



# Elegant access

Display & analyze ERP legacy data in S/4HANA



## The new solution:

# PBS NAA

ST-ADDONS<sup>+</sup>

# 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?

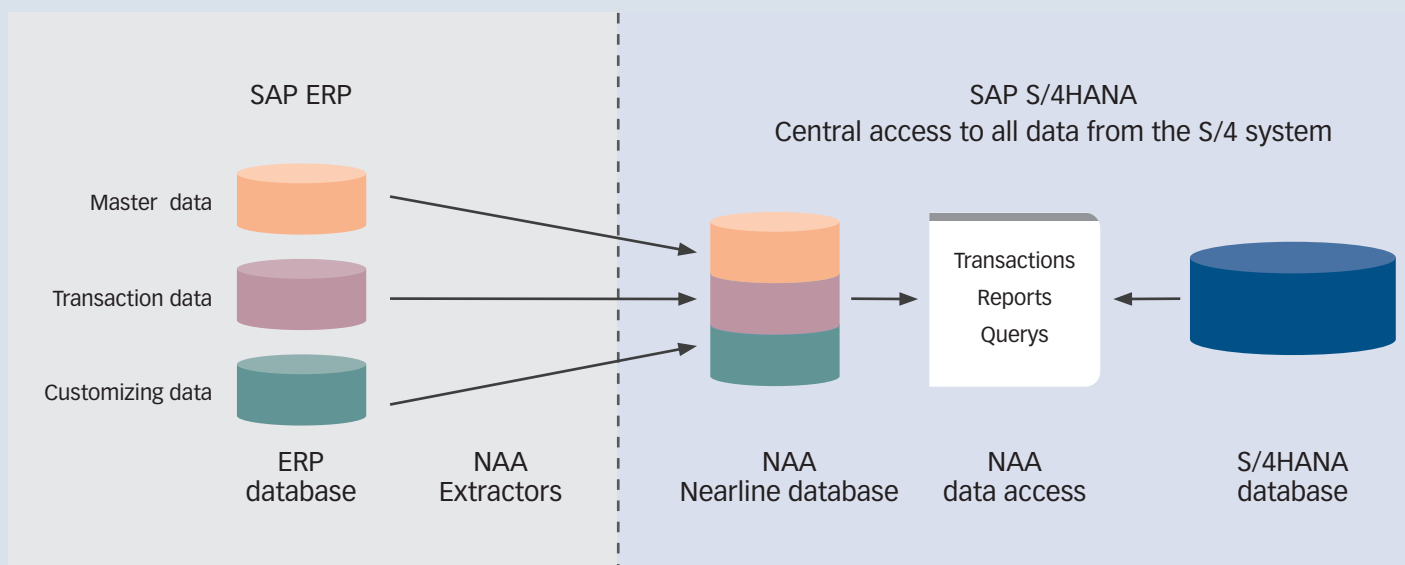
You access the legacy data from your S/4 system using your familiar, customized SAP transactions. A particularly neat feature is that your data are displayed just as they were in the original ERP system because your existing customizing is also copied over. You can also view and analyze all data with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

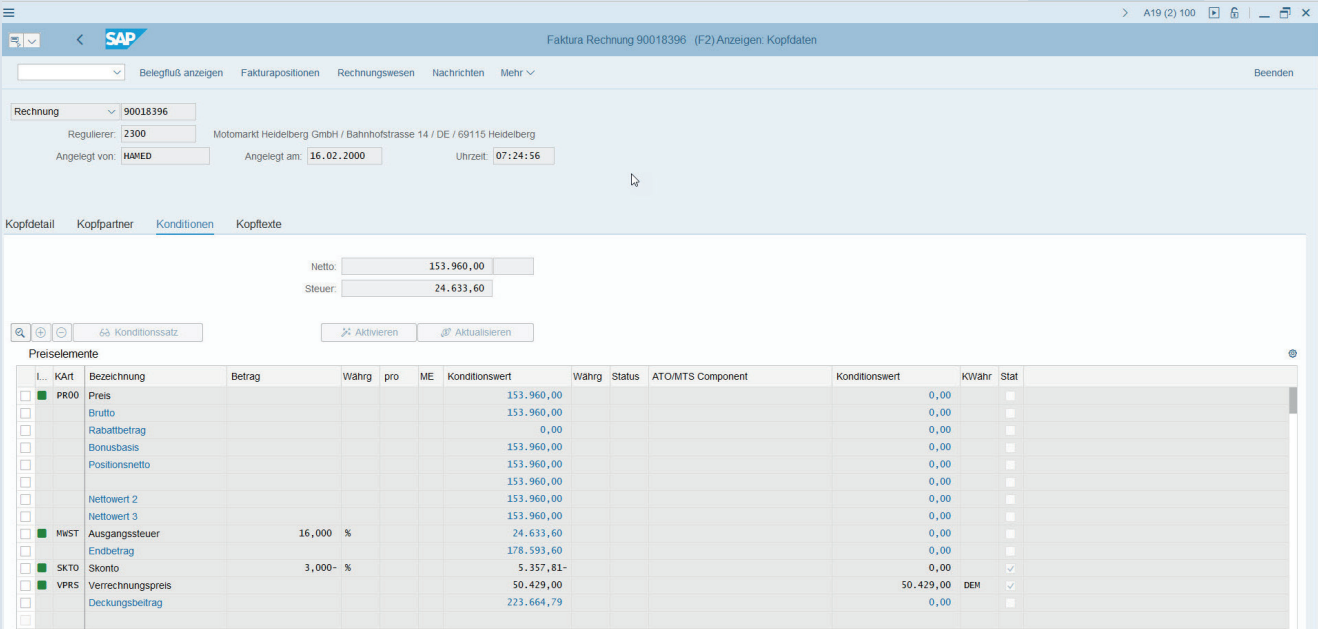
The special thing about this is that, to access the data from legacy systems, you use transactions that have the same structure as your familiar transactions. This means there is no need for any training.

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	
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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

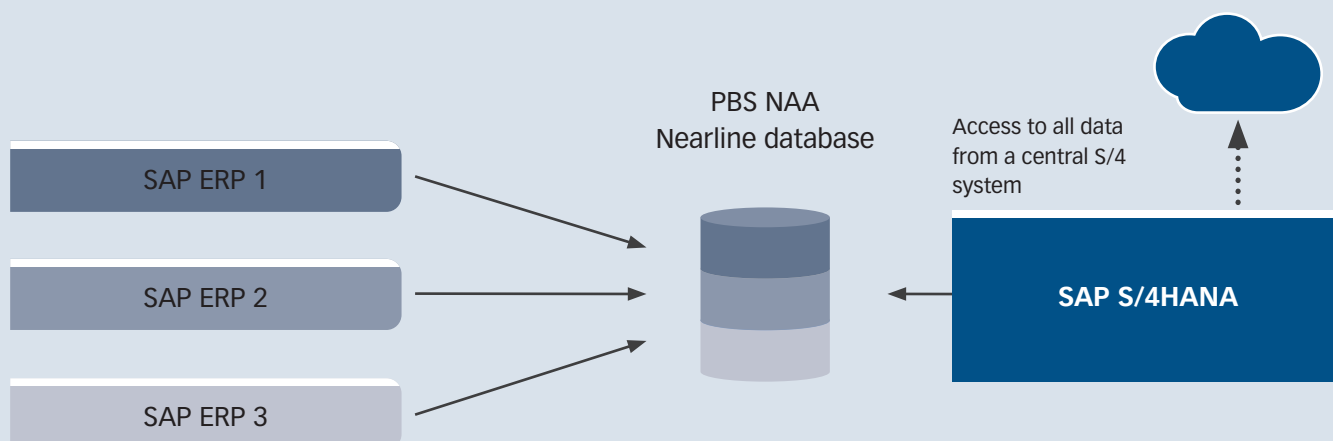
## Availability:

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 Software GmbH

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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.

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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\***

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### **Interested??**

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

