Save the Email configuration using ‘Save’ button.
- User will get an Email whenever exchange rate(s) updated in GP. A file will be attached along with the Email with updated exchange rate details.



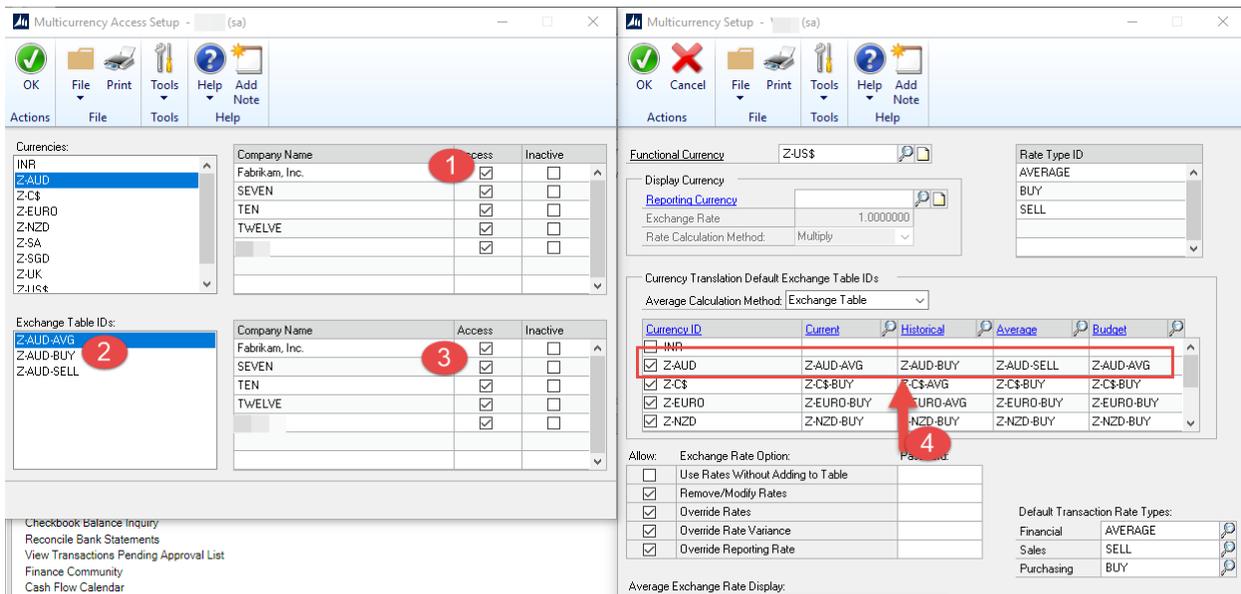
The screenshot shows a window titled "Email Configuration" with a dark blue background. The window contains the following fields and controls:

- From Email :** [Text input field]
- Password :** [Text input field with masked characters]
- Port Number :** [Text input field with value "587"]
- Subject :** [Text input field with value "GP Xchange Rate"]
- To Email :** [Text input field with value "s..."]  
Add multiple email separated by commas
- Host :** [Text input field with value "smtp.office365.com"]
- Enable SSL/TLS**
- Message :** [Text input field with value "PFA file"]

At the bottom of the window, there are three buttons: "Test Mail" (orange), "Save" (green), and "Close" (red).

## Additional Information: Exchange Table ID Mapping:

- Utility will display the 'Exchange Table ID' list for the selected company based on multicurrency access in GP and mapped "Currency Translation Default Exchange Table ID's".



The screenshot displays two windows from Microsoft Dynamics GP:

- Multicurrency Access Setup - (sa)**: Shows a list of currencies (INR, Z-AUD, Z-C\$, Z-EURO, Z-NZD, Z-SA, Z-SGD, Z-UK, Z-US\$) and a table of Exchange Table IDs for selected companies (Fabrikam, Inc., SEVEN, TEN, TWELVE). The 'Access' checkbox for Fabrikam, Inc. is highlighted with a red circle '1'.
- Multicurrency Setup - (sa)**: Shows the configuration for a specific company. The Functional Currency is Z-US\$. The Reporting Currency is Z-AUD. The Exchange Rate is 1.0000000. The Rate Calculation Method is Multiply. The Currency Translation Default Exchange Table IDs are set to Exchange Table. A table of Currency ID, Current, Historical, Average, and Budget rates is shown, with Z-AUD-AVG highlighted in red and a red arrow pointing to it labeled '4'. The 'Allow' section includes options for Exchange Rate Option (Use Rates Without Adding to Table, Remove/Modify Rates, Override Rates, Override Rate Variance, Override Reporting Rate) and Default Transaction Rate Types (Financial: AVERAGE, Sales: SELL, Purchasing: BUY).

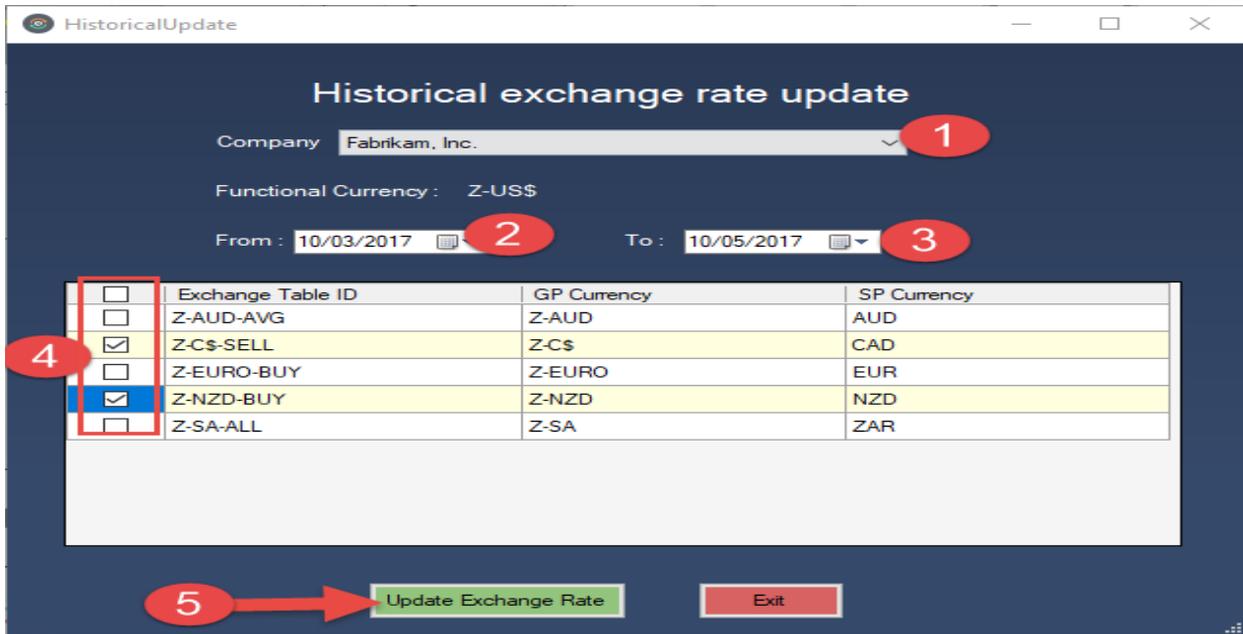
- Exchange rate tables are used to store multiple exchange rates for a single currency. The tables are set up once in Microsoft Dynamics GP and the exchange rates assigned to the tables are entered periodically. You can use an exchange rate table in multiple companies if the companies use the same functional currency.

## Calculation methods for exchange rates:

- Exchange rates are updated to GP based on rate calculation method chosen in GP for that Exchange Table ID.

## Historical Update:

- Historical update helps to update the exchange rates for missing dates.
- User can select the required company and choose the date 'From' & 'To' (missing date range) then update the exchange rates for the required 'Exchange Table ID's'.



HistoricalUpdate

### Historical exchange rate update

Company: Fabrikam, Inc.

Functional Currency: Z-US\$

From: 10/03/2017 To: 10/05/2017

<input type="checkbox"/>	Exchange Table ID	GP Currency	SP Currency
<input type="checkbox"/>	Z-AUD-AVG	Z-AUD	AUD
<input checked="" type="checkbox"/>	Z-C\$-SELL	Z-C\$	CAD
<input type="checkbox"/>	Z-EURO-BUY	Z-EURO	EUR
<input checked="" type="checkbox"/>	Z-NZD-BUY	Z-NZD	NZD
<input type="checkbox"/>	Z-SA-ALL	Z-SA	ZAR

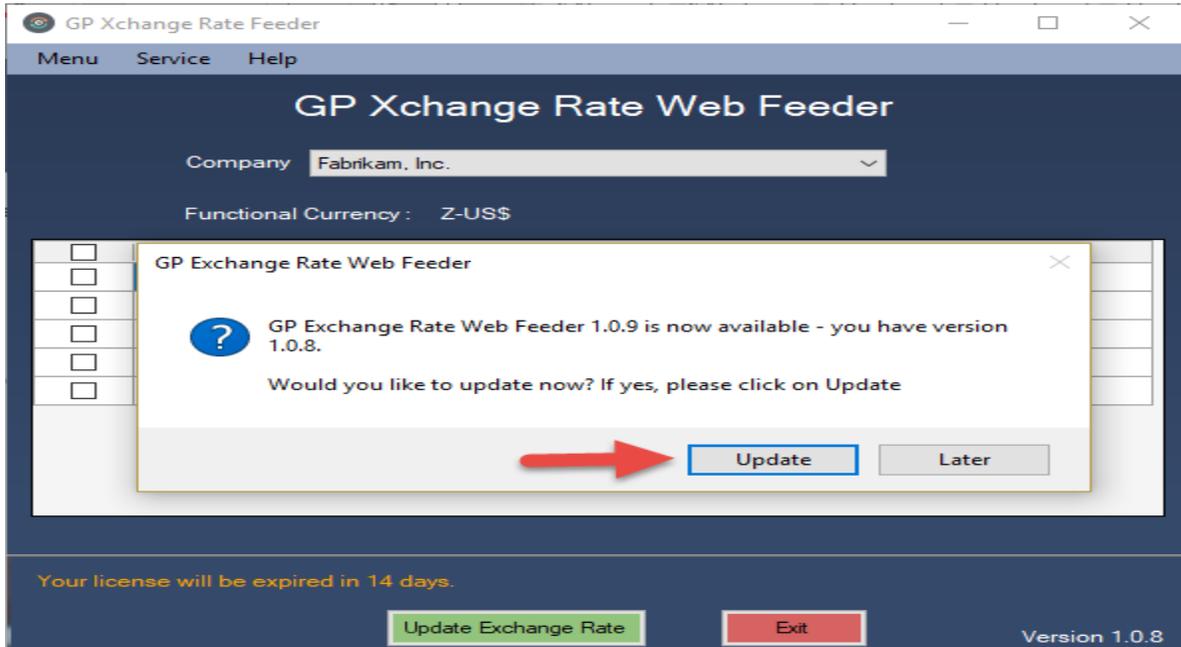
Update Exchange Rate Exit

## Note:

- User has to update the historical exchange rate feature manually.
- User cannot update the exchange rates for a date more than once (duplicates will be updated in GP).

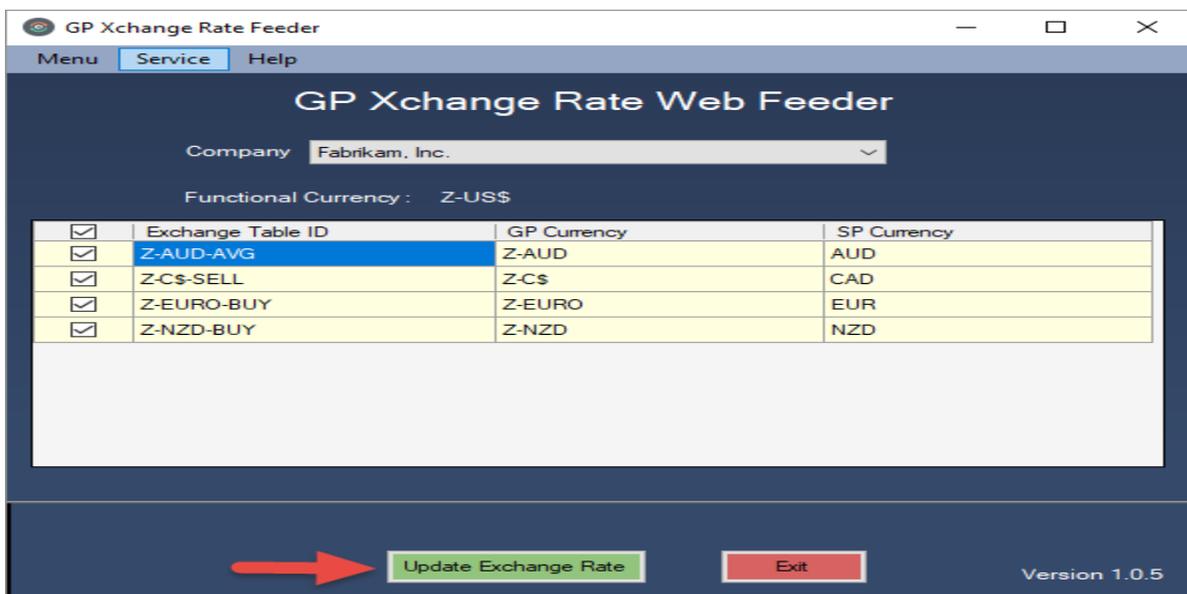
## Product Updates:

- User will get an email notification to their registered email address whenever there is an update in the application.
- User can go to Help menu (provided at the top menu in the utility) → 'Check for update' to update the application.
- User will get a confirmation message to update the application.
- Click on 'Update' button to proceed.
- Application will be upgraded to latest version and restart automatically within few seconds.

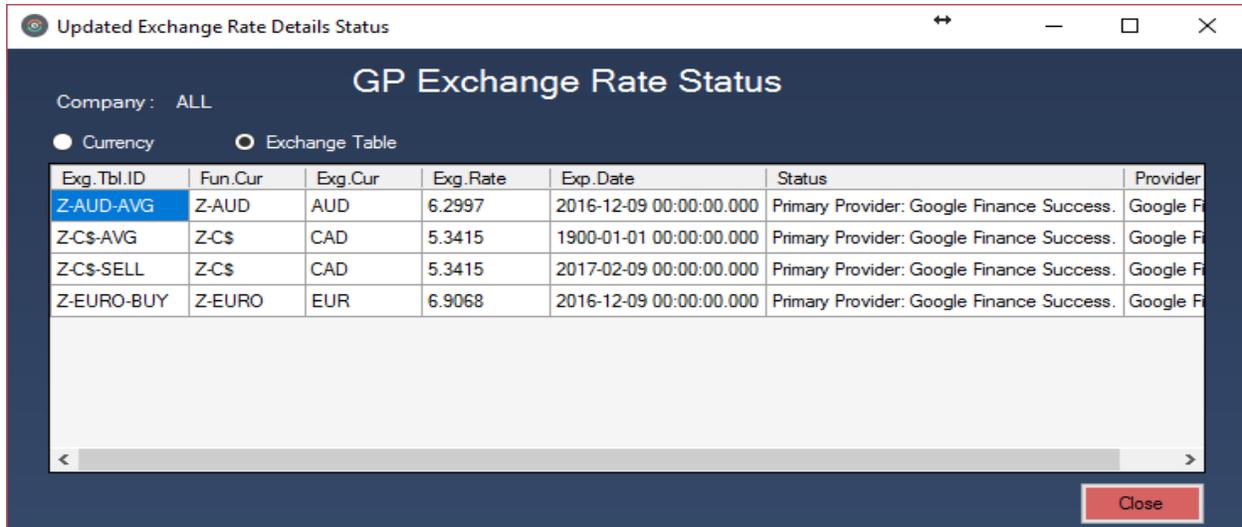


## Manual Exchange Rate(s) update Workflow:

- Go to main screen and select the required company using Company dropdown then click on Exchange Table radio button.
- The list of Exchange Table ID will be displayed in the utility.
- Select the required Exchange Table ID and click on "Update Exchange Rate" button.



- The Exchange Rate will be updated only for the selected Exchange Table ID.



Updated Exchange Rate Details Status

GP Exchange Rate Status

Company: ALL

Currency  Exchange Table

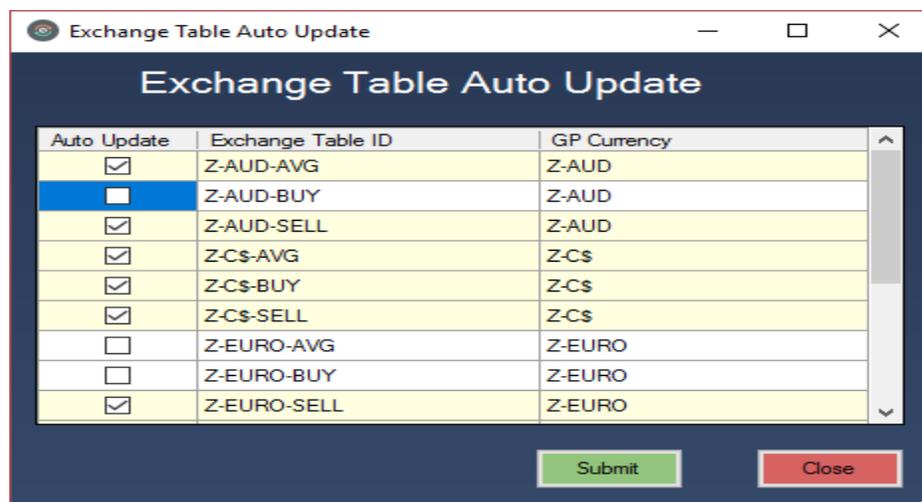
Exg.Tbl.ID	Fun.Cur	Exg.Cur	Exg.Rate	Exp.Date	Status	Provider
Z-AUD-AVG	Z-AUD	AUD	6.2997	2016-12-09 00:00:00.000	Primary Provider: Google Finance Success.	Google F
Z-C\$-AVG	Z-C\$	CAD	5.3415	1900-01-01 00:00:00.000	Primary Provider: Google Finance Success.	Google F
Z-C\$-SELL	Z-C\$	CAD	5.3415	2017-02-09 00:00:00.000	Primary Provider: Google Finance Success.	Google F
Z-EURO-BUY	Z-EURO	EUR	6.9068	2016-12-09 00:00:00.000	Primary Provider: Google Finance Success.	Google F

Close

## Exchange Rate Auto Update:

### Auto Update Settings for Exchange Rate Table:

- Go to Menu option in the left top of the utility and select "Exchange Table Auto Update" option.
- Exchange Rate Table Auto update screen will be displayed with the list of Exchange table ID along with their GP currency.
- By Default, all Exchange Table ID will be selected for auto update, user can do required changes at any time.
- Click on Submit button to save the Exchange Table Auto Update settings.



Exchange Table Auto Update

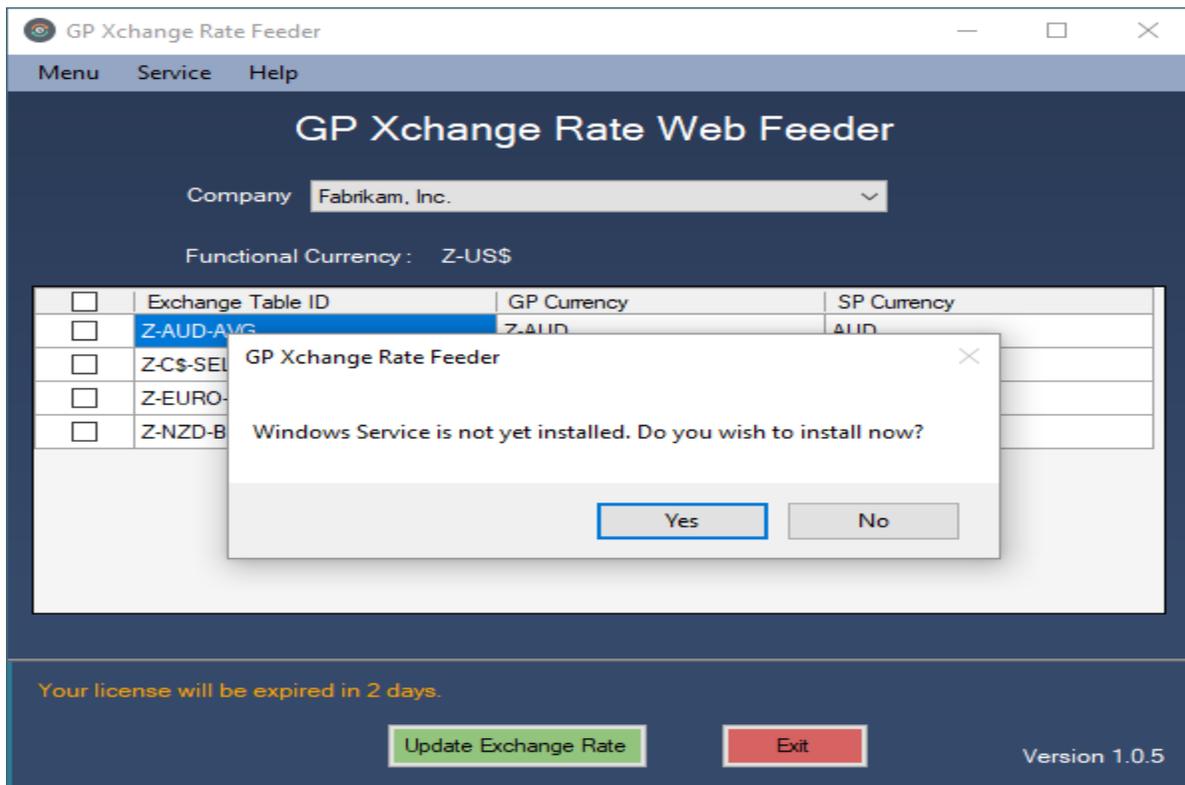
Auto Update	Exchange Table ID	GP Currency
<input checked="" type="checkbox"/>	Z-AUD-AVG	Z-AUD
<input type="checkbox"/>	Z-AUD-BUY	Z-AUD
<input checked="" type="checkbox"/>	Z-AUD-SELL	Z-AUD
<input checked="" type="checkbox"/>	Z-C\$-AVG	Z-C\$
<input checked="" type="checkbox"/>	Z-C\$-BUY	Z-C\$
<input checked="" type="checkbox"/>	Z-C\$-SELL	Z-C\$
<input type="checkbox"/>	Z-EURO-AVG	Z-EURO
<input type="checkbox"/>	Z-EURO-BUY	Z-EURO
<input checked="" type="checkbox"/>	Z-EURO-SELL	Z-EURO

Submit Close

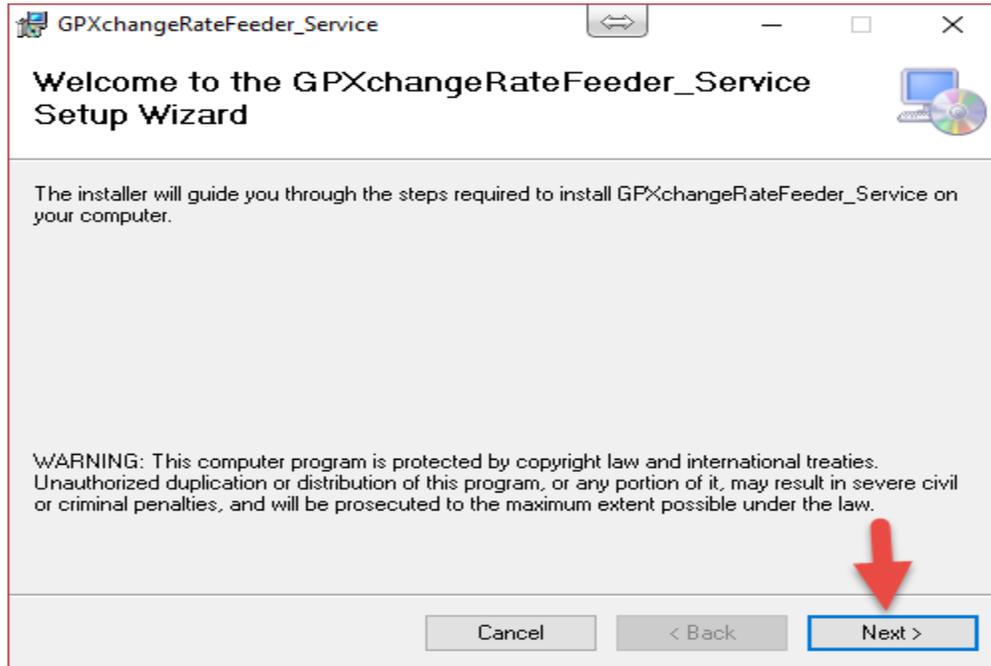
- The auto update functionality will work only for the selected Exchange Table ID.

## Start Service:

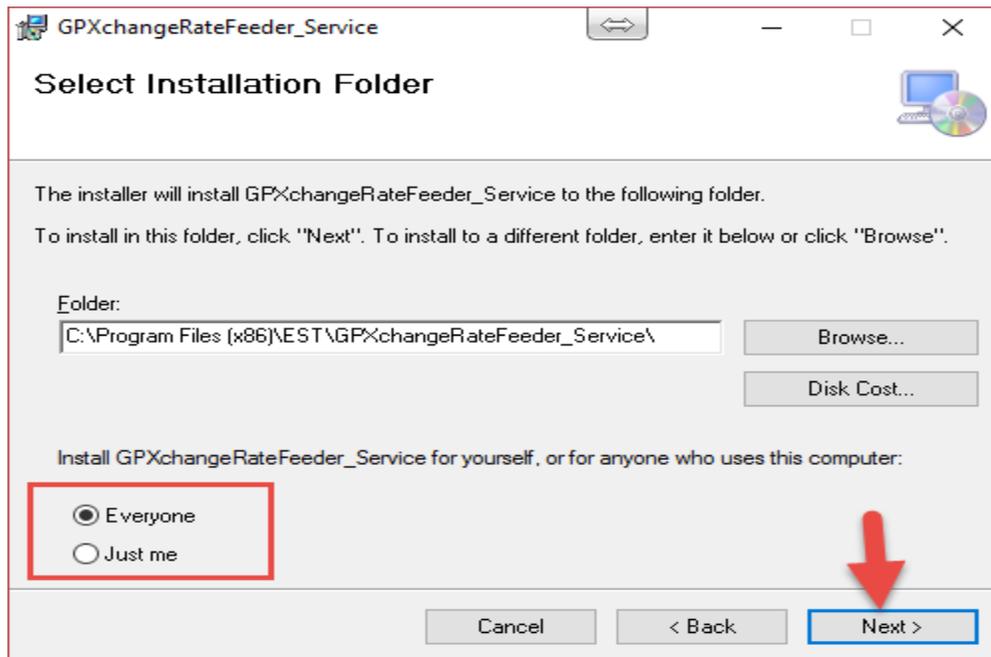
- Go to Service menu at the top of the utility and click on Start Service.
- Utility will display a message to install the service.
- Click on 'Yes' button to install the service, to make the automatic update function work.



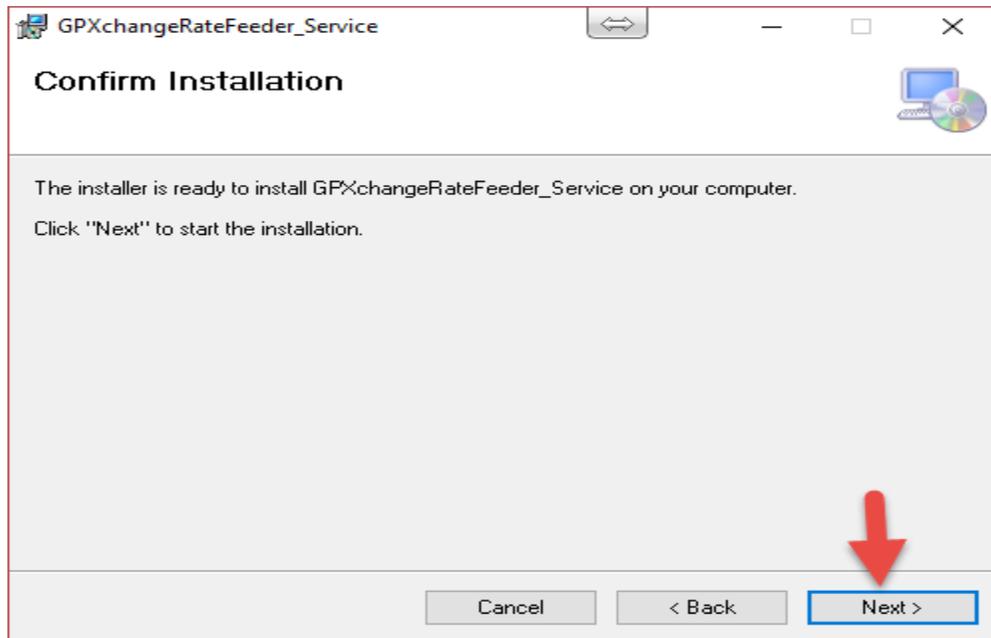
- Click on Yes button to install the service, then the GP Xchange Rate Feeder service installation screen will appear.



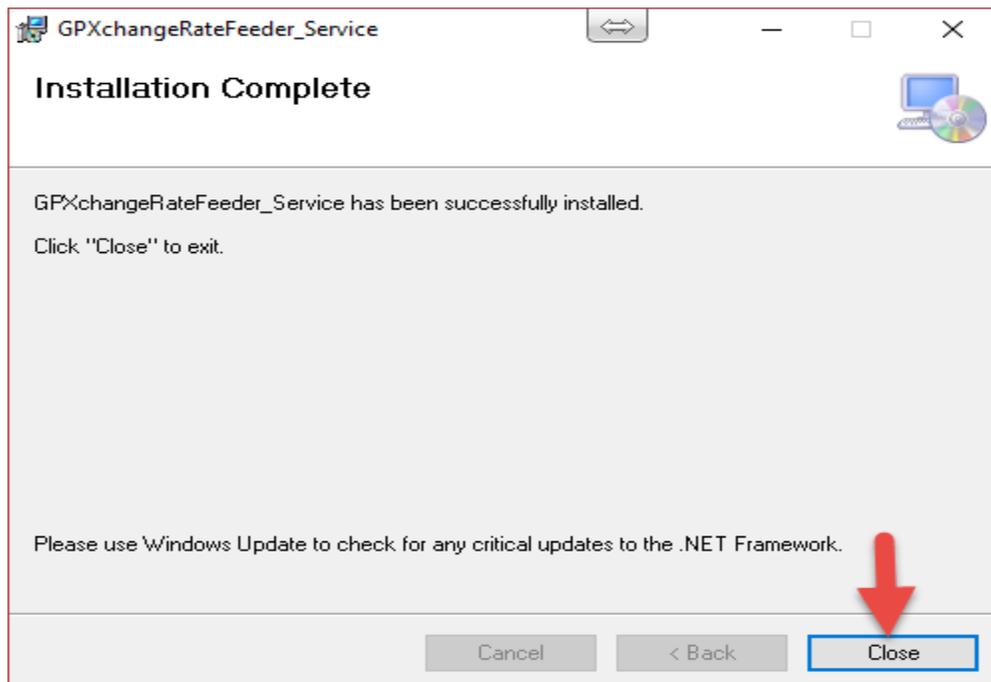
- As shown in the above screen, click on Next button.
- Make sure to select "Everyone" radio button and click on Next button.



- Click on Next button to continue the installation process.



- The application will get installed within few seconds.
- Click on Close button to complete the installation process.



- Once the installation is completed, service will be started automatically and the Exchange Rates will be updated to GP in the scheduled time automatically.
- Note: Exchange Rates will be updated to GP in the scheduled time automatically only when service is running.

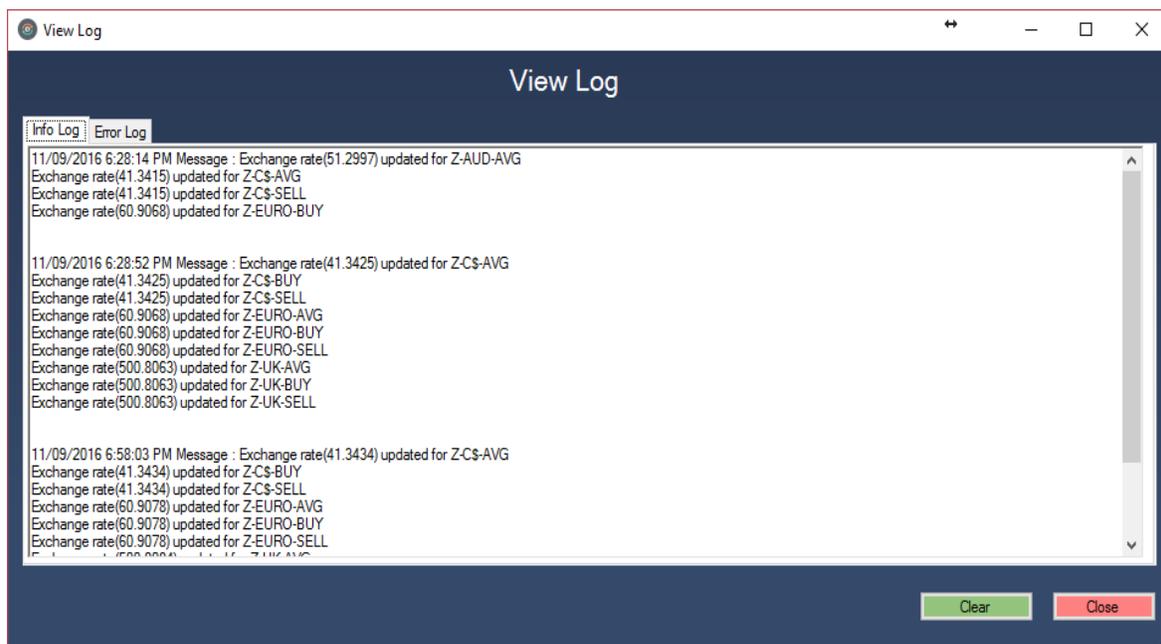
## Stop Service:

- Go to Service menu at the top of the utility and click on Stop Service.
- Service will be stopped automatically.
- User can start again if required.

## Log Entry

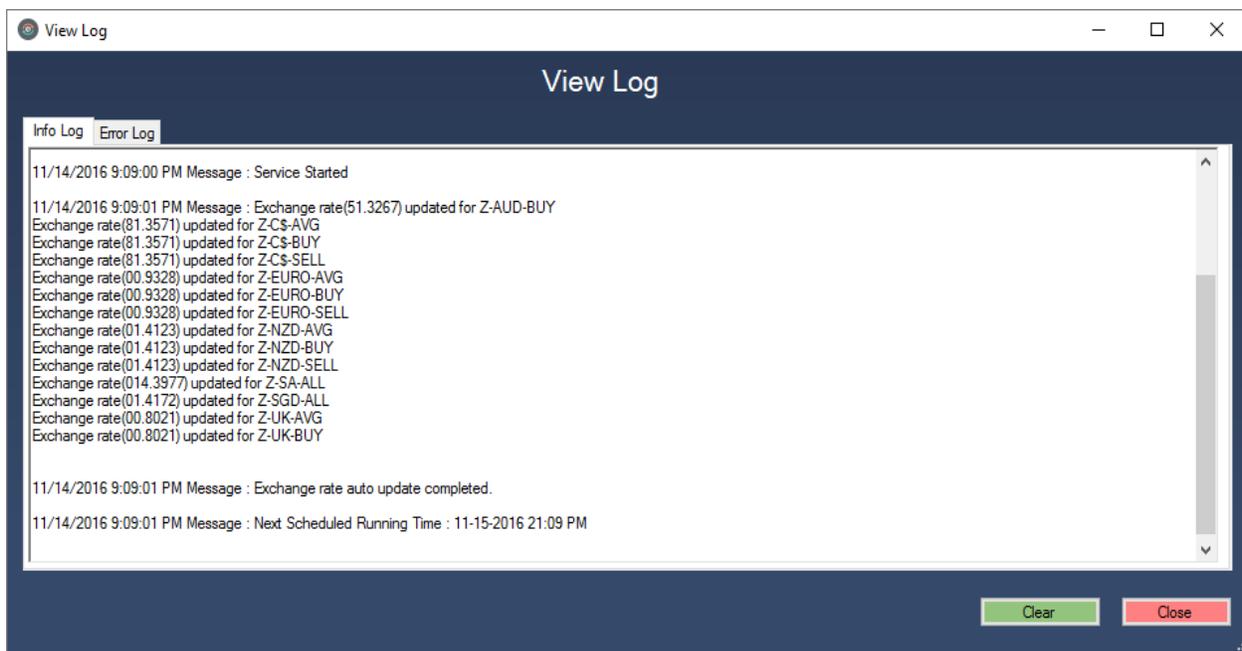
### Application Log:

- Go to 'Help' menu and click on "Application Log", the info log will show the information about manual Exchange Rate update.
- Any update failures, exceptions or errors will be posted to the Error log window.
- The Log entries can be cleared with the help of 'Clear' button provided at the right bottom of the log window.



## Service Log:

- Go to 'Help' menu and click on "Windows Service Log", the application log will show the information about automatic (scheduled) Exchange Rate update.
- Any update failures, exceptions or errors will be posted to the Error log window.
- The Log entries can be cleared with the help of 'Clear' log button provided at the right bottom of the log window.



## Uninstall Instructions:

- You can uninstall the application and service from your computer if you no longer use it or if you want to free up space on your hard disk.
- You can use Programs and Features in the Control Panel to uninstall the application
- Open Programs and Features by clicking the Start button, clicking Control Panel, clicking Programs, then clicking Programs and Features.
- Select the 'GP Xchange Rate Feeder\_Service' name in the provided list, and then click Uninstall. Service will get uninstalled from the computer within few seconds.



- Select the 'GP Xchange Rate Feeder' name in the provided list, and then click Uninstall. Application will get uninstalled from the computer within few seconds.

**Thank you...**