

Archive-Tools For Dynamics NAV

There are about 80,000 Microsoft Dynamics NAV users of out there. This unique group extends from small to large companies; from small databases to large databases; each with small, moderate or large numbers of transactions. However small or large your database is, it carries on, growing and growing, month by month, year by year. That is the nature of the NAV product.

BUSINESS CASE

At some point historical data becomes too large to keep and maintain, from a resources point of view (disks, memory), but also from a performance point of view – for example, it takes a long time to drill down to ledgers or produce reports fast. IT departments can deploy an SQL Server feature called Data Compression, but that requires the Enterprise Edition of SQL Server, and it will only deal with the disks and RAM issue, not with the quantity and heaviness of all the data in the database. Users therefore demand functionality to archive the data somewhere, still available for inspection and audit, but not clogging the operational database. For that reason, they need a product that allows them to do just that. It's finally here. Archive-Tools from SQL Perform. These products allow users to select what data will be shifted to a secondary historic data database on a regular basis. Perform-Archiving moves the selected data from primary to historic database whilst Perform-Compression not only moves the data, but while doing that, it also replaces the original detail ledger records with new summarized data. Imagine opening and closing balances' records are created whilst detailed data moved to somewhere else.

KEY FUNCTIONALITY

Perform-Archiving

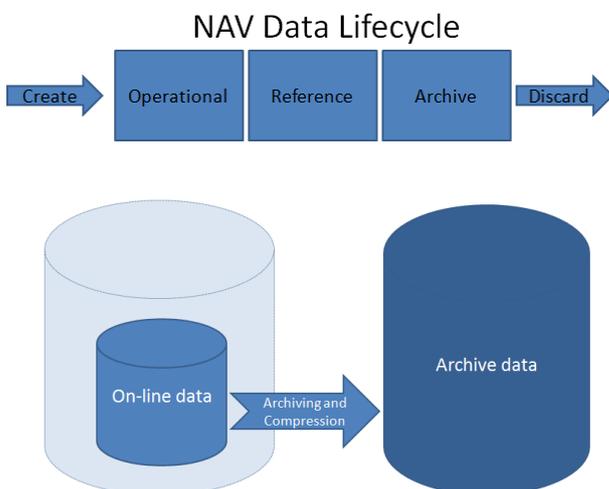
- Archive single table
- Archive pair of tables
- Dimension handling

Perform-Compression

- Compress single ledger
- Compress pair of ledgers
- Dimension handling

Shared features

- Archive into a different database
- Archive into a different company
- Registers
- Un-do
- Keep key data integrity
- Fast through T-SQL scripts



ADVANTAGES

Small Operational Database

- ✓ Performance boost
- ✓ Faster SQL Server
- ✓ Faster drill downs in NAV
- ✓ Faster reports in NAV
- ✓ Faster processing in NAV
- ✓ Faster backups
- ✓ Faster maintenance

Fiscal and Legal Requirements

- ✓ Retain detailed data for audit and detailed inspection
- ✓ Keeping statutory data retention periods requirements cleverly

Data Visibility

- ✓ Data is kept, but it isn't clogging the operational database
- ✓ View historic data in archive database

Audit

- ✓ Registers of archiving and compression

Un-do Functionality

- ✓ If anything went wrong, reverse to original state

Lean Infrastructure

- ✓ Less RAM and CPU power
- ✓ Minimizes need for SQL Server Data Compression