



## Release Notes – Build 404

Build 404.0.0 – Released October 7, 2024

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### Overview

#### New Sales Analysis and PO Inquiry Screens

This update provides a powerful new reporting tool that allows you to define multi column data sets to analyze your item sales. There is a new PO Inquiry screen that provides read only access to your Purchase Order activity. We have also dramatically improved our load times for all system Data Views and SO/Job list screens.

### System Administrator Task List

#### Pre-Installation Recommendations

##### Support subscription recommended

We recommend obtaining an ongoing support subscription so that you 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 404](#)

## 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.

### **You may need to temporarily disable your anti-virus program**

Our Training Company installation and program update can get tripped up by many of the different anti-virus programs on the market. If you encounter errors, you can temporarily disable your anti-virus before running the installer routine. Upon completion of the install/update, re-activate your anti-virus program.

## **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 an external 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*.

### **Used solely for database backups**

The Backup Manager is not a generic backup utility that can be used with multiple file types. Its sole purpose is to create database backups to the server and mirror copies to an external drive. These database backups can then be incorporated into your general server backup to the cloud or an off-site location.

### **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.

### **Incorporate FBK backup files in your daily general backup**

You will continue to make a general daily backup of all the critical data folders on your server, not just for DBA but for other applications as well. The general daily backup should incorporate the *(drive letter)\ProgramData\DBABackup* folder, which contains your FBK backup files.

## **Build 404 Releases**

Build 404.0.0	Main Release	Oct 7, 2024
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## New Features

### New Sales by Item Analysis Screen

(Sales > Analysis > Sales by Item)

The screenshot shows the 'Sales Analysis by Item' window. It includes filter sections for Stock Items, Invoice/SO, Line Type, and MRP Analysis Code. A status bar indicates 'Load Data Set Complete' at 100% with a time of 00:00:01.014. Below the filters is a table with columns for Item ID, Description, and monthly sales from July 23 to December 23, along with Total, Average, Item Category, Line Type, and MRP.

Item ID	Description	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Total	Average	Item Category	Line Type	MRP
1005-200	Red Wagon	\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00	\$59,400.00	\$9,900.00	PRODUCT-MFG	Stock	M
1005-000CTO	Custom to Order Wagon	\$3,125.00	\$3,125.00	\$3,125.00	\$3,125.00	\$3,125.00	\$3,125.00	\$18,750.00	\$3,125.00	PRODUCT-MFG	Stock	M
1005-100	Wagon Seat Accessory	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00	\$16,800.00	\$2,800.00	PRODUCT-PURCH	Stock	P
1005-110	Wagon Handle Extension	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$8,400.00	\$1,400.00	PRODUCT-PURCH	Stock	P
1005-120	Wagon Trailer	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$25,200.00	\$4,200.00	PRODUCT-PURCH	Stock	P
1005-130	Wagon Seating Pad	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$8,400.00	\$1,400.00	PRODUCT-PURCH	Stock	P
1005-140	Wagon Cooler	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00	\$12,600.00	\$2,100.00	PRODUCT-PURCH	Stock	P
9999-100	Sample Item - serial control	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$600.00	\$100.00	9999-SAMPLE	Stock	P
9999-110	Sample Item - kit control	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$600.00	\$100.00	9999-SAMPLE	Stock	P
9999-120	Sample Item with lot = serial tracking	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$600.00	\$100.00	9999-SAMPLE	Stock	P
9999-130	Sample Item - expiration date control	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$600.00	\$100.00	9999-SAMPLE	Stock	P
11		\$25,325.00	\$25,325.00	\$25,325.00	\$25,325.00	\$25,325.00	\$25,325.00	\$151,950.00	\$25,325.00			

We have created a new *Sales by Item* analysis screen that allows you to define multiple data columns to review item invoice transaction trends over time. You can define a series of columns, compare two columns, sum of columns, average of columns, and report on a peak value of any of your reporting columns.

### New PO Inquiry Screen

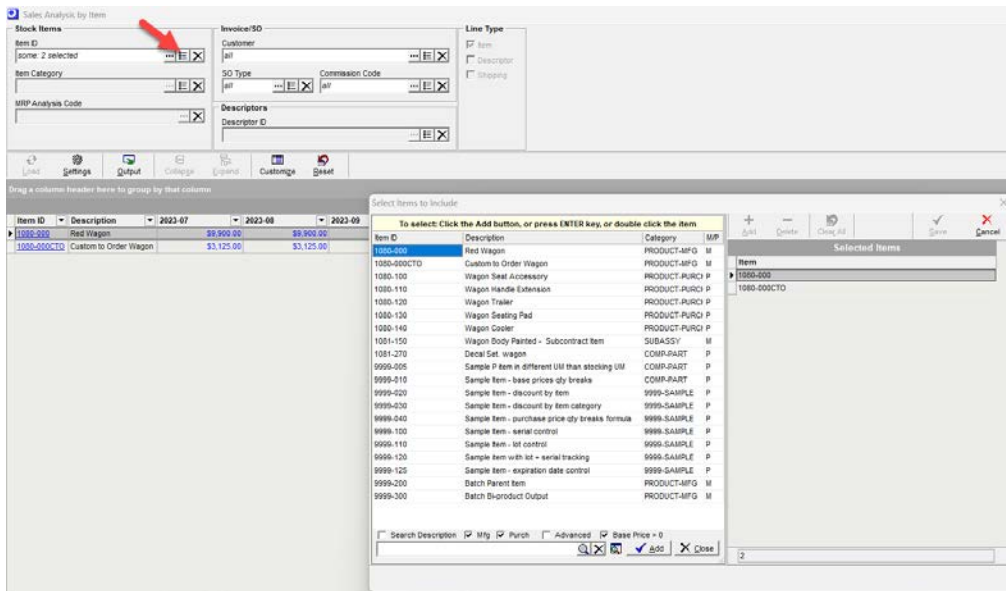
(Purch > PO Inquiry)

The screenshot shows the 'PO Inquiry' window for PO Number 010600. It includes fields for PO Description, Supplier, and Creation Date. Below is a 'Summary' tab with a table of line items.

Line No	Line Type	Reference ID	Description	UM	PO Order Qty	PO Unit Cost	PO Total Cost	Qty Rec TD	Rec Unit Cost	Rec Total Cost	Qty Invoiced TD	Inv Unit Cost	Inv Total Cost	RRI Variance
10	Stock	1000-100	Wagon Seat Accessory	EA	100	\$20.0000	\$2,000.00	100	\$20.0000	\$2,000.00	100	\$20.0000	\$2,000.00	\$0.00
20	Stock	1000-110	Wagon Handle Extension	EA	100	\$10.0000	\$1,000.00	100	\$10.0000	\$1,000.00	100	\$10.0000	\$1,000.00	\$0.00
30	Stock	1000-120	Wagon Trailer	EA	100	\$30.0000	\$3,000.00	100	\$30.0000	\$3,000.00	100	\$30.0000	\$3,000.00	\$0.00
40	Stock	1000-130	Wagon Seating Pad	EA	100	\$10.0000	\$1,000.00	100	\$10.0000	\$1,000.00	100	\$10.0000	\$1,000.00	\$0.00
50	Stock	1000-140	Wagon Cooler	EA	100	\$15.0000	\$1,500.00	100	\$15.0000	\$1,500.00	100	\$15.0000	\$1,500.00	\$0.00
										\$8,500.00		\$8,500.00	\$8,500.00	

We have created a new *PO Inquiry* screen that provides read only access to your Purchase Order transactions. There are tabs for Summary, PO Details, PO Receipts, Receipt Batches, and PO Invoices.

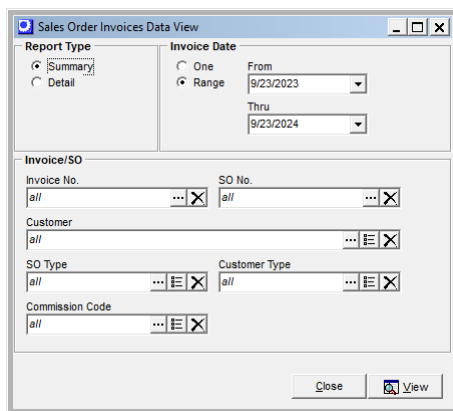
## New reporting filter to handle One, Some, All selections



We have created a new filter selection tool that lets you more easily define your data filtering selections. Our previous “some” filtering had poor performance on larger datasets.

## Significantly improved performance for all Data Views

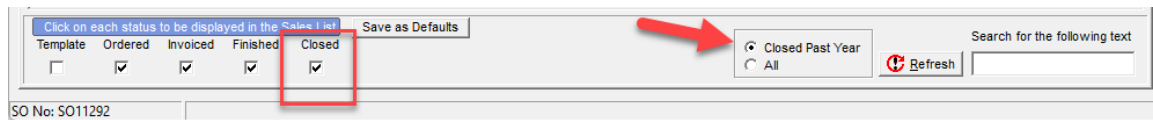
(Sales > Data Views > Sales Order Invoices)



We redesigned our Data Views to load larger datasets more efficiently. We are also incorporating our new one, some, all data filter tool into many of our Data View reports.

## New handling of Closed status SOs and Jobs in opening lists

(Sales > Sales Order List and Jobs > Jobs List)



The screenshot shows a software interface for managing sales orders and jobs. At the top, there is a header bar with a tooltip that says "Click on each status to be displayed in the Sales List" and a "Save as Defaults" button. Below this, there is a table of status filters with columns: Template, Ordered, Invoiced, Finished, and Closed. The 'Closed' column has a red box around its checkbox, which is checked. To the right of the table, there is a radio button selection for "Closed Past Year" (selected) and "All". A red arrow points to the "Closed Past Year" radio button. Further right, there is a "Refresh" button and a search box labeled "Search for the following text". At the bottom left, the text "SO No: SO11292" is visible.

In the Sales Order and Job list screens when you select the Closed status, we will default to including SOs and Jobs closed within the past year. This helps improve system performance and retain the column header sorting functionality. You have the option to select all closed SOs/Jobs if needed.

## Documentation

### Videos

[Video – Analysis Sales by Item Series of Columns](#)

[Video – Analysis Sales by Item Compare Two Columns](#)

### Screen Help

[Sales by Item Analysis](#)

[PO Inquiry](#)