DBA MANUFACTURING
SOFTWARE FOR SMALL BUSINESS

Release Notes – Build 401

Build 401.0.2 – Released Jan 17, 2023

Contents

Overview

New Analysis Screens – Multi Period Reporting

We have released a new reporting tool that allows the end user to define multiple period analysis of data. There is a great deal of flexibility in defining the reporting criteria. You can add custom time period columns individually, or add a series of time period columns. There are additional features to add totals, averages, and comparisons of user defined periods of data.

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

Provide Menu Access to Non-Admin Users

We have added 3 new Analysis screens to the GL menu.   You will need to provide module security access to all Non-Admin users that you wish to grant access.

(Admin > User Setup > Module Security)
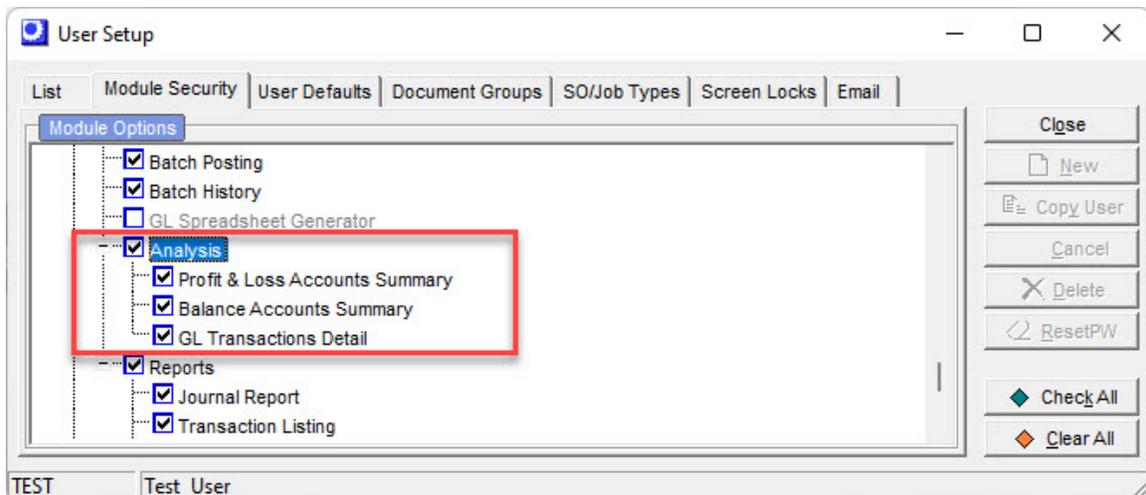
Build 401 Releases

Build 401.0.0	Main Release	September 21, 2022
Build 401.0.1	Hotfix	October 24, 2022
Build 401.0.2	Hotfix	January 17, 2023

New Features

Profit & Loss Accounts Analysis (NEW)

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

Use this screen to explore activity in your Profit and Loss Accounts in your General Ledger. In the settings screen, you can define custom date range columns or a series of date range columns to view trends over time. There are special columns for totals, averages, and comparisons of two columns. Once you have defined your report criteria you can 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 *GL Transactions Detail* screen from cells highlighted in blue.

Balance Accounts Analysis (NEW)

(*GL > Analysis > Balance Accounts*)

Use this screen to explore activity in your Balance Sheet Accounts in your General Ledger. In the settings screen, you can define custom date range columns or a series of date range columns to view trends over time. You can define data columns for either net change in transactions or a balance as of the period end date. There are special columns for totals, averages, and comparisons of two columns. 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 *GL Transactions Detail* screen from the net transactions cells highlighted in blue.

Base Prices Improvements

(*Sales > Pricing & Discounts > Base Prices*)

Next % Change – This provides feedback to the scale of a potential base price change.

Base Price Change Inquiry – Added an icon to launch a history of base price changes, the DBA User ID, and the batch number for data import or mass changes. At update, the first line of the history will be attributed to the ADMIN user based on the last update.

Cost Markup – This reference field calculates the *Base Price* markup % over *Estimated Cost*.

Break Type – A label will be visible if Qty Breaks are defined against an item.

> **Price** - Specific Prices are define for each *Break Qty*.
>
> **% of Base** - A percentage of base rule is applied to each *Break Qty*.
>
> **Invalid** - In older versions of the program it was possible to define both a Qty Break Price rule and Qty Break % of Base rule against the same item. To correct an invalid break type you must go to the Qty Breaks tab and delete all existing *Break Qty* lines, select a *Break Type*, and re-enter new breaks.

Qty Breaks Tab – There is a more deliberate choice of Break Type of either Price or % of Base with different screens for each.

Clear Next Button – This will clear all values in the Next Price field.

Documentation

Video

Build 401 Overview

Screen Help

Profit & Loss Accounts Analysis

Balance Accounts Analysis

Base Prices