**Manual for CSV-to-Constant Contact Application**

# 1. Introduction

This manual provides instructions for setting up, configuring, and operating the CSV-to-Constant Contact application. This application automates the process of reading data from CSV files located in a specified folder and exporting it to a Constant Contact account.

# 2. System Requirements

* .NET compatible environment in server.
* Access to a Windows OS (for hosting and running the application).
* Internet connectivity for API interactions.
* Valid Constant Contact account and API credentials.

# 3. Installation

* Ensure your system meets the necessary requirements.
* Extract the application files to your desired directory
* Place the project in Correct path
* \myAuto\myAuto\bin\Release\net8.0 this path has the inProgress and Processed folder

and myAuto.exe which is runnable file

* You need to run the myAuto.exe file and it will Continuesly be looking for CSV file in InProgress Folder,
* You don’t need to run the .exe file again and again for new files as every 15 seconds app will look into the inProgress folder and if there isnt any file then it will be on wait (No Break)
* If you are running the App for the first time then make sure to delete token.txt from \myAuto\myAuto\bin\Release\net8.0

# 4. Configuration

**4.1 appsettings.json Configuration**

Locate the appsettings.json file in the application directory (\myAuto\myAuto) and Update the following settings with your Constant Contact API details:

* ClientId: Your Constant Contact Client ID.
* ClientSecret: Your Constant Contact Client Secret.
* RedirectUri: The URI for OAuth2 redirection (Currently it is <http://localhost:5000/> ) so add this in the API configuration at Constant Contact Website.
* InProgressFolderPath: The path to the folder containing your CSV files.
* Scope: The scope of access required (default is "contact\_data offline\_access").
* HPCUTransactionsList: The ID for transactions list in Constant Contact.
* HPCUMembersList: The ID for members list in Constant Contact.

# 5. Operation

**5.1 Starting the Application**

* Navigate to the directory where the application is installed.
* Run the application executable (myAuto.exe in \myAuto\myAuto\bin\Release\net8.0\).

**5.2 Processing CSV Files**

* Place your CSV files in the "InProgress" folder.
* The application will automatically detect and process these files.
* Upon successful processing, files will be moved to the "Processed" folder and will be on wait until the new file is placed.

**5.3 Tokens (Access token and Referesh tokens) Generation**

* For the First time application is run for a Client id, it will need Authorization access
* User will be redirected to a url and App will do all the accessing
* App will then create a token.txt file which will be consisting of information about access\_token, refersh\_token, token\_expiry etc..
* After the First Processing Then the Tokens from this .txt file will be use to access the API
* **Rotating Refresh Token** are Implemented as Recommended by Constant Contact

# 6. Troubleshooting

**Issue**: Application does not start.

**Solution**: Check if all system requirements are met and paths in appsettings.json are correct.

**Issue**: No processing of CSV files.

**Solution**: Ensure CSV files are in the correct format and placed in the "InProgress" folder at

\myAuto\myAuto\bin\Release\net8.0.

# 7. FAQs

**Q:** What format should the CSV files be in?

**A:** CSV files should follow the specific format expected by the application (.csv).

**Q:** How do I know if the file has been processed?

**A:** Processed files are moved to the "Processed" folder and Console will print the success response.