

Historical Database

Maintaining a historical database is a challenge. We suggest the easiest method to establish and maintain historical databases in MFG/PRO™ is to use the BravePoint® Automation/Deletion Utility (ADU™) and follow the Periodic Refresh method.

Step 1: Make a copy of your production database. This is your initial historical database. Change security in the historical database so only displays and reports are available.

Step 2: Archive data from your production database using the ADU. Save the data. Production now has just your current history and base data while History has all your base data and history.

Step 3: At some point in the future, the base data in the historical database will be stale. New parts, new customers...new things will be in there. It will be time to refresh the historical database. To do so, repeat step 1. Make another copy of your production database, which is your new historical database, and change the security permissions like you did in step 1. This new History database contains your base data, current history, and new history.

Step 4: Make a copy of your production ADU database as well. Use the copy to reload the history that was archived in step 2. History now has your base data, old history, current history, and new history.

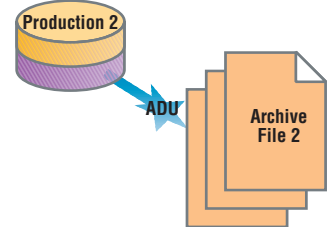
Step 5: Repeat step 2. Archive data from your production database again, using the ADU. Save the data in addition to the data saved in step 2. Production once again has your base data and current history.

Step 6: At some future point, it will be time to refresh again. Repeat step 3.

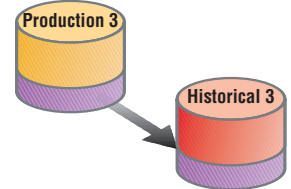
Step 7: Repeat step 4, loading the data which was archived in step 2 and step 5.

Repeat steps 5 through 7 every time a new historical database is required, reloading all previous history. Production will remain lean and mean, and history will continue to grow safely.

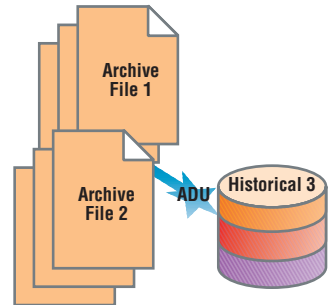
Step 5






Step 6



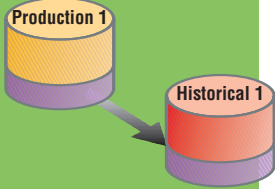
Step 7



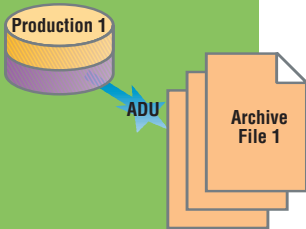
Legend

-  Base Data
-  History
-  Archive

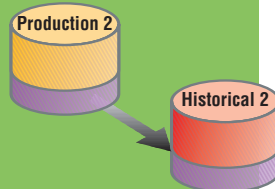
Step 1



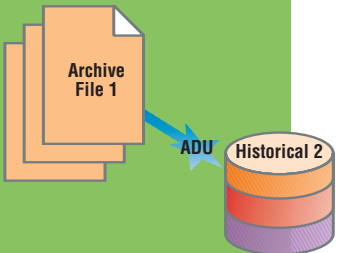
Step 2



Step 3



Step 4



Why this works

A QAD database consists of base data and historical data. Production always contains your base data, current history, and new base data and history. History then contains all your base data and current history, as well as all of the prior history that you'd like. And at any time, you can easily recreate History from a recent backup and your archived historical data.

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