

SUCCESS STORY N° 8



Ready for SAP® HANA

Datavard reduces database size by 25 percent

Springer Science+Business Media, a leading global scientific, technical and medical publisher, has reduced the database size of its global SAP® NetWeaver Business Warehouse (SAP® BW) by 750 GB using Datavard OutBoard™ for Housekeeping. The long data loading times had adversely affected day-to-day business op-

erations. Also a planned migration to SAP® HANA made it necessary to reduce the size of the database. With the Datavard tool, Springer was able to reduce the effort for data cleansing of SAP® BW, save 25 percent of the system size, and thus improve service to customers, authors and employees.

“We are impressed with how quickly we got effective results through the use of OutBoard™ for Housekeeping.”

Matthias Kicherer,
Springer Science+Business Media

OVERVIEW

Long data loading times interfere with day-to-day business

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Potential for optimization revealed

Half of system occupied by temporary data (page 3)

Convincing results

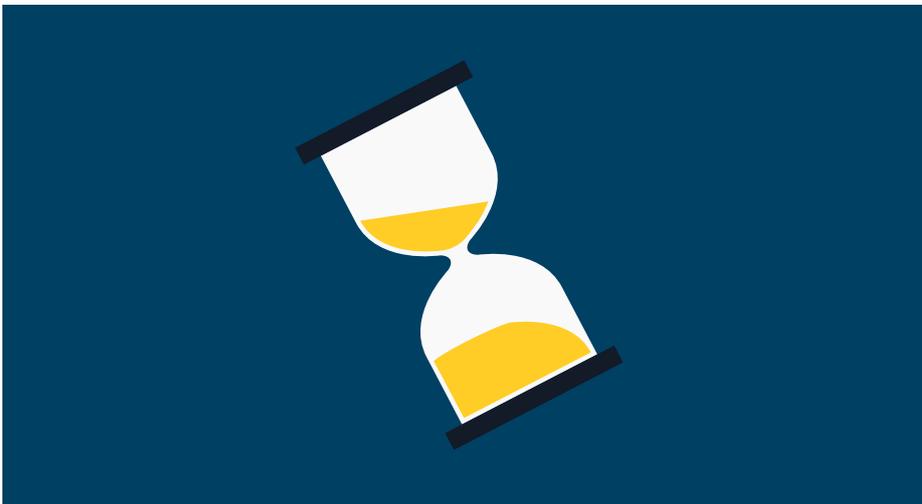
Ready for SAP® HANA (page 4)



DATAVARD

Long data loading times interfere with day-to-day business

Springer puts their BW system to the test



Springer Science+Business Media, a leading global scientific, technical and medical publisher is headquartered in Luxembourg as well as Berlin, Germany. The Springer Group has a global presence with over 7,000 employees in more than 100 publishing houses. It is crucial for Springer's business departments to be able to have company-wide access to the most recent data. Around 3,000 users from various business departments use SAP® BW for reporting and analysis. Springer plans to migrate the database onto the SAP® HANA platform within a short time.

Recently, load times for Business Intelligence applications took such a long time and lasted until the early morning hours of the following day. "We received increasing complaints from the business departments saying that no data was available for internal analysis," explains Matthias Kicherer, Head of Business Intelligence, IT Controlling and End User Support at Springer Science+Business Media. Sales reporting was especially affected by the long data load times as these reports are required in the early morning for the day-to-day business.

READY FOR MIGRATION TO SAP® HANA

In order to improve data load processes and be better prepared for the impending migration to SAP® HANA, Springer's IT department decided to check their Business Warehouse and evaluate potential areas for optimization. For this purpose, they used the BW Fitness Test™ from Datavard. The goals were to substantially improve data loading processes and reduce the overall system size. This became significant, especially in regards to the intended use of SAP® HANA, where system size plays a decisive factor in the cost of hardware.

BW Fitness Test unveils areas for potential improvement

Half of the systems resources are occupied by temporary data

The system analysis software tool with the Datavard BW Fitness Test™ revealed that 1308 GB of temporary data and logs occupied almost half of the system size. Additionally, in regards to cube compression and deletion of various logs it found significant areas for optimization. In a second step, the OutBoard™ for housekeeping was installed to allow data clean-up to be automated in the future. To keep the impairments in dai-

ly operations to a minimum, Matthias Kicherer decided to expunge



old data in a step by step process. Several areas of the database contained a lot of unnecessary data. Deleting them completely how-

ever, could have caused a potential delay in data processing. Firstly, this process is very complex due to the high number of individual objects, on top of this, some data cannot be easily erased. For these data, a simple way of archiving had to be made possible. By eliminating these repetitive activities, there is more time for the experts to focus on their core activities which ultimately results in increased employee satisfaction.

Automated housekeeping for SAP® systems

A quick and cost-efficient solution

Springer's IT experts found an optimal solution with the software and partner consulting company Datavard. The international provider of SAP® solutions in the area of SAP® restructuring, data management and systems management has developed Datavard OutBoard™ for housekeeping, a housekeeping solution for automated data cleansing activities. "When Datavard presented us with the solution, it was immediately clear that they know the topic very well and that we would

be able to manage our problem with the help of their application," explains Hilmar Vargas Anchieta, who is responsible for system housekeeping within the BW team. The tool automates and controls the handling of temporary data in SAP® systems, manages their provision or deletion controls and other measures to improve performance. The central cockpit of the application provides transparency and a complete overview of all housekeeping activities that have been executed.



Clean up with OutBoard™ for Housekeeping

Data cleanup was a big success

Using OutBoard™ for Housekeeping helped to eliminate 750 GB worth of redundant data. The IT experts from Springer praised the functionality of the OutBoard™ for Housekeeping software. Matthias Kicherer found the cockpit of the housekeeping solution particularly helpful: "Of course we regularly delete PSA data from the system. But we were missing the transparency in what we

were doing. The OutBoard™ for Housekeeping cockpit gives us this transparency and also allows us to easily communicate our status." Furthermore, the little time and effort needed to operate the software tool is resounding. The IT experts only use one day per month for housekeeping activities. Before they had the tool, less cleansing was done due to time restraints and a lack of trans-

parency. Housecleaning projects were significantly more time-consuming or there was the need to create new process chains for the cleanup activities.



DATAVARD
OUTBOARD™ FOR HOUSEKEEPING



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Convincing results

Ready for SAP® HANA

"With the help of OutBoard™ for Housekeeping we could achieve a 25 percent reduction of the system size with minimal effort."

Matthias Kicherer,
Springer Science+Business Media

Springer's IT experts agree that the use of OutBoard™ for housekeeping paid off. "We are impressed by how quickly we were able to achieve effective results,"

says Matthias Kicherer. "With the help of OutBoard™ for housekeeping we reduced the effort for housekeeping substantially and were able to obtain a 25 percent savings in size for our BW system. Now we stand well prepared for future activities like SAP® HANA which will improve service for our customers, authors and employees."



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information
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