

Preparing for migration to SAP S/4HANA

Consolidate IT landscapes, minimize data volume, decommission SAP systems



We connect
WORLDS

A photograph of a person performing a backbend (Urdhva Dhanurasana) on a rocky cliff edge. The person is wearing dark pants and is barefoot. The background features a stunning landscape with snow-capped mountains, a deep blue lake, and a clear sky. The text "We connect WORLDS" is overlaid on the bottom right of the image.

www.pbs-software.com

ST-ADDONS⁺

We connect WORLDS

“We connect worlds” means that we accompany you on your journey to the digital future. Here we take into account your concrete requirements and provide various scenarios.

We help you prepare all migration strategies. During an S/4 migration, PBS solutions help you to reduce the existing data volume, make legacy data available in S/4HANA, and decommission systems that are no longer used productively.

If you are planning a system conversion, our PBS archive add ons are a big help, as the archive add ons enable you to archive much more aggressively. With data archiving, your SAP database is drastically reduced, but your users are still able to use the transactions they normally require. The PBS archive add ons show the user both online and archive data. Another advantage: With the PBS archive add ons, you can easily access your data that is already archived in ERP from the new S/4HANA system. It is only necessary to modify the archive data if structural changes are made in S/4. This is easy to carry out subsequently with the PBS tool Archive Data Conversion.

Have you decided during the migration preparation that SAP systems no longer used productively won't be transformed to S/4HANA but instead decommissioned? PBS Enterprise Content Store (ECS) is perfect for fully decommissioning SAP systems: Powerful extractors ensure that the relocation of your legacy data is validated and in line with requirements. A PC-based tool enables convenient access to your data extracts. You no longer require an SAP system but still meet all the requirements of GDPR or the German GoBD directive.

Would you like to combine the mentioned approaches? With the PBS Nearline Analytic Infrastructure (NAI), you decommission multiple ERP systems that are no longer used productively and make their legacy data available in just one S/4HANA system. With PBS NAI, you write the data from the legacy systems directly into a nearline database. After connecting the nearline DB to one or more S/4 subsequent systems, you can analyze the ERP legacy data from S/4 via queries or adjusted transactions and reports. This NAI ERP archive can contain all legacy data, irrespective of whether you archive your data in SAP.

„A system is a whole. Each part is connected with the others in such a way that any change results in a global change.“

Virginia Satir

Scenario 1:

Conversion of system with transfer of existing processes and data, including all already archived historical application data

Scenario 2:

Redesign and new implementation of an S/4HANA system

- Transfer of necessary company data for a go live
- Decommissioning of ERP system

Data is accessed via a **non-SAP application**

Scenario 3:

Redesign and new implementation of an S/4HANA system

- Transfer of necessary company data for a go live
- Decommissioning of ERP system

Data is accessed in **S/4HANA** through a **PBS Nearline solution**

Conversion of system with transfer of existing processes and data in S/4

Scenario 1

To benefit from the innovations in S/4HANA, SAP customers must tackle the challenge of converting their existing SAP system landscape.

And this requires much more than upgrading to a new release. Harmonizing functions and simplifying data models makes it necessary to review and adjust a large number of business processes. But to operate this new infrastructure cost-effectively, it is necessary to reduce the data volume of the existing ERP landscape in the course of the system conversion.

Successful migrations to SAP S/4HANA call for well-thought-out data management that minimizes the time needed for technical migration while supporting smooth, trouble-free transfer of all relevant ERP data.

This is where PBS archive add ons, combined with SAP data archiving, contribute significantly to minimizing costs by ensuring seamless access to archived application data in both the ERP and SAP S/4HANA environment. Thanks to archiving, there's nothing stopping data volume from being drastically reduced.

Oversizing Can Be Avoided

To prevent data loss, during the system conversion the customer's data from the old system is stored both in the new data models and in the obsolete tables of the SAP ERP system.

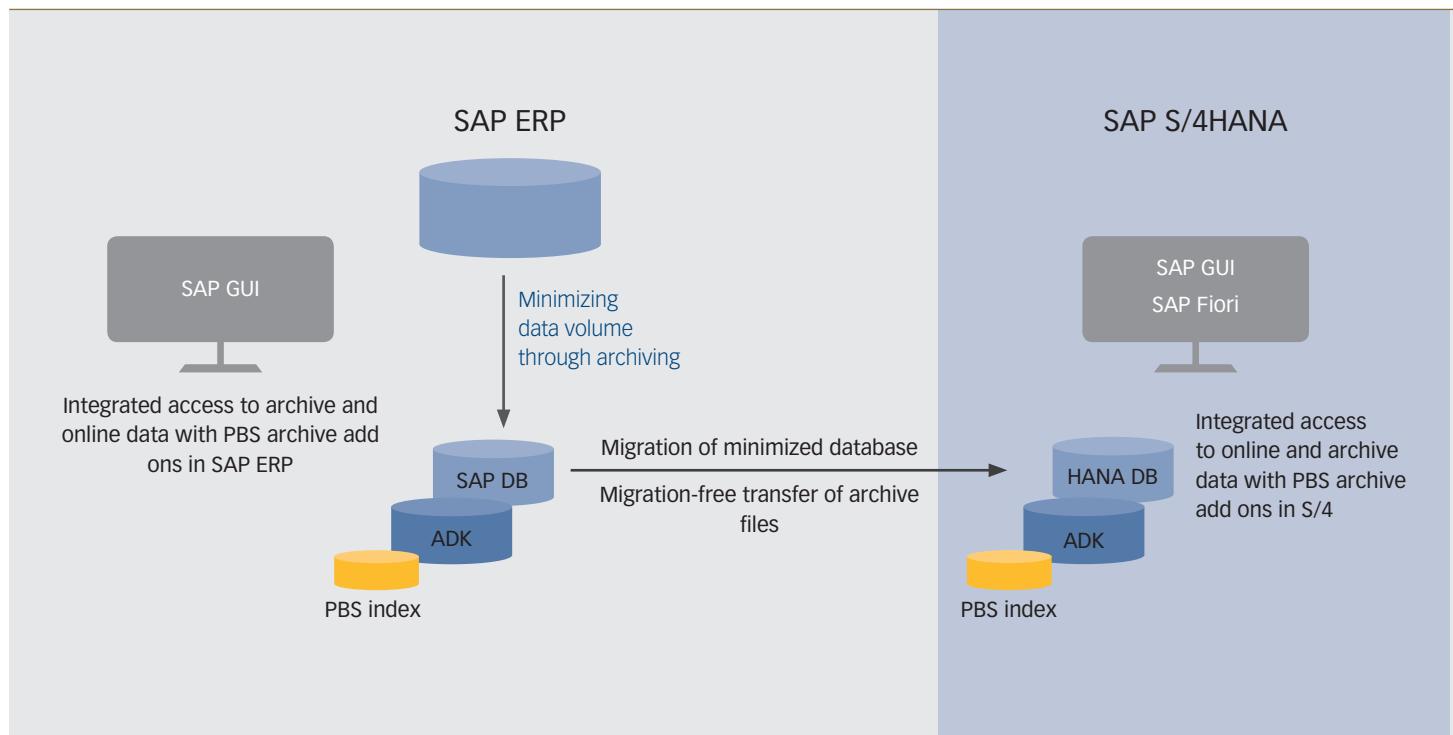
This data duplication carries the risk of costly oversizing of the target system. Deploying SAP data archiving in the ERP environment systematically counteracts this at an early stage. One positive side-effect of this approach is the significant reduction in the time required to convert the data.

Meeting Regulatory Requirements

That is why many SAP customers use PBS archive add ons to seamlessly integrate archived application data into the business processes of their ERP system. This also enables full compliance with domestic and foreign regulatory requirements for data access via the SAP system or through data extraction.

PBS archive add ons ensure unrestricted access to ERP archive data even after a successful transition to SAP S/4HANA.

Easier Transition Thanks to Archiving



Accessing data via a non-SAP application for redesign and new implementation

Scenario 2

When redesigning an SAP landscape, you can plan which SAP systems migrate to S/4 and determine whether individual systems can be decommissioned.

A crucial prerequisite for decommissioning is to ensure long-term access to the legacy data. PBS Enterprise Content Store (ECS) is a lean and cost-effective standard solution for system decommissioning – and a valuable alternative to SAP ILM. You can, of course, carry out very large-scale decommissioning projects with SAP's solution, but only on condition that you continue to run SAP applications such as ERP and BW. The Enterprise Content Store, by contrast, lets you reduce your costs significantly, as there is no need to run an SAP system to access the data after decommissioning..

Transparent Data Access with no SAP System

PBS offers powerful extractors for validated relocation of your legacy data. Depending on your project's requirements, you can choose between an extraction according to commercial or technical criteria.

The ECS solution from PBS gives you PC-based transparent access to the extracted data and allows you to maintain it based

on your requirements. That means you can display and filter the extracted data with GDPR-compliant access protection. You perform analytics using special-purpose data views.

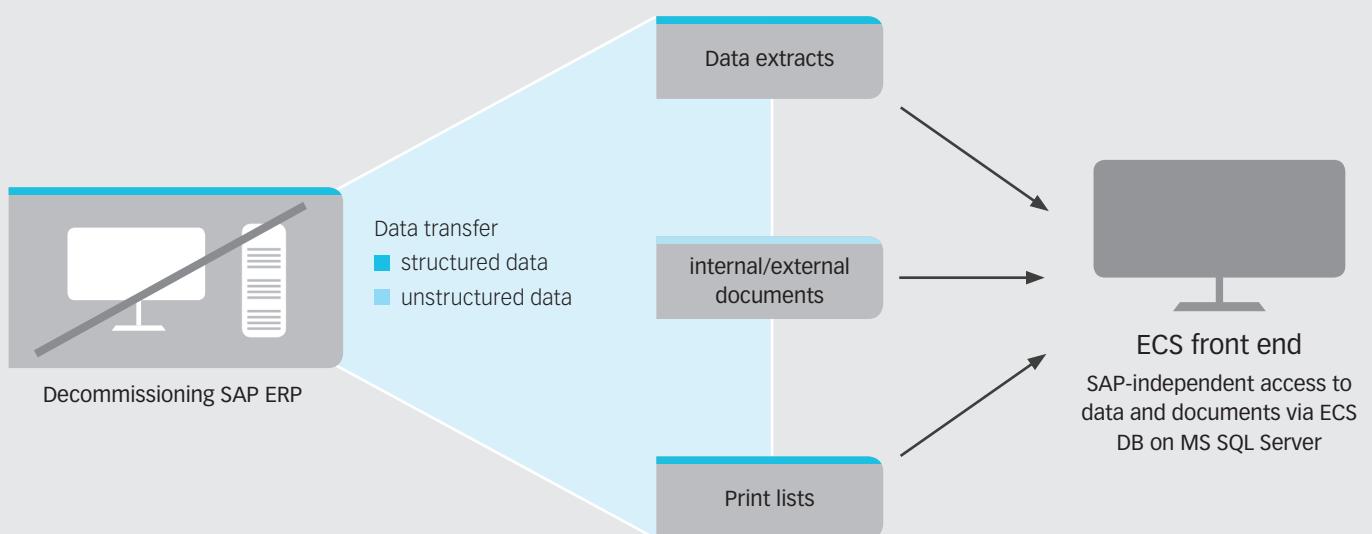
A key benefit of the solution is easy-to-use functionality for SAP data handling and analysis. As a result, even non-SAP users can carry out data queries without any problem.

Extracted Data is Simple to Process

ECS not only displays data from SAP systems, but also makes it simple to process, for many different purposes. The data stored in ECS can be processed in AIS format and made available to the tax authorities in the required format.

That way, you can optimize your data for an upcoming tax audit at any time, to ensure that it is error-free and relevant. Document displays similar to the SAP standard are provided for data research.

For analytics purposes, you can use predefined views for SAP data analysis, or a BI reporting tool. One of the special features offered by the ECS is the export of analysis results in various data formats (such as Excel or SAP AIS), enabling you to employ the analytics tools of your choice.



Data access in S/4HANA via the PBS Nearline Analytic Infrastructure

Scenario 3

A number of companies using SAP transform multiple ECC/ERP systems into one or multiple S/4HANA systems. However, for legal and internal business reasons, you must retain data from earlier applications for statutory reporting and further analysis.

Access and Evaluate Legacy Data in S/4HANA

The smart solution approach here is for the relevant legacy data from multiple legacy systems to be replicated into a nearline database. Direct access to the ERP legacy data is then possible from any connected system, rendering access to the ERP system obsolete.

With the PBS solution Nearline Analytic Infrastructure (NAI), it is essentially possible to connect multiple distributed ECC/ERP systems to S/4HANA. A powerful extractor writes the ERP data, and associated Customizing settings, straight to the NAI database.

This way, the ECC/ERP legacy system is no longer required as the NAI solution immediately provides the data for analysis through the adjusted transactions, reports, and queries in S/4HANA. The advantage of this data retention concept is clear:

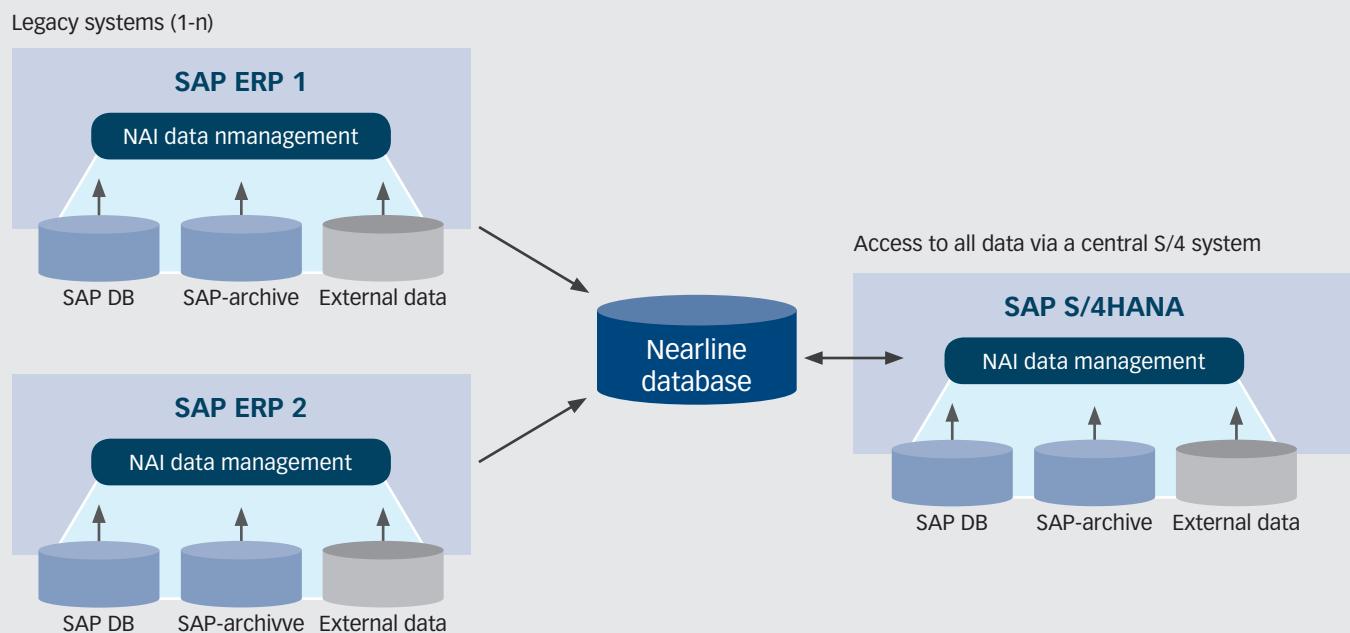
S/4HANA isn't burdened with legacy data. At the same time, it ensures that the performance of an S/4HANA system always remains constant.

The selected process also brings other benefits. Thanks to the additional NAI data management services, The NAI database can also be used for data newly created in S/4, reducing the load on HANA DB. Other NAI functions supplement data archiving processes for new data created in S/4

Implement Your Migration Approach with PBS

Have you defined your migration strategy? As a service, we are happy to put you in touch with our authorized reseller ST-ADDONS. With their valuable expertise, ST-ADDONS can give you advice about the functionalities and how to get the most out of PBS solutions. We allow you to test out our solutions in your infrastructure free-of-charge for two months.

During the test phase, you can make use of the in-depth knowledge of our development team and hotline.



PBS Software GmbH

Big-name customers in Germany and abroad have been successfully deploying PBS solutions for more than 25 years. PBS Software GmbH is internationally recognized as a proven expert in complex, integrated access to online, archived and external data.

As a leading provider of SAP add-on solutions, we boast a portfolio of outstanding solutions that enhance the performance of your SAP system by significantly reducing the load on the primary database and providing even large amounts of data in seconds for complex analyses.

Prior to S/4 Migration: Minimize Database Size

The PBS portfolio of data archiving, management, and analysis products is specifically designed to help our customers to reduce the operating costs of SAP systems with large data volumes, and increase user satisfaction at the same time. In the context of S/4HANA migrations, PBS solutions support a range of system consolidation and decommissioning scenarios – in full compliance with the tax and data protection requirements of the GDPR and the German GoBD directive.

A Safe Investment, Deployable Fast

Our solutions are continuously developed and enhanced, and are closely aligned with SAP standards. As a result, all of our software products are a safe investment and integrates into existing SAP landscapes quickly and easily. PBS software is thoroughly compliant with SAP standards, which means it can be deployed effectively without additional user training.

PBS solutions are certified by SAP. PBS Software is an SAP PartnerEdge – Build program partner.

About ST-ADDONS B.V.

ST-ADDONS has as its mission to assist SAP users with solutions to utilize their existing SAP™ investments more efficiently and more clever. Hereto ST-ADDONS uses SAP certified software products that have been implemented worldwide with thousands of customers to their complete satisfaction. ST-ADDONS B.V. was founded in 2003 by Etienne Stouten, since 1983 one of the first in The Benelux to have been actively involved with SAP, amongst others as one of the co-founders of SAPNederland. He has ample experience with several SAP developments and applications and has an excellent knowledge of the Dutch SAP market. ST-ADDONS may contribute in the identification of solutions with the help of software related to SAP maintenance, the archiving of SAP data, the shutdown/consolidation/splitting of SAP systems and many other applications. Many of our products are SAP administrator and user oriented to make their lives easier, to reduce the costs, and to optimize the maintenance or use of SAP.

ST-ADDONS*

ST-ADDONS B.V.
Meidoornlaan 13
5248 AJ Rosmalen, Netherlands
Phone: +31 6 53527525
st-addons.nl
info@st-addons.nl

Interested??

Then simply mail us at
info@st-addons.nl
We will be happy to provide you with personal advice or present the solution to you in a webinar.