



## Release Notes – Build 400

Build 400.0.1 – Released May 3, 2022

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### Overview

#### **Focus of this Build is on improved transaction tracking**

We have added stored procedures to our system to provide improved cross reference information and live transaction tie backs to GL transactions and to Inventory transactions. These tie backs will allow you to drill through using live links to the Sales Inquiry, Job Inquiry, or Data View detail reports.

#### **New method for handling a large number of transactions**

We have designed a new reporting methodology that allows us to pre-check the number of transactions for a report prior to loading the report grid.

In support, we have seen customers that have several hundred thousand transactions in their Inventory and/or Work in Process GL Accounts for a single year, and in excess of a million transactions over the life of their system.

We spent a lot of programming time developing the GL Transaction Inquiry and how to better handle very large datasets. Our intent is to develop additional inquiry screens and reports utilizing this new technique.

#### **Work Center Capacity Settings Review**

In support tickets, we have noticed that many companies have improper or non-existent Work Center Capacity settings. These settings have a big impact on the system and can cause confusion in your Job Days Inquiry, Job Priority, and Work Center Queues. In response to customer feedback, we have improved the documentation in the *Shop Control Guide* for setup of Work Center Capacities.

We encourage all users to read this new documentation and do a thorough review of their Work Center capacity settings.

## **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.

#### **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**

A new Backup Manager was introduced in previous build 395. It is used for database backups and should be incorporated into your current backup procedures.

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.

#### **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

So 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.

## **Accessed from the server**

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

## **Instructions**

Refer to the Installation / Update guide for Backup Manager instructions.

## **Review resolved programming issues**

A list of resolved programming issues in build 400 is available in the "What's New" area of the support center.

## **Review Work Center Capacity settings**

Read the improved documentation for [Work Center Capacities Setup](#) and go to the *Jobs > Work Center Schedule* and review the capacity settings for **all** of your Work Centers.

## Build 400 Releases

Build 400.0.1	Hotfix	May 3, 2022
Build 400.0.0	Main Release	April 4, 2022

## New Features

### GL Transactions Inquiry (NEW)

(GL > GL Transactions Inquiry)

GL Transactions Inquiry

GL Account: 12000

Transaction Date: From 1/29/2021 Through 1/18/2021

Journal Type: Both

Additional Settings: Record Line (10000)

Status: Complete 00:00:00.017 97 Estimated Records

Time: Complete 00:00:00.051 97 Displayed Records

GL Account	Tran Date	Debit	Credit	Difference	Tran Type	Description	Reference	Batch No	Name	Entered	Ledger ID	Jnl Type	Account Type	Account Class	Account Group	X-Ref Account
12000	1/29/2021	\$0.00	\$6,547.50	-\$6,547.50	SO10047	1080-000	1361	ACME Toys	1/29/2021	220255	Operations	1 Assets	1 Current Assets	3 Inventory	12000	
12000	1/29/2021	\$6,547.50	\$0.00	\$6,547.50	JobReceipt	M10051	1080-000	1361	M10051	1/29/2021	220190	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/19/2021	\$0.00	\$1,587.50	-\$1,587.50	SO10049	1080-000CTO	1369	ACME Toys	1/19/2021	220161	Operations	1 Assets	1 Current Assets	3 Inventory	12000	
12000	1/19/2021	\$1,587.50	\$0.00	\$1,587.50	JobReceipt	M10050	1080-000CTO	1369	M10050	1/19/2021	220157	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$200.00	-\$200.00	Jobbaus	M10051	1081-270	1368	M10051	1/18/2021	220113	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$200.00	-\$200.00	Jobbaus	M10051	8430-010	1368	M10051	1/18/2021	220112	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$80.00	-\$80.00	Jobbaus	M10051	9440-010	1368	M10051	1/18/2021	220111	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$200.00	-\$200.00	Jobbaus	M10051	8430-010	1368	M10051	1/18/2021	220110	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$1,225.00	-\$1,225.00	Jobbaus	M10051	1081-120	1368	M10051	1/18/2021	220109	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$2,317.50	-\$2,317.50	Jobbaus	M10051	1081-100	1368	M10051	1/18/2021	220108	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$250.00	-\$250.00	Jobbaus	M10051	8110-010	1368	M10051	1/18/2021	220107	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$0.00	\$800.00	-\$800.00	Jobbaus	M10051	8720-010	1368	M10051	1/18/2021	220106	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$1,225.00	\$0.00	\$1,225.00	JobReceipt	M10053	1081-120	1367	M10053	1/18/2021	220101	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/18/2021	\$2,317.50	\$0.00	\$2,317.50	JobReceipt	M10052	1081-100	1366	M10052	1/18/2021	220094	Operations	1 Assets	1 Current Assets	3 Inventory	12000
12000	1/15/2021	\$0.00	\$200.00	-\$200.00	Jobbaus	M10053	1081-240	1365	M10053	1/15/2021	220082	Operations	1 Assets	1 Current Assets	3 Inventory	12000
97		\$20,230.00	\$28,386.25	-\$154.25												

Use this screen to explore your GL Transactions. You can select filter criteria and load your data into the reporting grid. In the reporting grid, all of the column headers contain filtering capabilities and you can drag and drop for custom groupings of data. You can also drill through to the origin transactions from fields highlighted in underlined blue.

We have added improved cross reference information in the Description, Reference, Name and Batch No fields based on the GL transaction type.

## Inventory Transactions Improvements

(Inventory > Stock Adjustments > Transactions, Inventory > Stock Status > Transactions, Inventory > Stock Items > History Button)

Stock Status (1080-140)

For Sale ☒ Item ID / Description **1080-140** Mfg/Purch **Wagon Cooler** UM **EA**

Summary | Stock | Projected | POs (+) | Job Outputs (+) | SOs (-) | Job Inputs (-) | Transactions

Refresh Output Collapse Expand

Drag a column header here to group by that column

Item Transaction History

Date	Trxn Type	Reference	Qty	Location	Unit Cost	Total Cost	Trxn OH	Batch No	Source	Name
3/1/2022 15:33:51	PICK	Picked for Order SO10913	-100	MAIN	\$15.0000	(\$1,500.00)	10	<a href="#">1450</a>	SO10913	ACME Toys
2/28/2022 14:56:13	POREC	Received for PO: PO10455	10	MAIN	\$15.0000	\$150.00	110	<a href="#">10458</a>	PO10455	Wagon Accessory Company
2/15/2022 17:42:51	POREC	Received for PO: PO10452	100	MAIN	\$15.0000	\$1,500.00	100	<a href="#">10453</a>	PO10452	Wagon Accessory Company
2/15/2022 17:22:57	PICK	Picked for Order SO10909	-100	MAIN	\$15.0000	(\$1,500.00)	0	<a href="#">1445</a>	SO10909	ACME Toys
6/8/2021 13:27:07	POREC	Received for PO: PO10450	100	MAIN	\$15.0000	\$1,500.00	100	<a href="#">10451</a>	PO10450	Wagon Accessory Company
6/2/2021 13:24:30	PICK	Picked for Order SO10900	-100	MAIN	\$15.0000	(\$1,500.00)	0	<a href="#">1428</a>	SO10900	ACME Toys
5/10/2021 13:06:31	POREC	Received for PO: PO10445	100	MAIN	\$15.0000	\$1,500.00	100	<a href="#">10446</a>	PO10445	Wagon Accessory Company

All Records

Close

We added Source, Reference, and Name columns to help provide additional cross reference information for the major inventory transaction types (PO Receipts, Job Issues, Job Receipts and Order Picks).. A live link drill through from the Batch Number field will launch the Sales Inquiry, Job Inquiry, or PO Receipt Data View screen. We also added a Total Cost column for improved transaction audits.

## Sales and Job Inquiry Improvements

(Sales > Sales Inquiry, Jobs > Job Inquiry)

Sales Order Inquiry

Selection

SO Number

Order Name  PO Number

Status  Customer

Status | Shipments | **Invoices** | Batch History | Documents

Line Items

Invoice Date	Invoice No	Status	Line Items	Shipping	Invoice Total	Sales Tax
3/1/2022	INV10368	Credited		\$200.00	\$12,100.00	\$0.00
3/1/2022	INV10369	Credited		(\$200.00)	(\$12,100.00)	\$0.00
3/1/2022	INV10370	Printed		\$200.00	\$12,100.00	\$0.00

Line No	Reference ID	Description	Qty	UM	Unit Price	Total Price	Tax	Line Total	Unit Cost	Total Cost	Margin %	Markup %
10	1080-100	Wagon Seat Accessory	100	EA	\$28.00	\$2,800.00	\$0.00	\$2,800.00	\$10.2439	\$1,024.39	63.41%	173.33%
20	1080-110	Wagon Handle Extension	100	EA	\$14.00	\$1,400.00	\$0.00	\$1,400.00	\$10.0000	\$1,000.00	28.57%	40%
30	1080-120	Wagon Trailer	100	EA	\$42.00	\$4,200.00	\$0.00	\$4,200.00	\$30.0000	\$3,000.00	28.57%	40%
40	1080-130	Wagon Seating Pad	100	EA	\$14.00	\$1,400.00	\$0.00	\$1,400.00	\$10.0000	\$1,000.00	28.57%	40%
50	1080-140	Wagon Cooler	100	EA	\$21.00	\$2,100.00	\$0.00	\$2,100.00	\$15.0000	\$1,500.00	28.57%	40%
60	Shipping	Freight SO10913-1	1	EA	\$200.00	\$200.00	\$0.00	\$200.00	\$0.0000	\$0.00	100%	100%

We have added drill through links from the GL Transactions Inquiry and Inventory Transaction screens. We have added unit costs and extended total costs against all transaction lines in the batch history screens system wide. For the Sales Inquiry screen, we added markup and margin info against invoice detail records, and we added reversed invoices to help improve transaction audits from the GL Transaction Inquiry.

## Documentation

### Screen Help

[GL Transactions Inquiry Screen Help](#)

[Shop Control > Work Center Capacities](#)

## **Shop Control Guide**

We have improved the section on Work Center Capacities setup in the Shop Control Guide.

[Shop Control Guide](#)