Release Notes – Build 407

Build 407.0.0 – Released August 10, 2026

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Overview

General Ledger Posting and Transaction Traceability Improvements

This update includes a major redesign of the general ledger transaction table structure and batch posting process. These changes are designed to improve posting performance, reduce database size, and provide better traceability between general ledger activity and source transactions.

Balance account analysis has been significantly optimized for companies working with large GL transaction volumes. This improvement was tested against a customer database containing more than **18 million GL transactions**. In that test, the redesigned GL structure significantly improved analysis performance, and after performing a Backup and Restore following the update, the database size was reduced by approximately **35%**.

This update also adds new transaction tie-backs for improved auditability and troubleshooting:

- GL Journal reports have been reformatted with improved tie-backs to originating transactions for easier review and audit support
- Sales and COGS postings are now tied back to **Sales Invoice Transactions**
- Miscellaneous Descriptor purchasing exceptions are now tied back to **PO Receipt Transactions**

- Shipping Descriptor purchasing exceptions are now tied back to **PO Invoice Transactions**
- PO Line Reference Type has been added to clarify the purpose of PO-related postings

These enhancements provide a stronger audit trail between posted general ledger transactions and their originating operational transactions, while also improving performance and database efficiency for large-volume systems.

System Administrator Task List

Pre-Installation Recommendations

Support subscription recommended

We recommend obtaining an ongoing support subscription so that all of your licensed users can submit support tickets if you need any assistance with the product update or any other issues.

Review resolved programming issues

Programming Issues Resolved Build 407

Optionally install the Training Company to preview the update

Many companies preview updates in the Training company before applying the update to their live company. You can visit the "What's New" area of the support center to get access to the latest program version and download file for the training company. You will need to uninstall any existing training company before installing the latest version.

Antivirus Considerations

Antivirus software can sometimes interfere with the Training Company installation or program update. If installation errors occur, temporarily disable antivirus protection before running the installer. Re-enable antivirus protection immediately after the installation or update is complete.

Always make a manual backup!

Always make a manual backup of your main company database, custom form layouts, and documents and images before installing any product update.

Database

We recommend backing up your main company database using the Backup Manager utility (see below), which automatically detects the database path.

Otherwise, the main company database file (*EJDB.FDB*) is normally located in the following folder -- *(drive letter\program files (x86)\DBA Manufacturing\Database*.

Custom Form Layouts (*.rtm files)

Custom form layouts are stored as **.rtm* files in the *Reports* folder, normally in this path -- *(drive letter\program files (x86)\DBA Manufacturing\Reports*.

Documents and Images

Documents and images can be saved into user-selected folders. Back up the appropriate folders as needed.

Use the Backup Manager

[Installation Guide – Backup Manager]()

The Backup Manager is a Firebird specific utility that is used to create database backups, to restore from backup when needed, and to optimize your database performance with a simultaneous backup and restore.

Accessed from the server

The Backup Manager is accessed from the server by clicking *Windows Start – DBA Manufacturing – Utilities – Backup Manager*.

Creates FBK files

When the Backup Manager makes a database backup, it creates an FBK file that can be safely backed up with a generic software program or service. An FBK file is created using the GBAK utility supplied with the Firebird database. Besides backing up the database, the FBK file does the following:

- Rebuilds indices
- Eliminates obsolete record versions ("garbage")
- Defragment database pages
- Rewrites database tables contiguously

Whenever you restore from an FBK backup file, your database is optimized to be leaner and more efficient.

The backup fails if data corruption is encountered

When an FBK backup file is being created, the backup process will fail if data corruption is encountered that cannot be fixed. The benefit from this is that if yesterday's FBK file was successfully created, you know with confidence that the data corruption occurred in your most recent business day. You can therefore safely restore from yesterday's backup and you minimize any data loss to just one day.

Verify the Daily Backup Schedule

Verifying that daily database backups are running successfully is one of the most important System Administrator responsibilities.

Use **Backup Manager > History** to review backup activity and confirm that backups are completing as expected.

[Backup Manager - History]()

Post-Update Recommendations

Run a Backup and Restore

You should run the *Backup and Restore* routine at least once a year to optimize database performance. (Note: This process takes considerable time to run and all users must be out of the system)

Backup Manager – Backup and Restore

Mandatory Backup and Restore After Build 407 Update

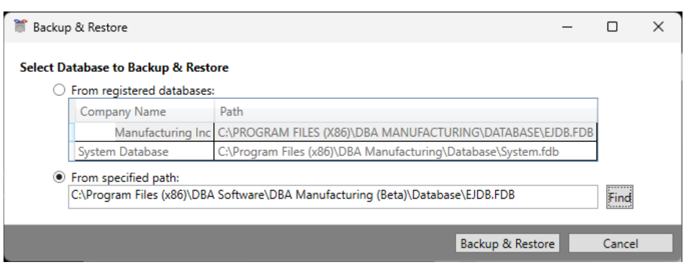
A **Backup and Restore using the DBA Backup Manager is required after installing the Build 407 update**.

Allow for an hour or more for this process to complete

During the update, the **GLFILE** and **LEDGERTRANS** tables are streamlined as part of the redesigned general ledger posting structure. Immediately after the update is completed, the database size may temporarily increase. The full speed improvements, storage efficiency gains, and database cleanup benefits will not be realized until a Backup and Restore is performed.

Following the update, you must perform a Backup and Restore using the DBA Backup Manager. This process rebuilds the database and typically reduces the overall database size by approximately **20-35%**.

If you are previewing the Build 407 update in the **Training company**, we recommend performing a Backup and Restore on the Training company database as well so that performance and database size can be evaluated after the cleanup process is complete.



Main Company - use “From Registered Database” Option

Training Company - use “From specified path” Option

Build 407 Releases

Build 407.0.0	Main Release	August 10, 2026

New Features

Faster GL Balance Account Reporting

(*GL > Reports > Balance Sheet* and *Trial Balance*)

(*GL > Analysis > Balance Accounts*)

Prior to Build 407, GL Balance Account analysis required the system to calculate account balances from the beginning of transaction history through the selected period. For long-time customers with large transaction volumes, this could result in slower performance when reviewing balance account activity.

Build 407 adds a running balance for all GL accounts, maintained automatically by database triggers as transactions are posted. This eliminates the need to recalculate balances from the beginning of time each time the analysis is run.

This change provides significant performance improvements for Balance Account analysis, especially for long-time power users with many years of general ledger history.

Reduced Database Size (After Backup and Restore)

Build 407 changes the way posting transactions are handled by converting the LEDGERTRANS table into a temporary posting table. Once transactions are posted, they are deleted from LEDGERTRANS rather than being retained permanently.

After updating to Build 407, a **Backup and Restore using the DBA Backup Manager is required** to fully rebuild and compact the database. Once this process is completed, the overall database size is expected to be reduced by approximately **20-35%**.

This provides a cleaner and more efficient database structure, especially for long-time customers with large transaction histories.

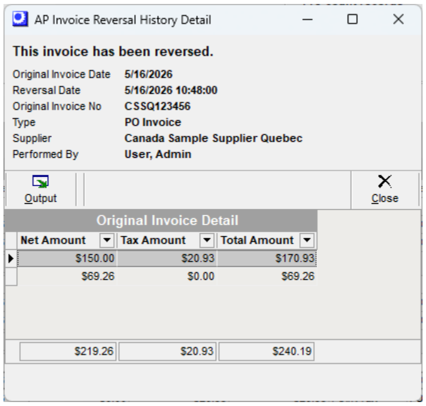
Improved Journal and GL Transaction Reporting

(*GL > Reports > Journal Report* and *Transaction Listing*)

Build 407 includes reformatted Journal Reports and GL Transaction Listing reports with improved tie-backs to originating transactions.

These report changes make it easier to trace posted general ledger activity back to the source transaction, improving auditability, research, and troubleshooting of posted activity.

Improved Auditability for PO/Supplier Invoice Reversals



Build 407 adds a new table for **PO Invoice** and **Supplier Invoice Reversals** to improve auditability and transaction traceability.

This reversal tie-back information can be accessed from the Batch No field in the *GL > Analysis > GL Transactions Detail*.

The added tie-back detail improves visibility in both printed reports and analysis screens, making it easier to trace reversal activity back to its originating invoice transaction.

Profit and Loss Account Display Improvements

(*GL > Analysis > Profit and Loss Accounts*)

Build 407 updates *GL > Analysis > Profit and Loss Accounts* so that expense and cost of goods sold account activity is displayed as negative amounts.

This change ensures that report totals now tie down properly to the profit or loss shown on the income statement. With this update, the Profit and Loss Accounts analysis screen can also be used to display a multi-period income statement, making it easier to review profitability trends across multiple reporting periods.

New PO Ref Type Field for Purchase Order Lines

(*Purch > Purchase Orders > Details*)

Build 407 adds a new **PO Ref Type** field to purchase order lines. This is a read-only field that helps clarify the purpose of each PO line and improves traceability for purchasing, receiving, invoicing, and job-related posting activity.

The **PO Ref Type** identifies the type of purchase order line as follows:

> **Item**
> Used for stock item purchases.

Misc PO
Used for non-SHIP descriptors manually added to a PO. These miscellaneous purchase costs are recognized at PO Receipt. A Misc Purchase GL exception can be defined against the Descriptor in *GL > General Ledger Setup > Account Assignments > Purchasing > Misc PO Exceptions*

Ship
Used for descriptors with TYPE = SHIP manually added to a PO, or for SHIP lines created during the PO Invoice matching process. These PO shipping costs are recognized at PO Invoice. A PO Shipping Cost GL exception can be defined against a Ship Descriptor in *GL > General Ledger Setup > Account Assignments > Purchasing > Ship Exceptions*

Subcon
Used for subcontract lines generated from the *Jobs > Job Subcontracting* PO conversion process for Job Subcontract routings. When a PO Receipt is performed for a Subcon line, the system automatically issues Absorbed Subcontract Costs to work in process for the linked job.

Misc Job
Used for descriptor PO lines generated from the *Jobs > Job Subcontracting* PO conversion process for Job Descriptor lines where TYPE = MISC and a supplier is designated. When a PO Receipt is performed for a Misc Job line, the system automatically issues Absorbed Misc Job Costs to work in process for the linked job.

This new read-only field makes PO line purpose clearer and supports improved tie-backs between purchase order activity and general ledger posting activity.

New Purchase Exception Account Assignment for Shipping Descriptors

(*GL > General Ledger Setup > Account Assignments > Purchasing*)

Build 407 adds a new account assignment option for Purchase Exceptions for Shipping Descriptors.

In *GL > General Ledger Setup > Account Assignments > Purchasing*, descriptor purchasing exceptions have been split into two separate categories:

Misc Exceptions
Used for miscellaneous descriptor purchase costs. These costs are recognized at the time of **PO Receipt**.

Ship Exceptions
Used for shipping descriptor purchase costs. These costs are recognized at the time of **PO Invoice**.

This change provides clearer separation between miscellaneous purchasing costs and PO shipping costs, and ensures that each type of descriptor cost is posted at the correct point in the purchasing workflow.

Sales Invoice GL Tie-Backs for Sales and COGS Exceptions by Item Category

Build 407 adds improved tie-backs between **Sales Invoice transactions** and the related **GL transactions** for exception-based Sales and COGS postings.

Sales and COGS exceptions are based on Item Category exceptions defined in *GL > General Ledger Setup > Account Assignments > Sales Exceptions***.**

This added visibility is now available in the following areas:

- **Sales Invoice Details Data View**
- **Sales Analysis Details**
- **Sales Order Inquiry Invoice Details**

In prior builds, there was not a definitive way to tie these sales invoice transactions back to their related GL postings. This enhancement improves auditability, reporting visibility, and troubleshooting for Sales and COGS exception postings.

PO Receipt GL Tie-Backs for Misc PO Descriptors

Build 407 adds improved tie-backs between **PO Receipt transactions** and the related **GL transactions** for **Misc PO** Descriptor postings to purchasing exception accounts.

Misc PO purchasing exceptions are defined *in GL > General Ledger Setup > Account Assignments > Purchasing > Misc Exceptions***.**

This added visibility is now available in the following areas:

- **PO Receipts Data View**
- **Purchase Order Inquiry > PO Receipts Details**

This enhancement improves auditability, reporting visibility, and troubleshooting for Misc PO Descriptor costs posted to purchasing exception accounts.

PO Invoice GL Tie-Backs for Shipping PO Descriptors

Build 407 adds improved tie-backs between **PO Invoice transactions** and the related **GL transactions** for Shipping PO Descriptor postings to purchasing exception accounts.

Shipping purchase exceptions are defined in *GL > General Ledger Setup > Account Assignments > Purchasing > Ship Exceptions.*

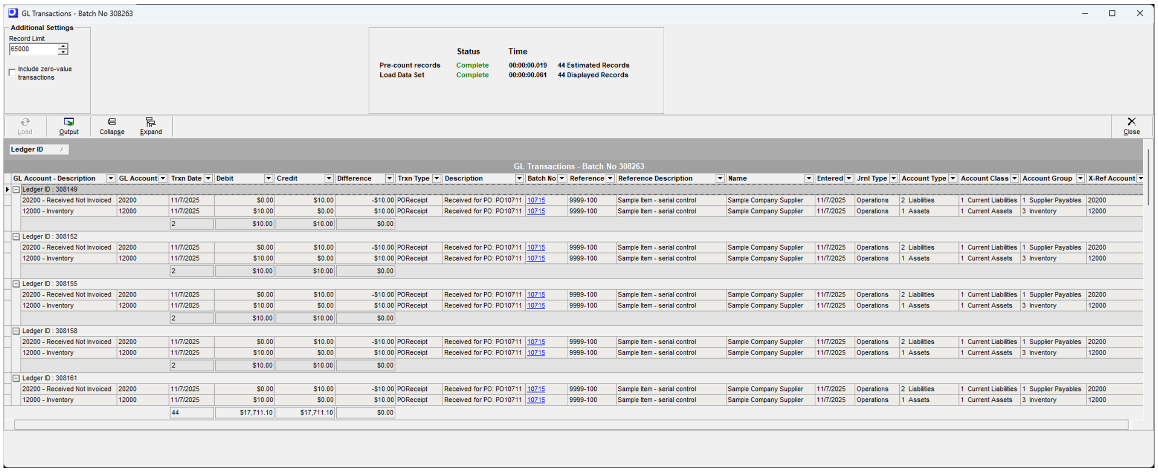
This added visibility is now available in the following areas:

- **PO Invoice Data View**
- **Purchase Order Inquiry > PO Invoice Details**

This enhancement improves auditability, reporting visibility, and troubleshooting for shipping costs posted to purchasing exception accounts.

GL Batch Posting Improvements

(*GL > Batch Posting* and *Batch History*)



Build 407 includes several improvements to the **Batch Posting** process to make posting faster and easier to review.

Posting performance has been improved, and after a batch is posted, the system now automatically transitions to the **GL Transactions Analysis** screen for the posted batch. This provides immediate visibility into the resulting GL transactions for quick review.

Additional Batch Posting improvements include:

- Added drill-through access from **Batch History** to **GL Transactions Analysis**
- Updated **Batch History** to launch the improved **Journal Report**
- Added the **User Name** of the person who performed the batch posting to **Batch History**

These changes improve posting speed, reporting visibility, and auditability by making it easier to review who performed a posting and trace the resulting GL transactions.

Descriptor Screen and Lookup Improvements

(*Inventory > Descriptors List and Descriptors Detail*)

Build 407 includes several improvements to the **Descriptor** screen and related descriptor lookups to provide better GL posting visibility and clarify descriptor usage in purchasing workflows.

The Descriptor screen now displays **PO GL posting exceptions** as defined in *GL > General Ledger Setup > Account Assignments > Purchasing tab.*

The screen also displays the **Sales GL posting exception** associated with the Descriptor's Item Category, as defined in *GL > General Ledger Setup > Account Assignments > Sales Exceptions*

Additional descriptor lookup improvements include:

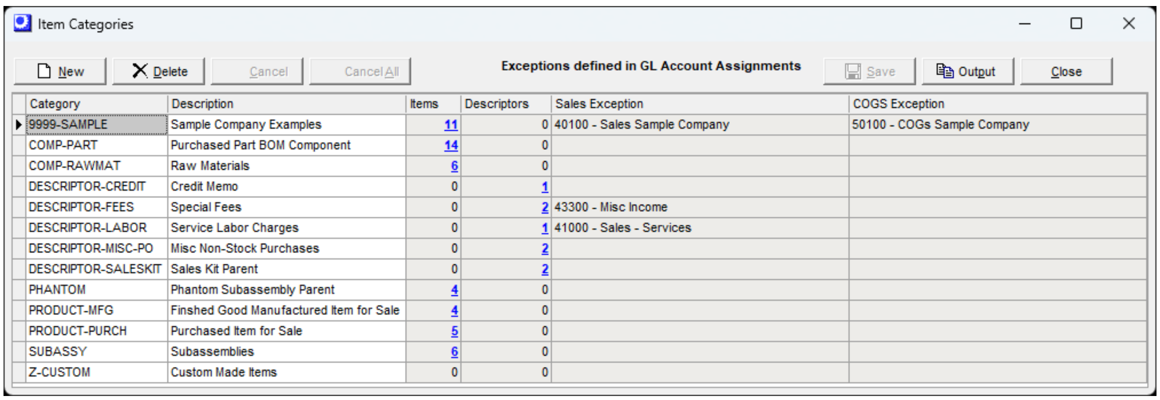
- Added the new PO Line **Ref Type** to descriptor lookups to clarify the purpose
- Added the **GL Misc PO Exception** account to the Purchase Order detail descriptor lookup

These changes improve visibility into how descriptors are used for purchasing and sales postings, while making it easier to verify the related GL exception account setup.

[Descriptors - Improved Documentation]

Item Category Screen Improvements

(*[Inventory > Inventory Setup > Item Categories]*)



Category	Description	Items	Descriptors	Sales Exception	COGS Exception
9999-SAMPLE	Sample Company Examples	11	0	40100 - Sales Sample Company	50100 - COGs Sample Company
COMP-PART	Purchased Part BOM Component	14	0		
COMP-RAWMAT	Raw Materials	6	0		
DESCRIPTOR-CREDIT	Credit Memo	0	1		
DESCRIPTOR-FEES	Special Fees	0	2	43300 - Misc Income	
DESCRIPTOR-LABOR	Service Labor Charges	0	1	41000 - Sales - Services	
DESCRIPTOR-MISC-PO	Misc Non-Stock Purchases	0	2		
DESCRIPTOR-SALESKIT	Sales Kit Parent	0	2		
PHANTOM	Phantom Subassembly Parent	4	0		
PRODUCT-MFG	Finshed Good Manufactured Item for Sale	4	0		
PRODUCT-PURCH	Purchased Item for Sale	5	0		
SUBASSY	Subassemblies	6	0		
Z-CUSTOM	Custom Made Items	0	0		

Build 407 includes several improvements to the **Item Category** screen to provide better visibility into category usage and GL exception setup.

New columns have been added to display:

- The number of **Items** assigned to each Item Category
- The number of **Descriptors** assigned to each Item Category

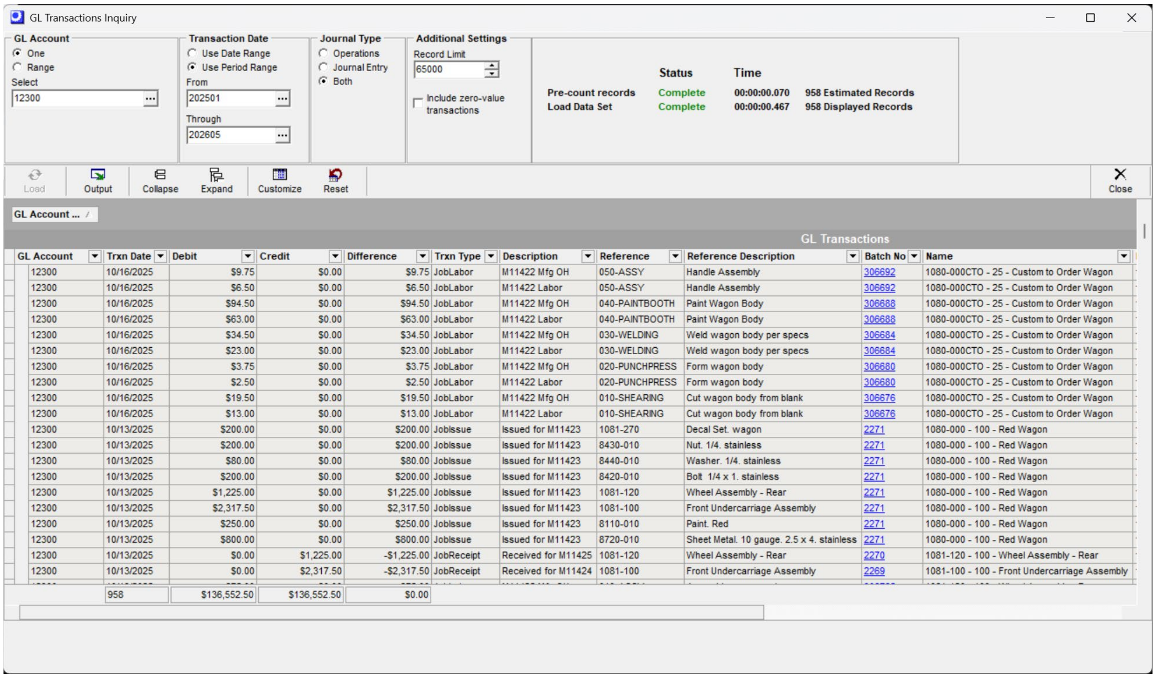
Each count includes drill-through access to a listing of the assigned Items or Descriptors, making it easier to review where each category is being used.

The screen also now displays any **Sales** and **COGS GL posting exceptions** defined for the Item Category in *GL > General Ledger Setup > Account Assignments > Sales Exceptions tab*

These improvements make the Item Category screen more useful for reviewing category assignments, researching usage, and verifying related Sales and COGS exception account setup.

GL Analysis Transaction Detail Improvements

([GL > Analysis > GL Transactions Detail]())



Build 407 includes improvements to **GL > Analysis > GL Transactions Detail** to provide clearer transaction detail and better reversal traceability.

A new **Reference Description** column has been added to display the related description value for items, descriptors, and work centers. This makes transaction review easier by providing more meaningful source transaction detail directly in the analysis grid.

Additional improvements include:

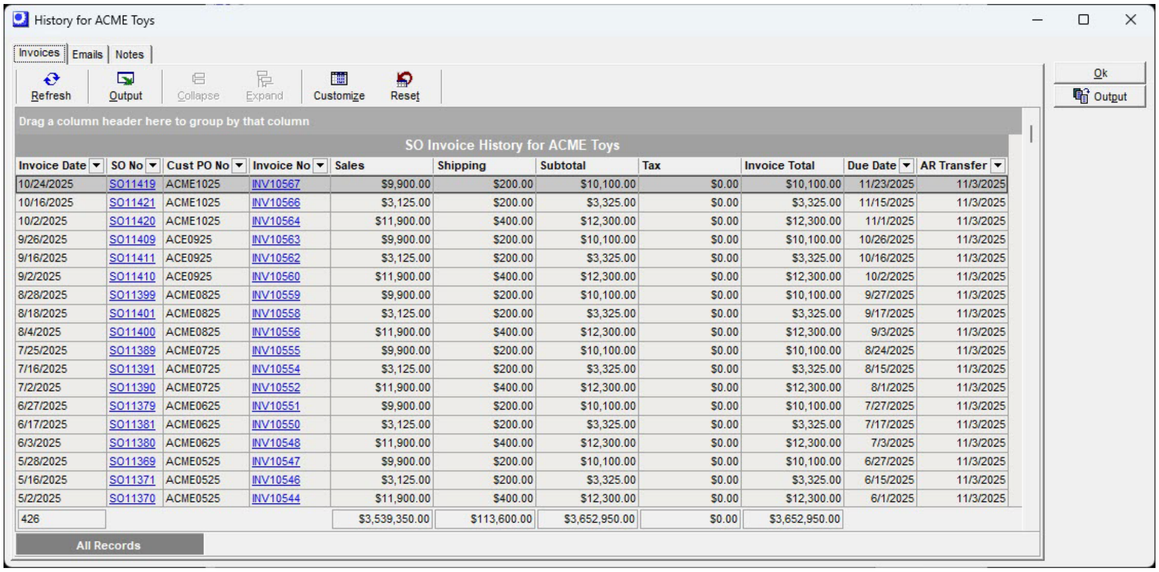
- Improved clarity for transaction reversals
- New drill-through access from the **Batch No** field for PO Invoice and Supplier Invoice reversals
- Overall improved cross reference information for all transaction types

These changes improve reporting visibility, auditability, and transaction research from the GL Transactions Detail screen.

Customer History Screen Improvements

([Sales > Customer > History Button]())

The Customer History screen Invoices tab has been completely redesigned and includes live links to the SO Inquiry screen for improved functionality.



History for ACME Toys

Invoices | Emails | Notes

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Ok | Output

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SO Invoice History for ACME Toys

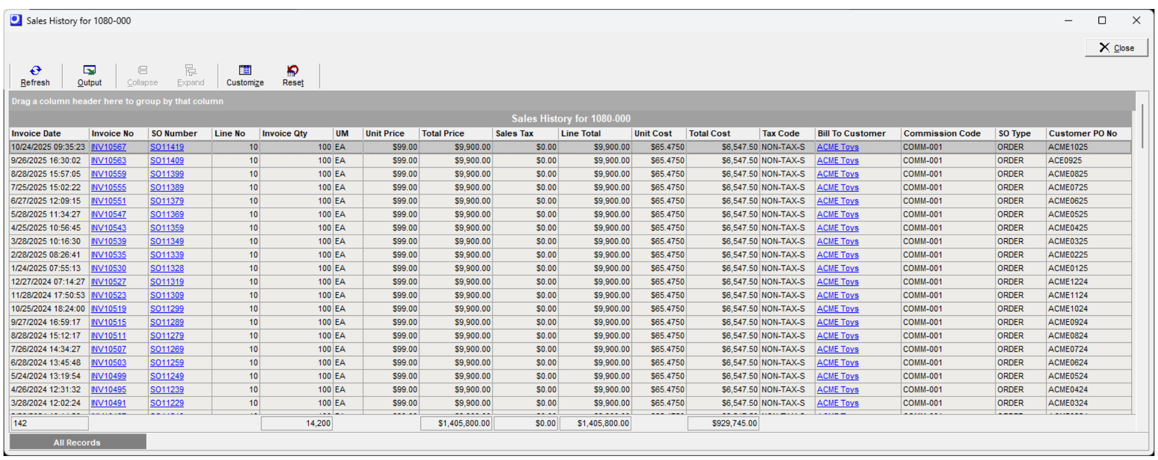
Invoice Date	SO No	Cust PO No	Invoice No	Sales	Shipping	Subtotal	Tax	Invoice Total	Due Date	AR Transfer
10/24/2025	SO11419	ACME1025	INV10567	$9,900.00	$200.00	$10,100.00	$0.00	$10,100.00	11/23/2025	11/3/2025
10/16/2025	SO11421	ACME1025	INV10566	$3,125.00	$200.00	$3,325.00	$0.00	$3,325.00	11/15/2025	11/3/2025
10/2/2025	SO11420	ACME1025	INV10564	$11,900.00	$400.00	$12,300.00	$0.00	$12,300.00	11/1/2025	11/3/2025
9/26/2025	SO11409	ACE0925	INV10563	$9,900.00	$200.00	$10,100.00	$0.00	$10,100.00	10/26/2025	11/3/2025
9/16/2025	SO11411	ACE0925	INV10562	$3,125.00	$200.00	$3,325.00	$0.00	$3,325.00	10/16/2025	11/3/2025
9/2/2025	SO11410	ACE0925	INV10560	$11,900.00	$400.00	$12,300.00	$0.00	$12,300.00	10/2/2025	11/3/2025
8/28/2025	SO11399	ACME0825	INV10559	$9,900.00	$200.00	$10,100.00	$0.00	$10,100.00	9/27/2025	11/3/2025
8/18/2025	SO11401	ACME0825	INV10558	$3,125.00	$200.00	$3,325.00	$0.00	$3,325.00	9/17/2025	11/3/2025
8/4/2025	SO11400	ACME0825	INV10556	$11,900.00	$400.00	$12,300.00	$0.00	$12,300.00	9/3/2025	11/3/2025
7/25/2025	SO11389	ACME0725	INV10555	$9,900.00	$200.00	$10,100.00	$0.00	$10,100.00	8/24/2025	11/3/2025
7/16/2025	SO11391	ACME0725	INV10554	$3,125.00	$200.00	$3,325.00	$0.00	$3,325.00	8/15/2025	11/3/2025
7/2/2025	SO11390	ACME0725	INV10552	$11,900.00	$400.00	$12,300.00	$0.00	$12,300.00	8/1/2025	11/3/2025
6/27/2025	SO11379	ACME0625	INV10551	$9,900.00	$200.00	$10,100.00	$0.00	$10,100.00	7/27/2025	11/3/2025
6/17/2025	SO11381	ACME0625	INV10550	$3,125.00	$200.00	$3,325.00	$0.00	$3,325.00	7/17/2025	11/3/2025
6/3/2025	SO11380	ACME0625	INV10548	$11,900.00	$400.00	$12,300.00	$0.00	$12,300.00	7/3/2025	11/3/2025
5/28/2025	SO11369	ACME0525	INV10547	$9,900.00	$200.00	$10,100.00	$0.00	$10,100.00	6/27/2025	11/3/2025
5/16/2025	SO11371	ACME0525	INV10546	$3,125.00	$200.00	$3,325.00	$0.00	$3,325.00	6/15/2025	11/3/2025
5/2/2025	SO11370	ACME0525	INV10544	$11,900.00	$400.00	$12,300.00	$0.00	$12,300.00	6/1/2025	11/3/2025
426				$3,539,350.00	$113,600.00	$3,652,950.00	$0.00	$3,652,950.00		

All Records

Stock Item Sales History Screen NEW

(Inventory > Stock Items > History Button > Sales)

The stock item History button has a new option to view the Sales History by Item screen. There are live links to the SO Inquiry screen.



Sales History for 1080-000

Close

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Sales History for 1080-000

Invoice Date	Invoice No	SO Number	Line No	Invoice Qty	UM	Unit Price	Total Price	Sales Tax	Line Total	Unit Cost	Total Cost	Tax Code	Bill To Customer	Commission Code	SO Type	Customer PO No
10/24/2025 09:35:23	INV10567	SO11419	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME1025
9/26/2025 16:30:02	INV10563	SO11409	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACE0925
8/28/2025 15:57:05	INV10559	SO11399	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0825
7/25/2025 15:02:22	INV10555	SO11389	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0725
6/27/2025 12:09:15	INV10551	SO11379	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0625
5/28/2025 11:34:27	INV10547	SO11369	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0525
4/25/2025 10:56:45	INV10543	SO11359	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0425
3/28/2025 10:16:30	INV10539	SO11349	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0325
2/28/2025 08:26:41	INV10535	SO11339	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0225
1/24/2025 07:55:13	INV10530	SO11328	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0125
12/27/2024 07:14:27	INV10527	SO11319	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME1224
11/28/2024 17:50:53	INV10523	SO11309	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME1124
10/25/2024 18:24:00	INV10519	SO11299	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME1024
9/27/2024 16:59:17	INV10515	SO11289	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0924
8/28/2024 15:12:17	INV10511	SO11279	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0824
7/26/2024 14:34:27	INV10507	SO11269	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0724
6/28/2024 13:45:48	INV10503	SO11259	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0624
5/24/2024 13:19:54	INV10499	SO11249	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0524
4/26/2024 12:31:32	INV10495	SO11239	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0424
3/28/2024 12:02:24	INV10491	SO11229	10	100	EA	$99.00	$9,900.00	$0.00	$9,900.00	$65.4750	$6,547.50	NON-TAX-S	ACME Toys	COMM-001	ORDER	ACME0324
142				14,200			$1,405,800.00	$0.00	$1,405,800.00		$929,745.00					

All Records

Database Changes

GLFILE Database Structure Improvements

Build 407 includes database structure changes to the **GLFILE** table to improve transaction tie-backs, reduce database size, and improve query performance.

A new **GLFL_SOURCEID** numeric field has been added to improve tie-backs between GL transactions and their originating transactions in the system.

The previous **SOURCEREF** text field has been replaced with a numeric transaction type value: **GLFL_TRXNTYPE_ID**. This field links to **GLTRXNTYPE**, which provides the key values and long descriptions for each transaction type.

The following fields have been removed from **GLFILE**:

- **SOURCEREF**
- **OTHERREF**
- **JTYPE**
- **REFID1**

For cross-reference information, the system now uses **GLFL_SOURCEID** to identify the originating transaction. There is a new stored procedure that designates the cross-reference information presented in the GL Analysis Screens and Journal Reports for each respective transaction type.

The end result is a more efficient GLFILE structure, with significantly reduced database size and improved query speed.

Data Dictionary – General Ledger

Data Dictionary

New Reversal Audit Tables

Build 407 adds two new reversal audit tables:

- **EXPENSEHEAD_REV**
- **EXPENSEDETL_REV**

These tables provide an audit trail for **PO Invoice** and **Supplier Invoice** reversal transactions, including the DBA User who performed the reversal.

A dynamic drill-through link has also been added from the **Batch Number** field in ***GL > Analysis > GL Transactions Detail***

For applicable reversal transactions, the Batch Number link opens a special reversal inquiry screen where the reversal details can be reviewed.

This enhancement improves auditability and makes it easier to trace reversal postings from GL analysis back to the originating reversal transaction detail.

Data Dictionary - PO Invoice/Supplier Invoice Reversal

PO Ref Type Database Field Added to Purchase Order Details

Build 407 adds a new **PO Ref Type** field to **Purchase Order Details** to clarify the purpose of each purchase order line.

A new numeric field has been added to the **PODETL** table:

PODETL_REFTYPE_ID

This field links to the new **PODETL_REFTYPE** table, where the numeric ID values and description values are stored.

The PO Ref Type supports improved reporting, inquiry visibility, and GL transaction tie-backs by identifying the purchase order line purpose, such as Item, Misc PO, Ship, Subcon, or Misc Job.

New GL Balance Table for Faster Balance Account Reporting

Build 407 adds a new **GL_BALANCE** table for GL accounts. This table is managed automatically by database triggers at the time of GL posting.

The GL_BALANCE table maintains the all-time activity balance for each GL account, including future-dated transactions. For Balance Accounts, the system no longer has to calculate account balances by summing every transaction from the beginning of company history through the selected date.

Instead, the system starts with the total account balance and works backward to the selected reporting date. This dramatically improves the speed of **Balance Sheet** and **Trial Balance** calculations, especially for long-time customers with large GL transaction histories.

For the calculated portion of **Retained Earnings**, the system can also use the total value and net out recent transactions, further improving performance and efficiency.

Documentation Changes

New Documentation Style – Infographics

We have developed a new series of infographics covering the major functional areas of the system. These infographics are designed to provide clear visual guidance for key workflows, setup concepts, and processing steps.

The new infographic content has been incorporated into multiple documentation areas, including:

- Screen Help
- Startup Guide
- Training Guide
- Workflow User Guides

The infographics are also referenced throughout the Workflow User Guides to help users connect visual process guidance with the related step-by-step documentation.

Infographic User Guide Complete - PDF