



Elegant access

Display & analyze ERP legacy data in S/4HANA



The new solution:

PBS NAA



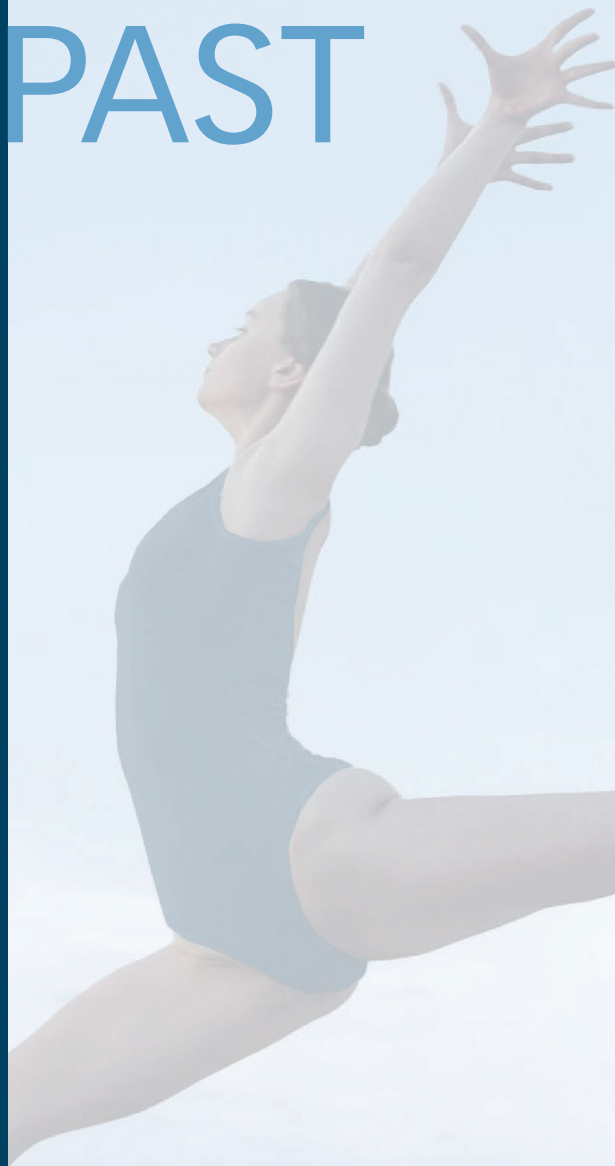
Prepare the FUTURE keep the PAST

Would you like to display and analyze ERP legacy data in S/4?

Presenting PBS NAA: an entirely new concept that allows you to retain access to ERP data even after switching to S/4HANA, saving on license fees or operating costs. The business context is also retained and can be evaluated in S/4 using transactions, queries, or reports. PBS NAA is essentially a sidecar solution.

It facilitates the importing of legacy data (DB + archive) from one or more ERP systems into a nearline database. All data – customizing, master, and transaction data – is imported in the process. This means that even small and medium-sized enterprises are able to retain their ERP data in its original format for S/4 without burdening the new HANA database.

It also paves the way for the phasing out of existing ERP systems that have reached the end of their useful life. All you require is a current S/4HANA system to which you can easily connect the NAA nearline database. From this S/4, you then access the legacy data using familiar, customized SAP standard transactions..





The neat and economical way to access legacy data in S/4HANA!

What's behind it?

PBS' SAP add-on solutions have long been known and trusted by our customers. When planning a S/4HANA migration, the big questions for most enterprises are

how to take care of the ERP data and how best to store legacy data? Our new PBS NAA solution offers you a valuable tool for::

- Accessing ERP legacy data directly in S/4HANA without placing any extra burden on the HANA database.
- Consolidating system landscapes or decommissioning SAP systems without undue expense.

PBS NAA allows you to retain all of your ERP data and keep it close at hand for your S/4 system.

How are the data transferred from the legacy system?

To give you continued access to all of your legacy data, PBS NAA extracts the data into a nearline database (SAP IQ, IBM Db2 or Microsoft SQL). The extraction process is closely monitored and validated, guaranteeing a complete transfer of all data. Once the process is finished, you have access to all of your customizing, master, and transaction data. The nearline database is easy to connect to your new S/4HANA system. Standard scripts simplify the installation process, ensuring minimal effort.

How do you access legacy data in S/4HANA?

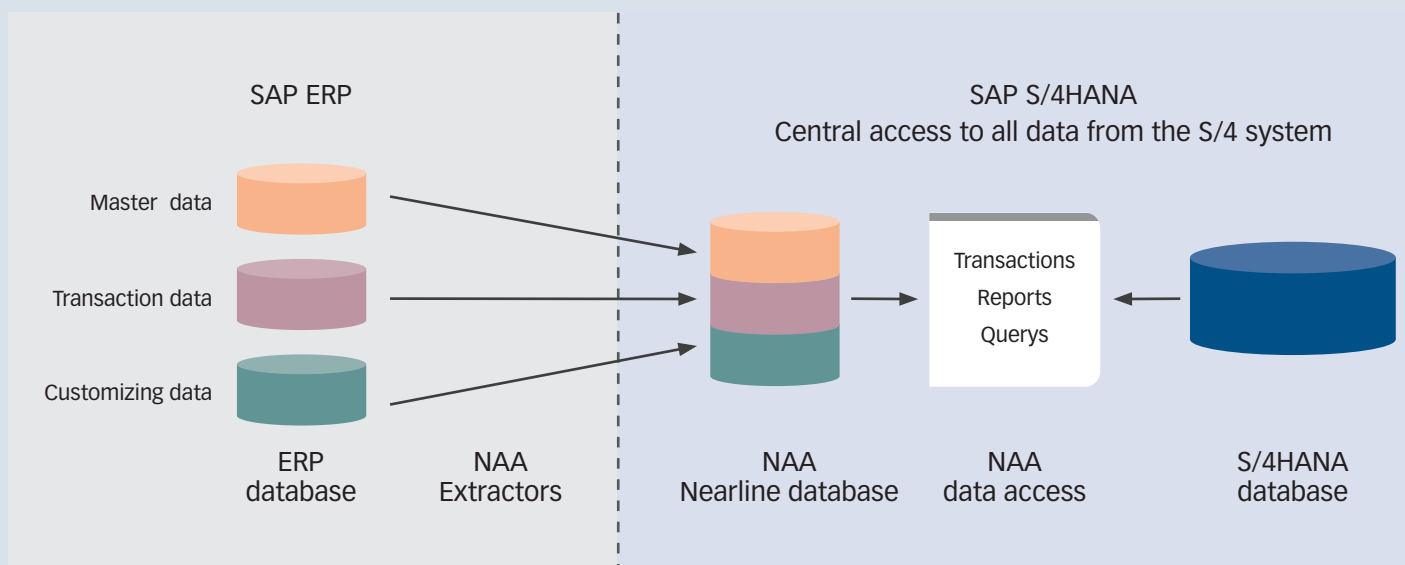
You access the legacy data from your S/4 system using your familiar, customized SAP transactions. A particularly neat feature is that your data are displayed just as they were in the original ERP system because your existing customizing is also copied over. You can also view and analyze all data with generic queries.

If you want to restrict access, use the SAP authorization concept in S/4. If necessary, you can define these authorizations in more detail in PBS NAA.

Data archiving? The decision is yours!

If you have a large volume of data, regular archiving will help you optimize performance and minimize the size of your database. This is true both for ERP and S/4HANA. PBS NAA also supports the transfer of archived ERP data..

Fig.1: Schematic of the PBS Nearline Analytic Archive (PBS NAA))



Retain the business context

Clarity and transparency of historical data

Since PBS NAA displays all master and transaction data in their original form, you can keep a clear overview of past transactions. With PBS NAA, all data are kept entirely in the original structure, which means that the information is displayed correctly in its temporal context. This is also the case for all customizing and master data.

Say you would like to decommission an ERP system that has come to the end of its useful life and you are under a legal obligation to retain pension-related data, for example, for a period of 30 years. With PBS NAA, you can view salary statements as they originally looked at the time the system was decommissioned.

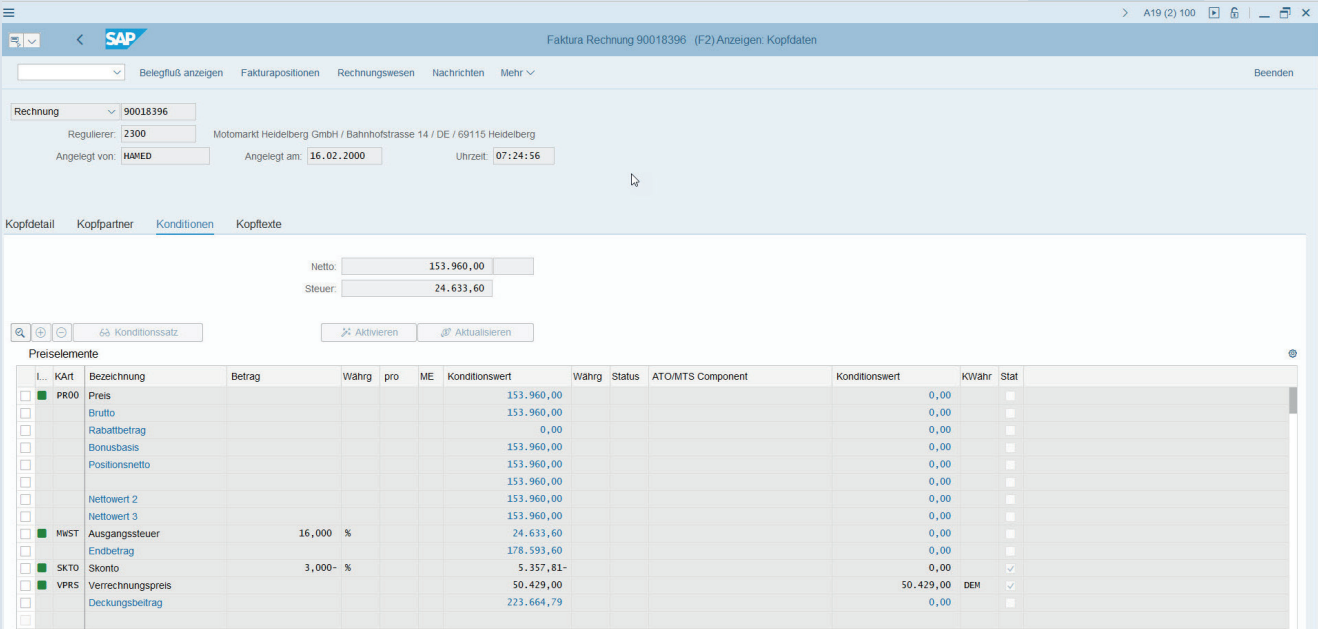
The special thing about this is that, to access the data from legacy systems, you use transactions that have the same structure as your familiar transactions. This means there is no need for any training.

In addition to the transactions and reports, it includes a query tool for creating complex queries at the click of a mouse. Even vast amounts of data can be analyzed highly efficiently thanks to the nearline database's column-based format.

Special requirements? – The interface

Use the NAA programming interface if you want to customize existing custom programs. The ABAP API is a universal interface. It makes it easy to provide encapsulated access for selecting individual tables or joins. Customized programming is therefore a piece of cake.

Fig. 2: Displaying ERP data in S/4HANA with PBS NAA



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		Endbetrag					178.593,60						0,00	
	SKTO	Skonto	3,000	%			5.357,81						0,00	
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Consolidating complex IT landscapes and combining legacy systems in one S/4

Multiple legacy systems under one roof in S/4

In some enterprises, multiple ERP systems are to be migrated to one or more S/4HANA systems. With PBS NAA, you can connect the data from multiple legacy ERP systems to a new S/4HANA system. Although these legacy ERP data are stored together in a physical nearline database, they are logically separate. You can directly access legacy system data from the current S/4 system.

Scalable for future requirements

PBS NAA is completely scalable and can be extended as required. Once you have fully acquainted yourself with and come to appreciate PBS NAA, you will find many other potential uses for your S/4 data. To relieve the burden on your HANA DB, you can extend the license to also use the intelligent data management services for new data in S/4.

GDPR and GoBD compliance

Integration with the SAP authorization concept means that PBS NAA is fully compliant with regulatory requirements such as the General Data Protection Regulation or GoBD.

Summary of the Highlights:

- Legacy data: Provided in S/4 – without losing the business context
- Data analysis: Transactions/reports, ad-hoc queries, programming API
- Data protection: Supports the SAP authorization concept
- The perfect preparation for ERP system decommissioning
- Simple installation: Minimal resources and administration required, monitoring

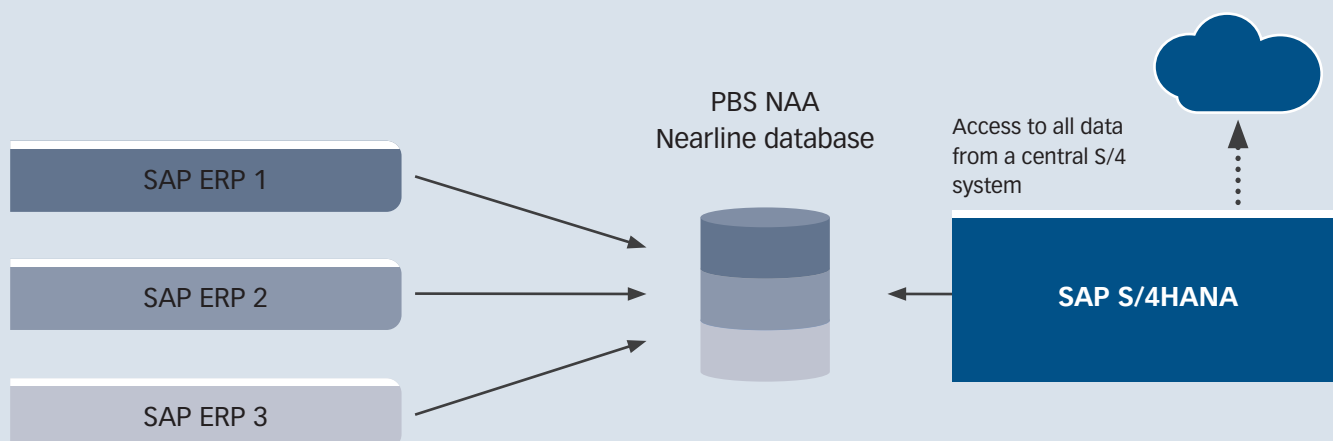
Availability:

Source system: ERP ECC 6.x, SAP CRM, SRM and others
Target system: S/4HANA 1610 and above
Licensing: Volume- and user-based

Product availability: Q1/2020

Fig. 3: Consolidation of multiple legacy systems in S/4HANA

Legacy systems (1-n)



PBS solutions have been in successful use at world-renowned customers for more than 25 years. PBS Software GmbH is therefore internationally regarded as an expert in complex, integrated access to online, archive, and external data. As a leading provider of SAP add-on solutions, our portfolio offers outstanding solutions that increase the performance of your SAP system by significantly reducing the load on the primary database, and are able to provide even vast amounts of data for complex analysis in a matter of seconds.

Before the S/4 migration: Minimize your database size

The PBS product range centers around data archiving, data management, and data analysis and is dedicated to helping our customers reduce the costs of operating SAP systems with high data volumes while increasing user satisfaction. As part of the S/4HANA migration, PBS solutions support many scenarios for system consolidation or system decommissioning in full compliance with the fiscal and data protection requirements of the GoBD and GDPR.

A sound investment with minimal implementation

Due to continuous development and the close alignment of our solutions to SAP standards, all software products can be integrated swiftly into existing SAP landscapes and represent a sound investment for the future. Close alignment with SAP ensures that no additional user training is required for effective use.

PBS solutions are certified by SAP. PBS Software GmbH is a partner in the SAP Edge Build program.

Interested?

Simply e-mail info@pbs-software.com. We will be happy to advise you in person or present the solution in a webinar.



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