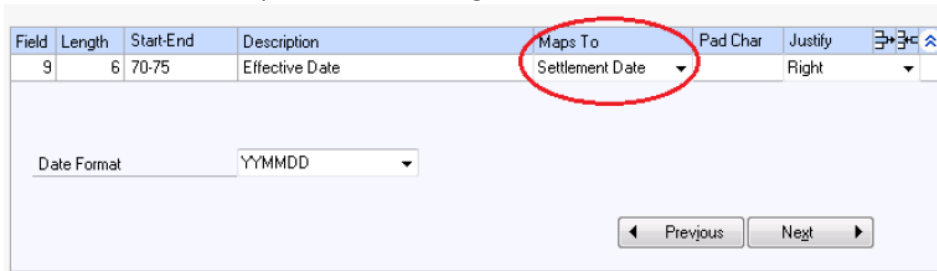# Electronic Funds Transfer (EFT) for Payables Management and Receivables Management

EFT Settlement Date

• In Microsoft Dynamics GP 2010 and prior versions, the Transmission Date is used as the default for the Settlement Date.

• Changes to the EFT File Format Maintenance: in the EFT File Format Maintenance window, the **Settlement Date** is now available in the **Maps To** drop-down menu. In the Field Options, the **Date Format** field is the only active formatting field.

• Users can now edit the Date Format in the Field Options.

Updates to EFT File Format Defaults

• The format types in the table below will have the default value changed in the Batch Header Line Type. This is for the Effective Date to map to the **Settlement Date** instead of the Transmission Date when you set up a new EFT File Format ID.
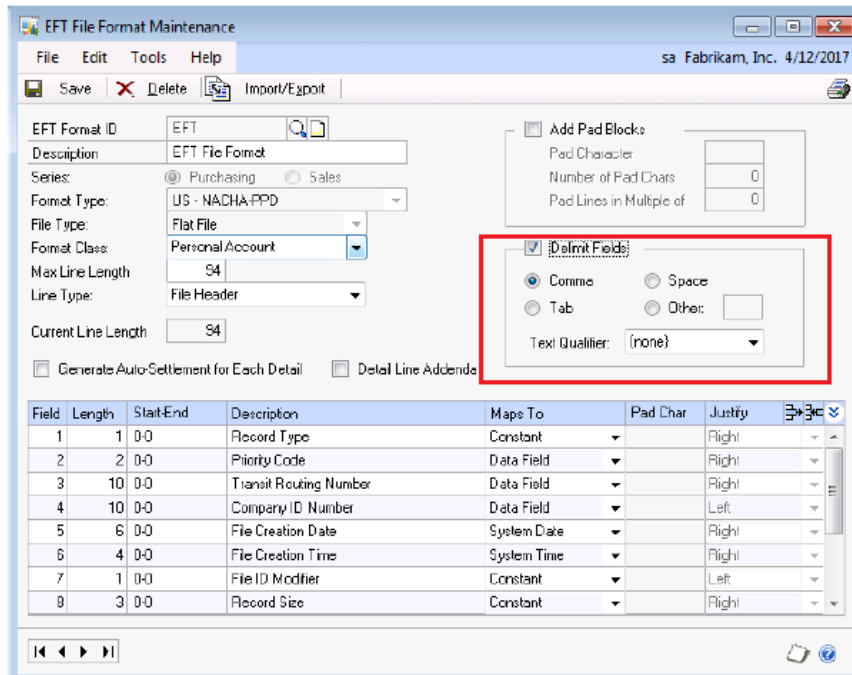
Format Type	Line Type	Field Number	Description
US-NACHA-PPD	Batch Header	9	Effective Date
US-NACHA-PPD+	Batch Header	9	Effective Date
US-NACHA-CCD	Batch Header	9	Effective Date
US-NACHA-CCD+	Batch Header	9	Effective Date
US-IAT NACHA	IAT Batch Header	13	Effective Date

• Upgrades to Microsoft Dynamics GP 2013 will not change the Maps To value for existing EFT File Format IDs already set up. This includes those using current default values for the selected format types. Users may choose to edit the File Format to use the Settlement Date.

EFT Format Enhancements

- *Why this feature is cool!* Changes to EFT format setup options in previous releases added significant flexibility in setting up electronic banking and now we will provide even more flexibility by adding two new features:

1. A new option to allow formats with variable-length fields that are delimited by a defined character, such as a comma. The new fields allowing this setup are added to the EFT File Format Maintenance window.

2. A new field added for the EFT settlement date. Many formats require a settlement date that may be different from the transmission date. The field has been added in the EFT File Format Maintenance window, and can be defined for each file in the Generate EFT Files window.

- The Settlement date is available in other formats, but not as the default. Users can change the value in the Maps To drop-down menu, to Settlement Date to use this field in other formats.

- **NOTE:** NACHA is an abbreviation for the *National Automated Clearing House Association*, who develops, administers, and governs the ACH network.

Modify the Transmission Date and Settlement Date

- In GP2013, the **Transmission Date** and **Settlement Date** fields have been added to the Generate EFT Files window.
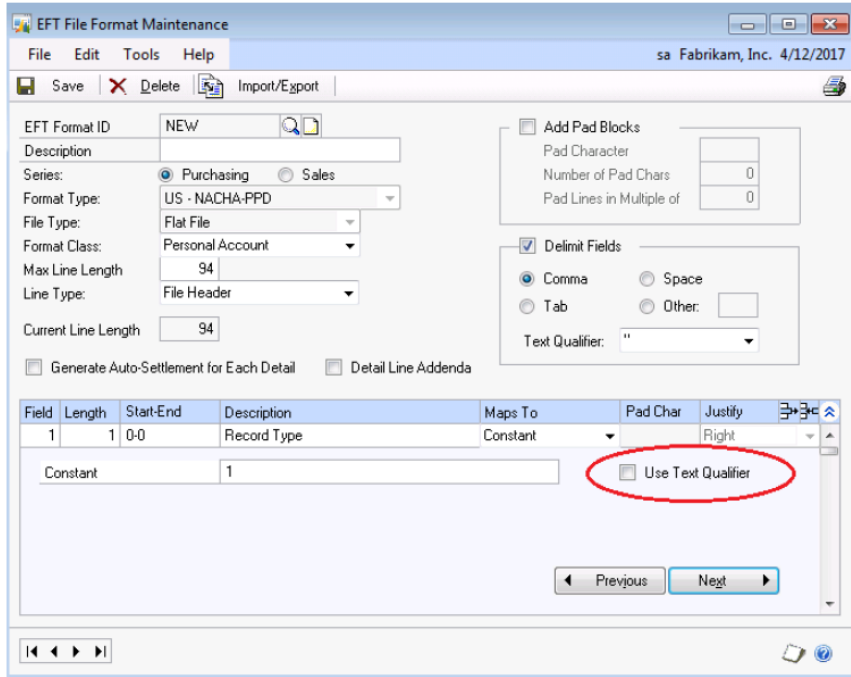
EFT Field Length and Delimitation Options

• In the EFT File Format Maintenance window, a **Delimit Fields** section was added, where a field delimiter and Text Qualifier can be defined to provide increased flexibility for the user to set up various EFT file formats.

• A **Delimit Fields** section was added to the **EFT File Format Maintenance** window. This new functionality will allow variable field lengths, and the ability to define the field delimiters. The fields may simply have a fixed width with padding, or delimited by whitespace, tabs, commas (CSV) or other character. When using a field delimiter, the length of the field will be the length of the data that fills the field.

• When the Delimit Fields checkbox is marked, the Start-End positions for each field for all line types is set to 0-0. Therefore, the field will use a variable length instead of a defined length.

EFT Use Text Qualifier Checkbox

• When the Delimit Fields checkbox is marked, and the Text Qualifier is not set to none, a **Use Text Qualifier** checkbox is available on each row where the Maps To column is set to Constant or Data Field.
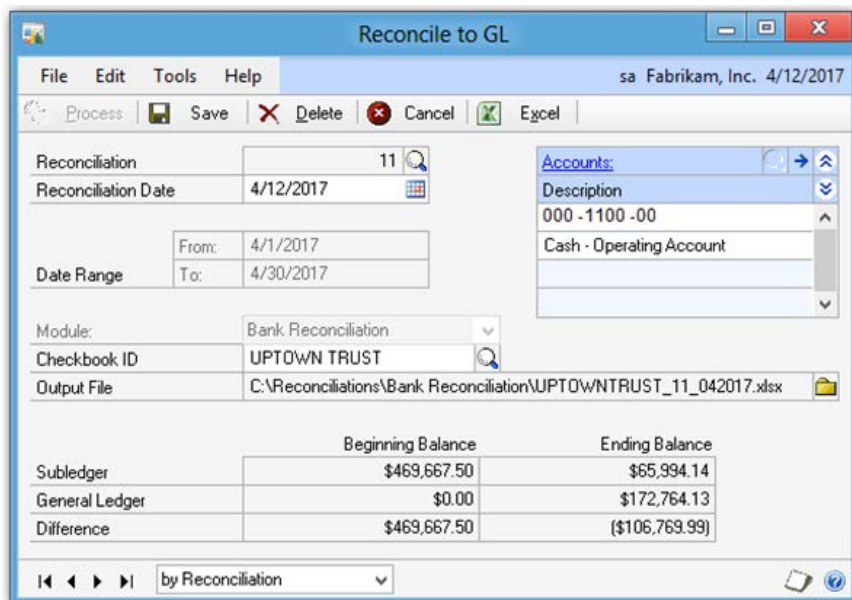
Changes to Reconcile Bank Reconciliation with General Ledger

Use the Reconcile to GL routine to find differences between the Checkbook balance and the Cash Account assigned to the checkbook.

• In the Reconcile to GL window, **Bank Reconciliation** has been added to the list of modules available to reconcile with General Ledger. This new functionality will allow you to reconcile transactions in Bank Reconciliation (BR) to the General Ledger (GL) by checkbook.

• This will give you the ability to find differences in transaction detail that would cause a difference between the balance for a checkbook in the Checkbook Balance Inquiry window and the balance of the GL account assigned as the cash account to the checkbook.

• *Why this is cool!* A common challenge for Microsoft GP users is reconciling differences between sub-ledger balances and the balance for the associated GL accounts. The Reconcile to GL routine, added in Microsoft Dynamics GP 10.0, automated much of the work required to reconcile differences for Receivables Management and Payables Management. In Microsoft Dynamics GP 2013 we've added the Bank Reconciliation module to the Reconcile to GL routine, helping users analyze difference between the checkbook balances in the Checkbook Balance Inquiry window and the associated General Ledger cash account for the checkbook. Each reconciliation is specific to a defined checkbook.

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UPTOWNTRUST_11_042017 - Excel

Uptown Trust Transactions 4/1/2011 - 4/30/2017								General Ledger Transactions 4/1/2011 - 4/30/2011						
												Account	DR	CR
												000-1111-00	10,500.00	
					Beginning Balance:	10,500.00						Beginning Balance Total:	10,500.00	
Unmatched Transactions														
Date	Transaction Number	Transaction Source	Document Number	Type	Payment	Deposit		Transaction Date	Journal Entry	Orig. TRX Source	Orig. Control Number	Account	DR	CR
4/5/2011	*000000000000003	CMDEP00000014	46.00000	DEP		1,210.00								
4/7/2011	*000000000000003	CMDEP00000014	46.00000	DEP		(1,210.00)								
Potentially Matched Transactions														
Date	Transaction Number	Transaction Source	Document Number	Type	Payment	Deposit		Transaction Date	Journal Entry	Orig. TRX Source	Orig. Control Number	Account	DR	CR
4/12/2017	000000000000002	CMDEP00000013	29.00000	DEP		(100.00)								
4/12/2011	000000000000002	RMMSC00000001	PYMNT000000000279	RCT		(100.00)		4/30/2011	3505	RMMSC00000001	PYMNT000000000279	000-1111-00		100.00
					Total	(100.00)						Total		100.00
Matched Transactions														
Date	Transaction Number	Transaction Source	Document Number	Type	Payment	Deposit		Transaction Date	Journal Entry	Orig. TRX Source	Orig. Control Number	Account	DR	CR
4/12/2011	000000000000001	CMDEP00000012	24.00000	DEP		425.00								
4/12/2011	000000000000001	RMCSH00000235	PYMNT000000000279	RCT		100.00		4/12/2011	3502	RMCSH00000235	PYMNT000000000279	000-1111-00	100.00	
4/12/2011	000000000000001	RMCSH00000235	PYMNT000000000280	RCT		175.00		4/12/2011	3502	RMCSH00000235	PYMNT000000000280	000-1111-00	175.00	
4/12/2011	000000000000001	RMCSH00000236	PYMNT000000000281	RCT		150.00		4/12/2011	3502	RMCSH00000235	PYMNT000000000281	000-1111-00	150.00	
					Total	425.00						Total	425.00	
4/12/2011	000000000000001	PMPAY00000017	0000000000000501	CHK	50.00			4/12/2011	3503	PMPAY00000017	0000000000000501	000-1111-00		50.00
4/12/2011	000000000000002	PMPAY00000018	0000000000000502	CHK	10.00			4/12/2011	3514	PMPAY00000018		000-1111-00		30.00
4/12/2011	000000000000003	PMPAY00000019	0000000000000503	CHK	20.00									
4/12/2011	000000000000003	CMDEP00000014	46.00000	DEP		1,210.00								
4/12/2011	000000000000003	INVCE00000005	IVC24	RCT		600.00		4/12/2011	3517	INVCE00000005	IVC24	000-1111-00	600.00	
4/11/2011	000000000000003	RMCSH00000237	PYMNT000000000282	RCT		100.00		4/11/2011	3513	RMCSH00000237	PYMNT000000000282	000-1111-00	100.00	
4/12/2011	000000000000003	RMCSH00000237	PYMNT000000000283	RCT		200.00		4/12/2011	3513	RMCSH00000237	PYMNT000000000283	000-1111-00	200.00	
4/12/2011	000000000000003	RMCSH00000238	PYMNT000000000284	RCT		100.00		4/12/2011	3515	RMCSH00000238	PYMNT000000000284	000-1111-00	100.00	
4/12/2011	000000000000003	RMCSH00000239	PYMNT000000000285	RCT		100.00		4/12/2011	3516	RMCSH00000239	PYMNT000000000285	000-1111-00	100.00	
4/12/2011	000000000000003	SLSTE00000249	STDINV2264	RCT		110.00		4/12/2011	3518	SLSTE00000249	STDINV2264	000-1111-00	110.00	
					Total	1,210.00						Total	1,210.00	
4/12/2011	000000000000004	PMPAY00000019	0000000000000504	CHK	20.00			4/12/2011	3519	PMPAY00000019	0000000000000504	000-1111-00		20.00
4/17/2011	000000000000004	CMDEP00000015	48.00000	DEP		110.00								
4/17/2011	000000000000004	RMCSH00000240	PYMNT000000000288	RCT		103.00		4/17/2011	3521	RMCSH00000240	PYMNT000000000288	000-1111-00	103.00	
4/17/2011	000000000000004	CMDEP00000015	521	GAIN/LOSS		7.00		4/17/2011	3522	CMDEP00000015	521	000-1111-00	7.00	
					Total	110.00						Total	110.00	
4/18/2011	OEX000000005	CMADJ00000005	26.00000	OEX	1.00			4/18/2011	3504	CMADJ00000005	26.00000	000-1111-00		1.00
4/18/2011	XFR000000010	CMXFR00000002	3.00000	XFR	50.00			4/18/2011	3527	CMXFR00000002	3.00000	000-1111-00		50.00
4/20/2011	*000000000000006	CMTRX00000004	56.00000	CHK	500.00			4/20/2011	3529	CMTRX00000004	56.00000	000-1111-00		500.00
4/22/2011	*000000000000006	CMTRX00000005	56.00000	CHK		(500.00)		4/22/2011	3530	CMTRX00000005	56.00000	000-1111-00	500.00	
					Ending Balance:	11,994.00						Ending Balance:	12,745.00	751.00
												Net Ending Balance:	11,994.00	
		Total BR Beginning Balance:	10,500.00		Total BR Ending Balance:	11,994.00								
		Total GL Beginning Balance:	10,500.00		Total GL Ending Balance:	11,994.00								
		Difference:	0.00		Difference:	0.00								

- Once a reconciliation is saved, the **Accounts** and **Output File** will be saved for future reconciliations.

- If you have already processed the Reconciliation and closed it, use the Lookup button next to the Reconciliation field to view reconciliation history. Enter the reconciliation number, or select it from the lookup window and the window will populate with the information used for that reconciliation. Click **Excel** at the top to reopen the Excel spreadsheet to view the detail (or navigate directly to the path/filename in Excel).

Match Criteria

• The reconciliation process will compare all the transactions found in BR tables (CM20200/CM20300) for the checkbook to the distributions summed from GL (GL20000/GL30000). The transactions/distributions are matched according to the criteria outlined below, and matched in the order listed.

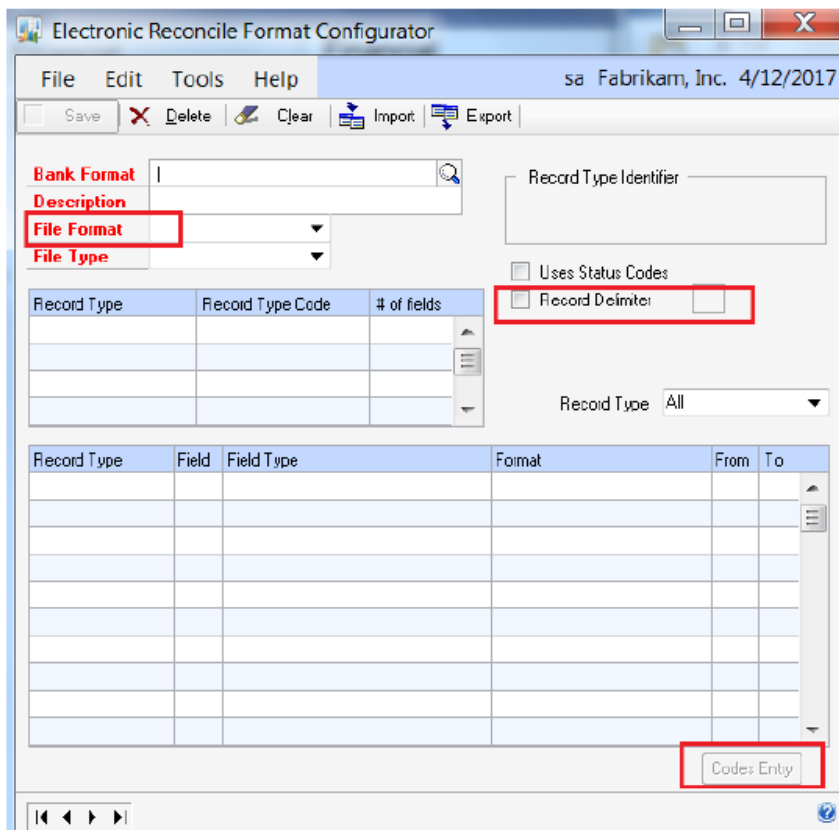| Bank Reconciliation field	General Ledger field	Match process in order:
Transaction Source	Originating Transaction Source	All transactions in BR and all distribution lines in GL with the same Transaction Source value are identified.
Document Number	Originating Control Number	The document number is matched for this subset. However, if the Originating Control Number in GL is blank (or posted in summary), all the distributions are summed according to the Originating Transaction Source into one journal entry.
Date	Transaction Date	If the first two criteria above match, the date is compared.
Payment/Deposit Amount	Debit /Credit Amount	If the first two criteria above match, the amount is compared. If either the Date or Amount validation fails, it is considered a potential match.
—	—	Next, all transactions and distributions lines that are not considered a match, will also be identified as a possible match if the Date and Amount matches.
—	—	Deposit Group Matching: After the initial process where GL distributions amounts are matched to the receipt records and realized gain/loss records, the process then compares the sum of the matched GL distributions to the total Deposit amount. If the total deposit amount does not match, then the Deposit group will be listed in the Potentially matched section, with all the receipts listed below it and the matched GL transaction listed on the corresponding side.

• The detail of the transactions used for the reconciliation are stored in worktables, which are cleared out each time a new reconciliation is started. The table names are listed in Lesson 3 for Reconcile To GL under the General Ledger module in the Financials document.

• Receipt records and realized gain/loss records are always grouped with the deposit record with which they are associated.

• Once the Excel spreadsheet is generated, you can drill back on the Transaction Number in Bank Reconciliation, or the Journal Entry Number or Account on the General Ledger side to view the detail records for the transaction displayed.

Reconcile to GL Spreadsheet

• The Reconcile spreadsheet will open in Excel. This spreadsheet follows the same concepts as used for the reconcile spreadsheets for the other modules. The checkbook information from Bank Reconciliation will displayed on the left side, and the cash account transactions posted to General Ledger will be displayed on the right side.

Changes to the Electronic Reconcile Format Configurator Window

• In GP2013, new fields and functionality were added to the Electronic reconcile Format Configurator window.

File Format

• The File Format field was changed in the Electronic Reconcile Format Configurator window to provide the following options in the drop-down list:

• BAI – This format was added to comply with the *Cash Management Balance Reporting Specifications, Version 2*, developed by the Bank Administration Institute (BAI) and most commonly referred to as the 'BAI2' format. When you select this option, all the fields for the bank format in the configurator automatically populate based on the fields for the BAI2 file format.

• User-Defined – This format will produce blank fields where you can define each Record Type and field manually.

File Type

• This field was renamed and provides the same options as the **File Format** field in prior versions of Microsoft Dynamics GP for Fixed Field, Comma Delimited, and Tab Delimited.

Record Delimiter

• A new option was added for Record Delimiter to recognize the character at the end of each record. For the BAI format, this option will be marked by default with a slash ('/') entered as the delimiter character. However, if you are not using a BAI format and no record delimiter is needed, leave this option unmarked and the delimiter character field will be disabled.

Record Type

• Additional Record Types were added to comply with the BAI format, which are also available for use with the User-Defined format. Only one row is permitted for each Record Type.

Record Type	Purpose	Name of Record Type in Microsoft Dynamics GP 2010 and prior versions
File Header	This record marks the beginning of a file. It identifies the sender and receiver information, and describes the file structure.	Header
Group Header	This record identifies a group of accounts that are from the same originator and includes the same as-of-date and as-of time.	n/a
Account Identifier and Summary/Status	This record identifies the account number and reports activity summary and account status information.	n/a
Transaction Detail	This record is used for transmission of detail transaction information.	Detail
Account Trailer	This record provides account control totals.	n/a
Group Trailer	This record provides group control totals.	n/a
File Trailer	This record provides file control totals.	Footer
Continuation	A continuation record is used when data exceeds the maximum physical record length and needs to continue on the next line. The field information in this line is read as being added to the previous line, and drops the Record Code field.	n/a

- If the Account Number exists in several Record Type lines and is not blank, the most granular level will be used.   **For example:**

1. If both the File Header and Group Header records contain a value for Account Number, the value in the Group Header record will be used.

2. If the Account Number exists in both the Group Header and Account Identifier records, and is not blank, the value in the Account Identifier record will be used.

3. If the Account Number exists in the Transaction Detail line, this value will override all other values for Account Number in any of the preceding lines.

Codes Entry

- The following changes were made to the **Transaction Code Entry** window:

- **Transfer Credit** and **Transfer Debit** were added to the drop-down list for Transaction Type to comply with BAI requirements.

- **Multiple Transaction Codes** – New functionality will allow you to enter more than one transaction type code per Transaction Type for any file format selected. A scrolling window was added to the user interface where you can view the multiple transaction type codes defined per Transaction Type.

- The **Delete**, **Save** and **Define Status Codes** buttons were moved to the top of the window.

- All the enhancements made to the Electronic Reconcile Format Configurator window and Transaction Code Entry window to accommodate the BAI format are available to be used with the User-Defined format.

Save Validation

- In Microsoft Dynamics GP 2010 and earlier versions, an existing validation on the Save button, prevents users from saving the bank format if either the Bank Cleared Date field or Transaction Date field does not exist in a record type for the bank format.

- For GP 2013, this validation has been changed to prevent the user from saving the bank format if the **Bank Cleared Date** field, **Transaction Date** field, or **Download Cutoff Date** field does not exist in a record type.

Changes to the Download Process

The following changes have been made to the download process:

- The BAI format does not have a Transaction Date or Cleared Date for the transaction detail in the file. If the Transaction Date or Cleared Date fields are blank in the file being imported, the **Download Cutoff Date** field is used as the Transaction Date for each imported transaction in the file.

- During the Download process, each transaction that meets the following conditions will not be downloaded and is printed on the *Electronic Reconcile Unprocessed Records* report with the message "**No exchange rate exists for this document date**":

- The Transactions button is removed from the Electronic Reconcile Download Transactions window.