

PURGING & ARCHIVING PRIOR TO YOUR UPGRADE

In most cases, one of the limiting factors of an upgrade project is the time needed to convert your data. Purging before an upgrade reduces this time. This has been the key factor for a number of organizations moving to the latest release of JD Edwards. Purged and archived data can be converted post upgrade in a less time critical manner. Other benefits include:

Reduced Amount of Data to Upgrade

- Archived data can be upgraded on a separate schedule (before, during, or after the main upgrade), and drops out of the critical path of the upgrade plan

Reduced Time to Perform Data Conversions

- Dorel Juvenile Group
 - Before purging and archiving >60 hours data conversion time
 - After purging and archiving <36 hours data conversion time

Smaller Data Set to Manage

- In preceding weeks and months
- Creating test environments
- Performing test upgrades
 - They run quicker
 - You can do more of them
 - Therefore you can reduce the risk at the 'go-live'

Increased System Performance

- Day-to-day end users
- IT maintenance tasks
- IT maintenance tasks - related to the upgrade
- System resources are normally heavily used during an upgrade, so minimizing the usage of resources is beneficial

Quickly Quantify the Benefits

- Benchmarks
 - Pick some heavy duty processes that take time and resource on the system
 - Run a process in a test environment
 - Remove half of the data that it is processing, using SQL (quick and dirty - only do this in a test environment that you can restore)
 - Re-run the process in the test environment
 - Notice the time differences
 - Repeat for other heavy duty processes
 - Example: One customer removed 50% of their Work Order data, and their MRP build shrunk from 8 hours to 1.5 hours - an exponential decrease in time
- Time
 - If a user wastes 10 minutes per day waiting for things to happen in a system, they are wasting 43 hours per year.
 - Multiply this by the number of users this affects to get a 'lost time' consequence of a poor performing system
 - Turn this value into \$\$ - compare it against the costs of a purging and archiving solution, or the cost of upgrading the system to a higher specification - to see the cost benefit analysis

BEFORE YOU UPGRADE

- Complimentary Data Analysis
- See how much data you have and how much you don't need
- Which modules can a data purge and archive help with

PURGE & ARCHIVE PROJECT BENEFITS



Reduced database size can be beneficial for reduced back up times and reduced time to copy environments (i.e. PROD to DEV to CRP).



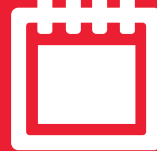
Reduced hardware requirements means that a system upgrade and certainly more disk space purchases can be deferred.



Being **legally compliant** with regulations is important for your reputation. You might need to keep information for serialized items for a great length of time.



Although purges are most often targeted towards transaction files, master files can also be **cleaned up**, thus making online and batch programs and processes simpler and faster.



A purge and archive is best served if it's treated as a regular project. Doing the **initial purge and then replicating it periodically** (monthly, quarterly, annually) keeps the benefits coming.



Disaster recovery involves reloading programs and data. Reduced space requirements for production data means you can return to normal business quickly.



JDE is a batch/transaction driven system. Many programs chew through the transaction files to generate results. Reduced file sizes mean **improved performance and reduced run times** for batch jobs.



A purge process can **highlight issues in data integrity** including non posted records, mismatched transactions, and missing master files. The purge process can help by identifying and giving a way to clean up or delete these records.



The best approach is to keep current plus "X" in PROD, moving a number of years to an **archive environment** and purging the rest. Users still have access to the archived transactions.



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