

# Migrate to SAP S/4HANA Smartly and Efficiently with PBS archive add ons



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# Management Summary

SAP S/4HANA provides a state-of-the-art ERP suite based on in-memory technology and designed to meet the needs of digital transformation. For SAP customers, the associated conversion to SAP S/4HANA provides technological and economic challenges that should not be underestimated.

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

This is where PBS archive add-ons contribute significantly to minimizing costs by ensuring seamless, migration-free access to archived application data in both the ERP and SAP S/4HANA environment.

## PBS archive add-ons

To enable user-friendly access to all archive and online data, PBS Software offers add-on solutions for SAP data archiving that you can deploy immediately. They closely match the relevant SAP modules and enhance standard SAP transactions and SAP reports by providing optimized archive access.

PBS archive add-ons ensure that data from the legacy system can be displayed and evaluated alongside new SAP S/4HANA and application data.

What's more, they enable straightforward data extraction of the kind needed for transfers to data media for audits and tax audits, for example.

PBS archive add-ons are standard software solutions, implemented entirely using tools from the SAP development environment.



The screenshot shows a Gartner Peer Insights review for 'Archive Add Ons'. The review is dated August 24, 2017, and is from a Project Manager in the Communications Industry. The reviewer gave a 5-star rating. The review text states: 'The software is running reliable. So, we don't need much support. But any time we contact the vendor, we got th needed information and support immediately. The support is very competent, patient and kind. Due to the reliability we will have a look on the other products of the vendor and especially to their support team. Also we will consider this purchase in our...'. The reviewer's role is 'Infrastructure and Operations' and the company size is '30B + USD'. The review title is 'Reliable and easy to implementing software, supported very well by the vendor'.



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“If you don’t know where you’re going, you will probably end up somewhere else.”

Laurence Johnston Peter  
and Raymond Hulli Rometty,  
The Peter Principle

## Why Would You Move to SAP S/4HANA?

Today’s ongoing digital transformation impacts all corporate units that help meet the demand for innovations and new business models by providing an agile IT infrastructure.

That is why transitioning to SAP S/4HANA is a key component in a sustainable IT strategy for many companies.

The main innovations in the next-generation SAP Business Suite are:

- A state-of-the-art (high-speed) database platform → SAP HANA
- A new, up-to-date user interface → SAP Fiori
- A simplified data model
- Integration of new application scenarios and real-time analyses

To benefit from these innovations, 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.

The introduction of in-memory technology powered by SAP HANA has enabled application processes to be significantly optimized. But to operate this new infrastructure cost-effectively, it is necessary to reduce the data volume of the existing ERP landscape in the course the system conversion.

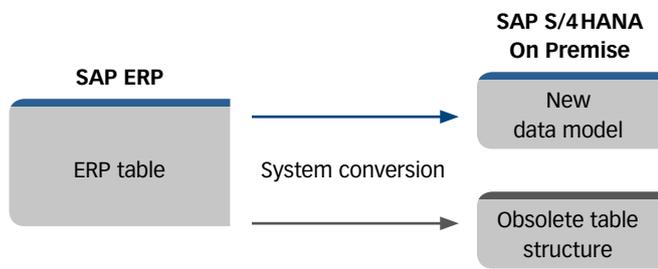
### Highlights – PBS archive add ons

- Preparing for migration to SAP S/4HANA
- Seamless, fast access to SAP database and archive data
- Same look and feel as the SAP standard transactions and reports
- Cost-effective, modular solution for all key SAP modules



## Data Redundancy as a Result of Migration

Improved data compression considerably reduces the memory footprint for application data in SAP S/4HANA compared to a conventional SAP ERP system. But there are limits to this during the conversion because the customer's data in the legacy system must be duplicated to prevent data loss. The data is stored both in the new data models and in the obsolete tables of the SAP ERP system.

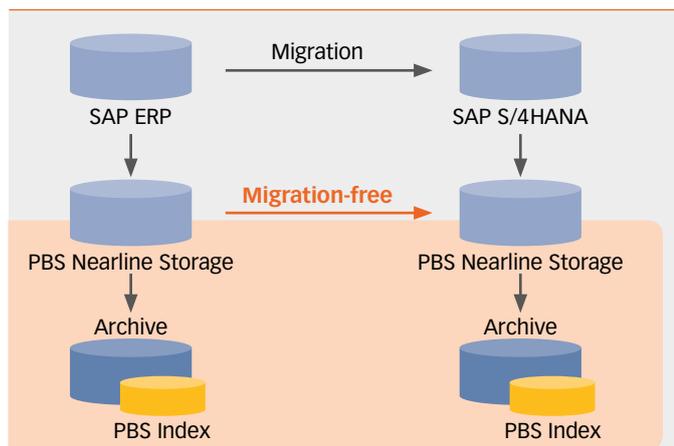


## Archiving Eases the Transition

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. That is why many SAP customer 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



## Seamless, Migration-free Access to ERP Application Data

Preparing such a system conversion, technical migration is not required for archived application data indexed by PBS archive add ons. The PBS archive add ons ensure that the ERP process data from the legacy system can be displayed and analyzed in the application alongside data from SAP S/4HANA.

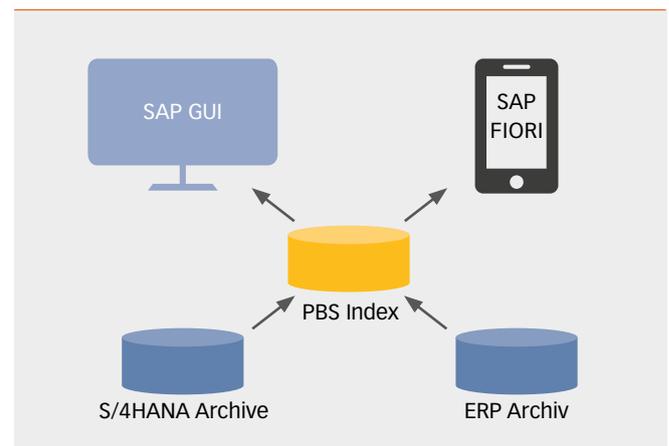
## Archiving Concept under SAP S/4HANA

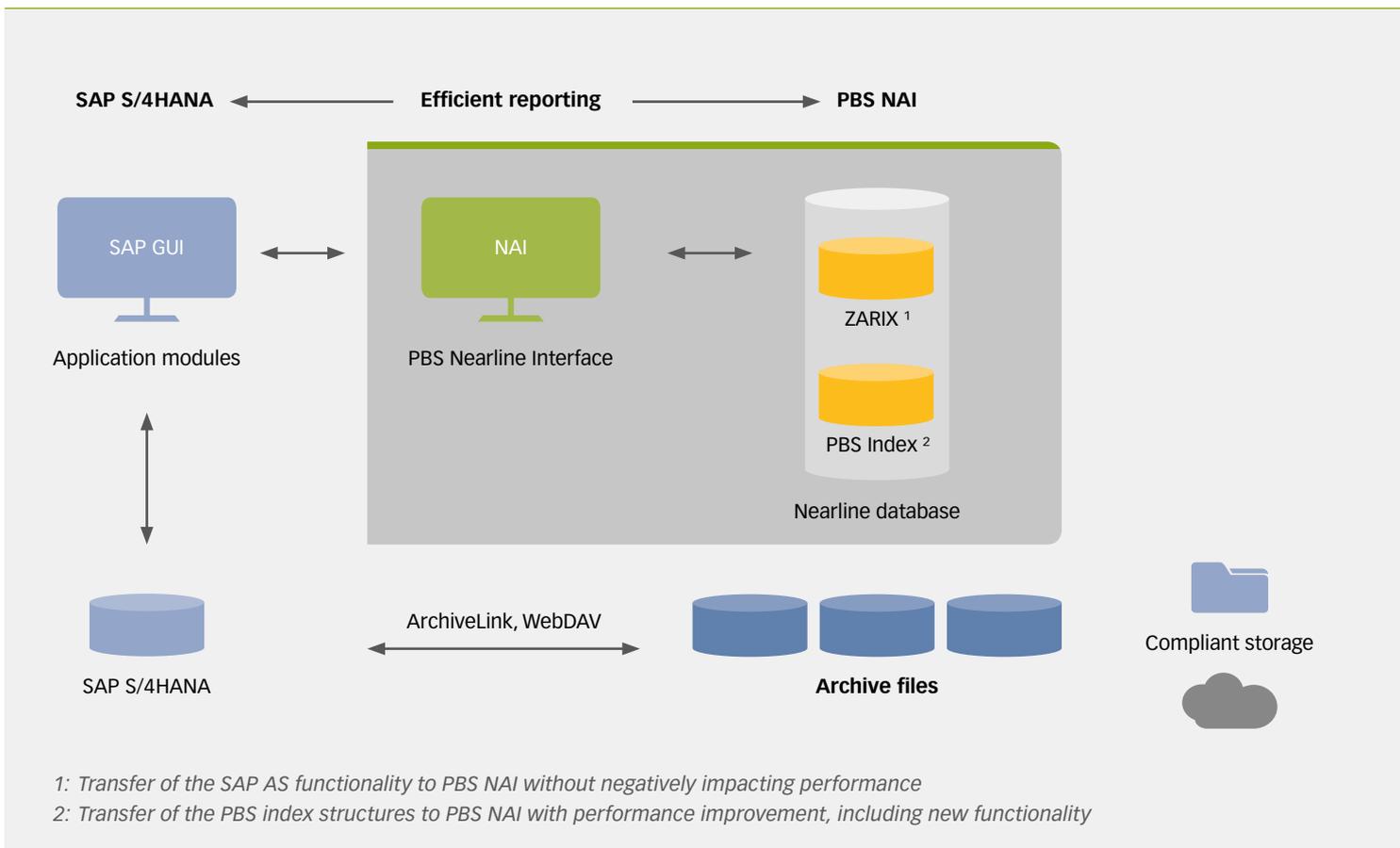
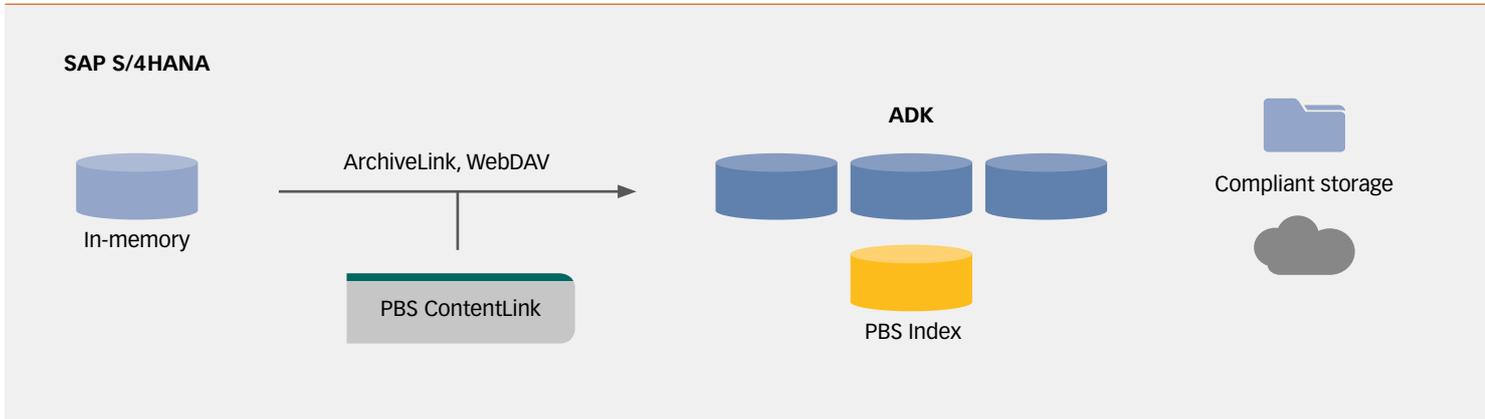
As of Release 1610, the proven archiving functionality has been available for many SAP S/4HANA applications. Legal frameworks, such as country-specific retention provisions or the EU General Data Protection Regulation (EU GDPR), require documents and data to be retained in an unchangeable format and systematically deleted at the end of the retention period. A well-thought-out archiving concept therefore remains an indispensable central component of active data management. PBS archive add ons ensure that application-specific data access is maintained right through to end of life.

## SAP S/4HANA Enhancement for Data Management

To evaluate the archived data and the SAP S/4HANA data at a similar speed, fast PBS Nearline Storage is extremely useful. Systematically archiving the SAP S/4HANA data and transferring it to PBS Nearline Storage reduces SAP HANA operating costs significantly. In addition, the SAP AS Archive Information System can likewise be optimized by transferring its index data to the PBS Nearline Storage. What's more, integration into the PBS Nearline Storage enables external data to be easily incorporated into SAP processes

### Seamless Access to Archive Data





### Benefits for PBS Customers

PBS's network of experienced archiving consultants with wide-ranging expertise, plus targeted deployment of the PBS product portfolio contribute significantly to minimizing the time and costs involved in migrating to SAP S/4HANA. Attractive conversion discounts for PBS archive add ons in the SAP S/4HANA environment enable customers to gain a rapid return on investment and deploy future-proof technology. Specifically for new customers, PBS offers a so-called QuickCheck of the SAP database as well as test versions of all its software solutions. This service is free of charge – so take advantage of the opportunity to experience the quality of PBS software for yourself today.

## PBS Software GmbH

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PBS Software GmbH is a leading provider of add-on solutions for SAP systems in the areas of information lifecycle management, data archiving, data management, nearline storage and compliant data storage, as well as data extraction and system decommissioning.

For more than 25 years, well-known local and international customers have been successfully using PBS solutions in numerous installations. Globally, PBS Software GmbH is a recognized expert for complex, integrated access to "hot", "warm" and "cold" data. With its innovative nearline storage solutions, PBS improves the analysis options for very large data volumes (big data) and is ideally positioned for current and future requirements in the SAP space. PBS solutions are certified by SAP and PBS has been SAP partner for many years (currently in the SAP PartnerEdge Build program).

### Interested?

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Then simply mail us at [info@pbs-software.com](mailto:info@pbs-software.com). We will be happy to provide further details or present our solution to you in a dedicated webinar.



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