

Scope for Manage America Auto-Creation of General Entries for Daily Cash Deposits

OBJECTIVE:

The objective of this enhancement is to automate the entry of two kinds of GL entries exported in flat file format from Manage America's (MA) system. The files will need to be integrated into a SQL database table where additional information is added. The files will be automatically placed onto the clients system by an automated sFTP system already in place.

DETAILS:

The source data provided by Manage America (MA) will be a comma separated text file (two samples are provided)

Setup screen and company table – the setup interface will require:

1. Database and connection credentials (SQL user credentials) with 'Test' button to ensure connectivity
2. Source file path
3. Archive file path
4. Editing of a per company settings table in a grid format:
 - a. Company number (corresponds to the BUN column in the source table)
 - b. Offset GL account (20 character alpha numeric)
 - c. Contact Person Name
 - d. Contact Person email address

Import Functionality:

The source data from MA will be imported into a SQL table with the same structure and fields. New fields will be added to the table by the application:

- Source Journal – 2 character alpha numeric to '99'
- Description – 20 character alpha numeric
- Offset Account – 20 character alpha numeric set by company
- Transaction Total - numeric 2 decimals
- Status – 10 character alpha numeric
- Status Description – 100 characters alpha numeric
- Date Imported
- Time Imported
- Windows user performing the import

Logic used during to derive new field values:

1. Source Journal – default to '99'
2. Description – default to 'Bank Deposit'
3. Offset Account - using the offset account from the setup table
4. Transaction Total – the total of the debits and credits (credits values will be multiplied by a negative 1 to reverse its sign) for all records with the same "Entry #". Ideally these should result in a total of 0 but that doesn't happen in all cases
5. Status – This is the validation result. In the event that all validations pass then the status will be 'Pass' if any of the validations fail then the status will be 'Fail'. The validations and their resulting error text that
6. Status Description – Blank if the record passed validation and filled in with the text from the validation error(s) as described below. If there are multiple validation errors then the text should append the prior error text in the field in order they appear in the validation section below.

Validation – the imported data will be validated as follows:

1. Active Company – The BUN column in the source data must match a Company number column in the company settings table. If it does not the error text will read 'Inactive Company'
2. Transaction Total – the transaction total (as described above) should equal zero. If it does not equal zero the validation will fail and the error text will be 'Error in Transaction Total'.
3. Offset Account – at least one record per entry must have the 'GL Account' column in the source data match the Offset Account in the application company settings table. If the offset account is not matched then the error text will read 'Invalid Offset Account'

User Interface –

The application will provide an 'Import' button which will load the file(s) in from the 'source file path' and upon successful execution move the file(s) to the 'archive file path' to prevent duplication.

The main part of the application will be a grid entry and allow for:

1. Sorting or filtering by:
 - a. Transaction Date - Range
 - b. Company Code - Range
 - c. Date Imported – Range with a default of today when the application is opened
2. Editing of
 - a. Debit amount
 - b. Credit amount

Please note any restrictions or exclusions such as the version of windows, SQL, single or multi-user or the like.

