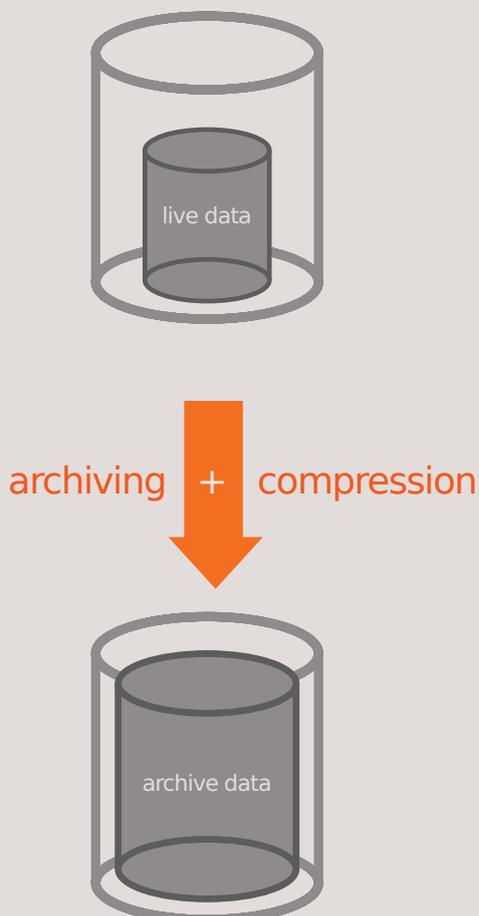# Archive-Tools

Archive-Tools

Go for Smaller. Better. Faster. Stronger.

Archive-Tools help you maximize your Return on Investment. Our products are designed to prolong the life expectancy of your NAV solution. Your database gets **smaller** and **faster**. Its performance gets **better**. In the end, your business turns **stronger**.

Archive-Tools allow users to select what data will be shifted to a secondary historic data database on a regular basis.

Ⅰ Perform-Archiving moves the selected data from a primary to a historic database
Ⅰ Perform-Compression not only moves the data, but also replaces the original detail ledger records with new summarized data. Opening and closing balance records are created whilst detailed data gets moved to somewhere else.

live data

archiving **+** compression

archive data

What if your database turns bigger, and bigger, and bigger…

There are thousands and thousands Microsoft Dynamics NAV users out there. This unique group extends from small to large companies and from small databases to large databases. Each with a small, moderate or large number 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.

…and gets too large?

At some point historical data becomes too large to keep and maintain, both from a resources point of view (disks, memory), and a performance point of view. What if it takes a long time to drill down to ledgers or produce reports fast?

IT departments can deploy a 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 complexity of all the data in the database.

Use tools that allow users to archive the data somewhere, while still keeping it available for inspection and audit. But in such a way it is not clogging the operational database.

A typical data lifecycle

C R E A T E   operational   reference   archive   D I S C A R D

Key functionalities

Perform-Archiving

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

Perform-Compression

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

Shared features

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

Original data never deleted

Legal and fiscal requirements are met

Any NAV table handling

Customization, add-ons, base application

Design principles

Users confirm Archive-Tools are spot on. These design principles are the core fundaments of Archive-Tools. Originated as design goals, they made the SQL Perform team of experts rethink and redevelop the tools over and over again, to make them perfectly fit to the customer's needs.

Execution within same transaction

Rollback if an error is encountered

The power of undo

De-archive possible

Fast T-SQL execution

Compared to C/AL code in NAV

Dimension handling

All functionality retained

Linked table handling

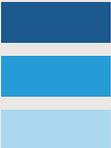Orphans are not there

Traceability-registers

History of archiving retained

Data visibility

Historic data anytime available

Benefits

✓ Get a solid performance boost of your SQL Server immediately

✓ Improve your data visibility

    + In your operational database, retain only the data you need to move forward

    + View historic data in the archive database

✓ Speed up processes and fasten response times

    + Faster drill downs in NAV

    + Faster reports in NAV

    + Faster backups

    + Faster maintenance

✓ Improved compliance for fiscal and legal requirements

    + Retain data for audit and detailed inspection

    + Cleverly maintain statutory data retention periods requirements

    + Traceability: keep registers of all archive runs

✓ No fear: un-do functionality to reverse to the original state in case of problems

✓ Lean Infrastructure

    + Requires less RAM and CPU power

    + Minimizes need for SQL Server data compression

Want to commit to business agility?
Contact us to start the process now.

About SQL Perform

How can we help you?

Whenever you experience performance issues of your Microsoft Dynamics NAV products on SQL Server, it is a good time to give us a (emergency) call. We support and assist you in ensuring the optimal running of databases. You can call for our help for anything: planning, implementation, installation and setup, proactive maintenance, training, problem solving and much more.

How we work (fast)

Because you want issues to be resolved fast, SQL Perform has developed a methodology that does exactly that. How it benefits you?

✓ Faster project time – so you can focus on your core business ahead of time

✓ Lower overall cost – you control your budget and keep overhead down

✓ Focus – you get the right solution: exactly what you need and want

✓ Minimum nuisance – you can be part of the development process, without taking you away too much from your day to day business

Why else work with SQL Perform?

✓ You work with a team of SQL and NAV specialists, each with a strong technical background

✓ You talk with experts that truly focus on the performance of NAV on SQL Server – 100% of their time!

✓ We are your one stop performance solution center, so you can ask us anything

✓ You can always count on our experience to find the solutions you really need

✓ Our customers and partners confirm they feel much more secure since working with SQL Perform

About SQL Perform

SQL Perform immediately sorts out critical performance issues of Microsoft Dynamics NAV products and other databases such as AX and CRM on SQL Server. A unique focus on these platforms creates a second to none customer service. We proactively take action to track bottlenecks and prevent escalation. SQL Perform delivers the expertise and the tools to fully optimize the performance of databases, to our customers in Europe, US and Canada. As a performance partner, we give our customers business a sustainable performance boost. Could your database use a boost?
www.sqlperform.com

Our specialties

1. Valuable hardware & software

l **Infrastructure planning:** We help you plan and size your environment in implementation or upgrade projects

l **SQL Installation and Upgrades:** Do you sometimes lose yourself in the jungle of licenses? Stop searching and simply ask an expert. We stand by you with advice and help with any upgrades procedures, more cost effectively than ever before. And exactly the way it should be done: adapted to your needs and not "Next Next Finish".

l **Performance-Labs:** We measure throughput and unveil bottlenecks via extensive testing services

2. Reliable Maintenance

l **Perform-Maintenance tool:** Ensure database efficiency and boost your performance by making use of a tool specifically designed for maintenance plans

3. Tuning

l **Perform-Analysis tool:** Find the most efficient and speediest resolution to system bottlenecks

l **Health Check:** We deliver you a 360 degree system review on performance, system efficiency and preventative care and a plan showing you how to approach performance bottlenecks

l **Performance-Tuning:** We get your system back on track in no time. We do application tuning on all products and code review on Dynamics NAV

4. Monitoring

l **Perform-Tracking tool:** Track your database in a reactive and proactive mode, changing the way you take decisions by gaining historical data insight and evaluating trends over time

l **Perform-Monitoring:** We keep track of performance to maximize availability and avoid downtime

l **Support Desk:** You can rely at all times on the SQL Perform Support Desk for ad hoc queries or immediate problem resolution

5. Business Intelligence

l We help you evaluate and optimize the impact of your BI solution on the overall performance of your database

6. Archiving

l **Perform-Archiving tool:** Archive years of business data while keeping it within reach and retaining only the data you need

l **Perform-Compression tool*:** Compress business data while automatically replacing it with new summarized data

(*) only available for Dynamics NAV products

How can we help you?

Whenever you experience performance issues of your Microsoft Dynamics NAV products on SQL Server, it is a good time to give us a (emergency) call. We support and assist you in ensuring the optimal running of databases. You can call for our help for anything: planning, implementation, installation and set-up, proactive maintenance, training, problem solving and much more.

SQL Perform

Powering your performance