



Release Notes – Build 398

Build 398.2.0 – Released March 30, 2021

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Overview

In this time of economic crisis, every manufacturer has to tighten its belt. Build 398 gives you an exciting new planning tool that will help you reduce lead times, stop inventory accumulation, and minimize shortages.

Multi Item Stock Status (New)

The centerpiece of build 398 is our new Multi Item Stock Status inquiry screen, which enables you to assess the summarized stock status of multiple items, aided by a variety of filtering options and drill-down to the single item Stock Status screen.

This inquiry complements MRP and is driven by the same settings. If you are a manual planner, this inquiry will be of immense help, but more importantly, we hope it educates and inspires you to use demand-driven MRP, which is the best way by far to reduce lead times, eliminate stock accumulation, and minimize the frequency and duration of shortages.

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 398 is available in the "What's New" area of the support center.

Build 398 Releases

Build 398.2.0	Service Pack	March 30, 2021
Build 398.1.0	Service Pack	
Build 398.0.0	Main Release	

Service Pack 398.2.0

This service pack update provides several programming issue fixes. Refer to the following document for specifics.

[Programming Issues Resolved Build 398](#)

New Features - Service Pack 398.1.0

Job Inquiry

(Jobs – Job Inquiry)

This inquiry, which is the definitive reference for job cost information, has several key enhancements.

Header Panel

A new Est Job Cost field has been added to the header panel, along with a visual indicator when multiple outputs exist.

Est Job Cost Tab (New)

Sequence	Process ID	Work Center	Subcon	Items/Proc	Hours/Proc	Proc/Hour	Setup Hrs	Labor Hours/Item	Tot Labor Hrs	Setup	Labor	Mfg OH	Subcon	Tot Routing Cost	WC Setup Rate	WC Labor Rate	WC Mfg OH Rate
010	CUT-BODY	SHEARING		1	0.05	20	0	0.05	5	\$0.0000	\$0.5000	\$0.7500	\$0.0000	\$1.2500	\$10.00	\$10.00	\$15.00
020	FORM-BODY	PUNCHPRESS		1	0.01	100	0	0.01	1	\$0.0000	\$0.1000	\$0.1500	\$0.0000	\$0.2500	\$10.00	\$10.00	\$15.00
030	WELD-BODY	WELDING		1	0.05	20	0	0.05	5	\$0.0000	\$0.5000	\$0.7500	\$0.0000	\$1.2500	\$10.00	\$10.00	\$15.00
040	PAINT-BODY	PAINTBOOTH		1	0.25	4	0	0.25	25	\$0.0000	\$2.5000	\$3.7500	\$0.0000	\$6.2500	\$10.00	\$10.00	\$15.00
050	ASSEMBLE	ASSY		1	0.1	10	0	0.1	10	\$0.0000	\$1.0000	\$1.5000	\$0.0000	\$2.5000	\$10.00	\$10.00	\$15.00
060	INSPECT-PACKAGE	QA-PACKAGE		1	0.05	20	0	0.05	5	\$0.0000	\$0.5000	\$0.7500	\$0.0000	\$1.2500	\$10.00	\$10.00	\$15.00
										0	51	\$0.0000	\$5,100.00	\$7,650.00	\$0.0000	\$12,750.00	

This new tab is devoted entirely to estimated job costs, broken out into four sub-tabs – Summary, Routing Costs, Material Costs, Misc Costs -- each with a Unit Cost or Total Cost option.

Job Costs Tab

The Job Lines sub-tab has been enhanced with new fields for Qty Per, Act Qty, and Est Cost.

New Features - Main Release Build 398.0.0

Stock Status

(Inventory – Stock Status)

This inquiry is now an option on the Inventory menu, where it precedes the new Multi Item Stock Status inquiry (see below). On the Summary tab, a Beyond Planning Period panel has been added below the Planning Period Availability panel.

Multi Item Stock Status (New)

(Inventory - Multi Item Stock Status)

Item ID	Description	UOM	Period End	Qty CH	PP Demand	On PO	Days to Cover	Plan Net Qty	Reorder Point	Beyond PP Demand	Order Policy	Item Category	Default Supplier
1080-100	Wagon Seat Accessory	EA	4/28/2020	100.00	200.00	100.00	18	0.00	47	0.00	Stocking Demand	PRODUCT-PLRCH	Wagon Accessory Company
1080-110	Wagon Handle Extension	EA	4/28/2020	90.00	100.00	0.00	Short	-50.00	47	0.00	Stocking Demand	PRODUCT-PLRCH	Wagon Accessory Company
1080-120	Wagon Trailer	EA	4/28/2020	200.00	100.00	0.00		100.00	47	0.00	Stocking Demand	PRODUCT-PLRCH	Wagon Accessory Company
1080-130	Wagon Seating Pad	EA	4/28/2020	200.00	100.00	0.00		100.00	47	0.00	Stocking Demand	PRODUCT-PLRCH	Wagon Accessory Company
1081-200	Bracket, front, steering	EA	4/28/2020	125.00	100.00	125.00		150.00	58	0.00	Stocking Demand	COMP-PART	Reardon Metal
1081-210	Bracket, rear	EA	4/28/2020	99.00	100.00	125.00		84.00	58	0.00	Stocking Demand	COMP-PART	Reardon Metal
1081-220	Handle Bar, metal	EA	4/28/2020	125.00	100.00	125.00		150.00	58	0.00	Stocking Demand	COMP-PART	Reardon Metal
1081-230	Handle Grp, metal	EA	4/28/2020	99.00	100.00	125.00		84.00	58	0.00	Stocking Demand	COMP-PART	Reardon Metal
1081-240	Axel Ruc, 15 inch	EA	4/28/2020	125.00	200.00	250.00		175.00	117	0.00	Stocking Demand	COMP-PART	Reardon Metal
1081-250	Axel cap, red	EA	4/28/2020	250.00	400.00	500.00		350.00	0	0.00	To Order	COMP-PART	Reardon Metal
1081-260	Wheel Standard, metal hub rubber tire	EA	4/28/2020	250.00	400.00	500.00		350.00	234	0.00	Stocking Demand	COMP-PART	Reardon Metal
1081-270	Decal Set, wagon	EA	4/28/2020	99.00	100.00	0.00	Short	-41.00	58	0.00	Stocking Demand	COMP-PART	ACME Paint Supplies
8110-010	Paint, Red	GAL	4/28/2020	15.00	25.00	0.00	Short	-10.00	15	0.00	Stocking Demand	COMP-RAWMAT	ACME Paint Supplies
8420-020	Cotter Pin, 2 inch, stainless	EA	4/28/2020	150.00	100.00	0.00	Short	-50.00	58	0.00	Stocking Demand	COMP-PART	Nuts and Bolts Hardware
8420-010	Botl, 1/4 x 1, stainless	EA	4/28/2020	650.00	1100.00	0.00	Short	-450.00	642	0.00	Stocking Demand	COMP-PART	Nuts and Bolts Hardware
8430-010	Nut, 1/4, stainless	EA	4/28/2020	650.00	1100.00	0.00	Short	-450.00	642	0.00	Stocking Demand	COMP-PART	Nuts and Bolts Hardware
8440-010	Washer, 1/4, stainless	EA	4/28/2020	275.00	1100.00	0.00	Short	-825.00	0	0.00	To Order	COMP-PART	Nuts and Bolts Hardware
8720-010	Sheet Metal, 10 gauge 2.5 x 4, stainless	EA	4/28/2020	98.00	100.00	125.00		84.00	58	0.00	Stocking Demand	COMP-RAWMAT	Reardon Metal
9999-100	Sample Item - serial control	EA	4/15/2020	5.00	5.00	0.00		0.00	0	0.00	To Order	9999-SAMPLE	Sample Company Supplier
9999-110	Sample Item - lot control	EA	4/15/2020	5.00	5.00	0.00		0.00	0	0.00	To Order	9999-SAMPLE	Sample Company Supplier
9999-120	Sample Item with lot + serial tracking	EA	4/15/2020	5.00	5.00	0.00		0.00	0	0.00	To Order	9999-SAMPLE	Sample Company Supplier

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[Screen Help – Multi Item Stock Status](#)