

# Tame the Data Demon

PBS add-on solutions improve  
SAP® environments



## Reduce SAP operation costs

- Shrink the data footprint
- Control the data growth
- Prepare for a migration to SAP S/4HANA

## Shrink the data footprint

## Control the data growth

Prepare for a migration  
to SAP S/4HANA


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# ST-ADDONS<sup>+</sup>

“Information is the oil of the 21st century, and analytics is the combustion engine.”

Peter Sondergaard, Gartner

## Tame the Data Demon

**When running an SAP system, you face a lot of challenges every day: Do you still have the right concepts for information lifecycle management and data archiving? Is your data retrieval performance still appropriate? Have you included audit requirements and a migration to SAP HANA into your plans? At the same time your SAP database grows rapidly, users complain about poor response times, the backup runs slowly, and so on, ...**

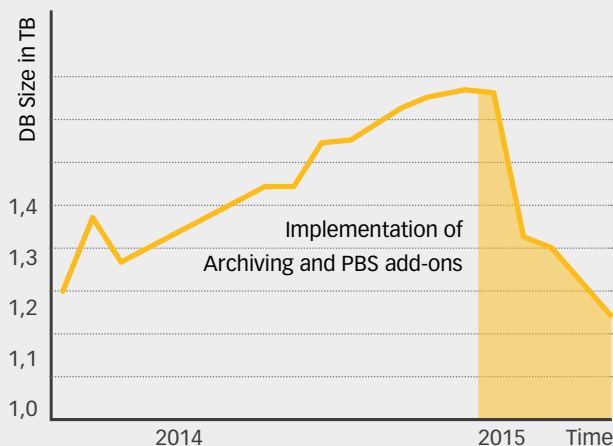
**PBS software solutions cover these requirements easily at lowest costs!**

For more than 25 years, PBS has been offering a large portfolio of add-on solutions for SAP users. With the well-proven PBS products, you can improve your SAP system resources significantly, minimize TCO, and avoid system bottlenecks.

Many well-known global brands are using PBS software successfully in the area of SAP data archiving, information lifecycle management, nearline storage (NLS) and compliant data storage. Additionally, PBS offers solutions to meet audit requirements and SAP system decommissioning.

As a long-term SAP partner and a current member of the SAP PartnerEdge Build program, we regularly have our solutions get certified by SAP. Our team consists of highly qualified SAP experts, who are constantly improving the scope of our software. The quality and accuracy of our products are assured by implementing the latest software technologies and secure your investment for the future.

### Database improvement with archiving and PBS



**12 PBS archive add ons installed**

**Saved 500 GB+ in just 3 months**

**Data and documents compliantly stored with PBS ContentLink.**

*Hundreds of customers world-wide have been benefitting from PBS archive add ons for more than 25 years. SME as well as well-known global brands.*



# Seamless Data Access to Archive Data and Online Database

## PBS archive add ons for SAP ERP and S/4HANA

**The SAP database is exploding and response times increase constantly. You want to archive mature application data to improve system performance. However, you are afraid that archiving will restrict access to important information too much. For an upcoming audit, you need unrestricted data access (archive + database) and flexible data extraction options.**

PBS archive add ons were specifically developed to cover these scenarios:

They enhance standard SAP archiving features and allow seamless access to archived application data. With PBS-adapted transactions and reports, users can display and evaluate archive data as if this data was still in the original SAP database.

### Seamless data access

Users can navigate seamlessly through document chains: It does not matter whether a portion of the application data has already been archived or not. This integrated, seamless data access is essential to enable SAP customers to run their data archiving much more aggressively.

It is obvious why PBS archive add ons have proven themselves successful for more than a thousand times world-wide: they help to shrink the initial SAP database and reduce operation costs significantly (TCO, etc.).

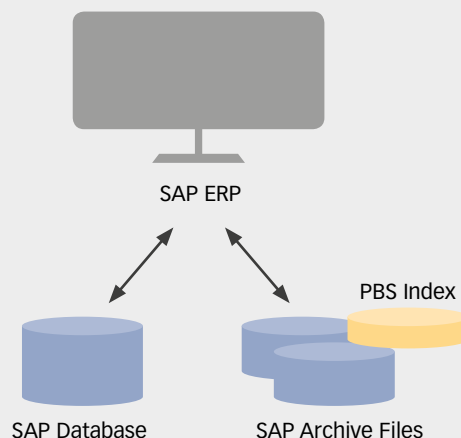
PBS archive add ons contain several options to extract data for audit purposes and to meet legal requirements.

They are available for all major SAP modules and cover more than 75 SAP archiving objects. There are hundreds of archive-enabled transactions and programs are presently available. Based on a modular concept, customers can select the PBS add-ons which provide the best savings potential for their business needs.

### Highlights – PBS archive add ons

- Seamless, fast data access to SAP database and archive files
- 1:1 to SAP standard transactions and reports
- Fast implementation without user training
- Data extraction for audit requirements
- Modular solution for all important SAP modules

### PBS archive add ons: Data access to archive and online database





# Better Performance and Flexible Analyses for Big Data

## PBS Nearline Analytic Infrastructure (NAI) for SAP ERP

**Is your SAP database growing rapidly and reaching vast data volumes very quickly? Here, the classical SAP data archiving features might reach their limits: the runtimes to index and manage vast amounts of data are too long! An efficient archive access for display and reporting is no longer possible.**

The PBS Nearline Analytic Infrastructure (NAI) provides extremely large data compression and significantly accelerates retrieval by using column-oriented database technology. The runtime to create index data for the PBS archive add ons is significantly reduced. Thus, PBS NAI is the ideal instrument to optimize system performance when dealing with large data volumes of archive data.

For the first time, NAI enables to integrate ZARIX tables from the SAP Archive Information System (SAP AS) into a nearline database (such as SAP IQ and IBM DB2 BLU) and achieves a considerable improvement for customers with large-scale applications.

### Integration of external data

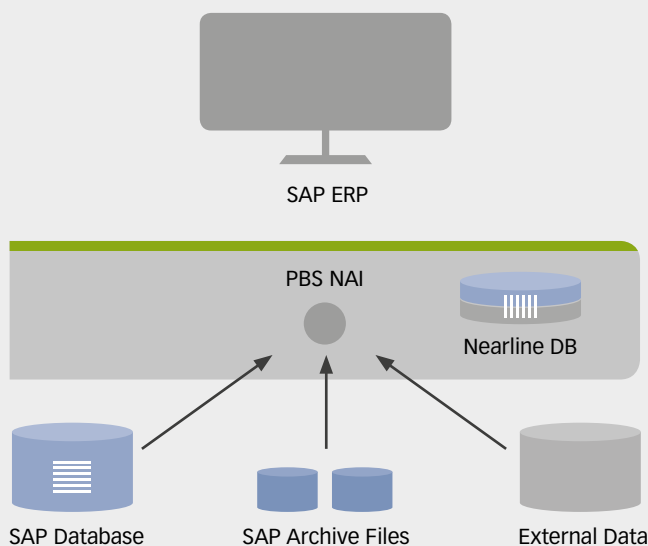
Application data from any SAP table can be evaluated with fastest possible response time supporting all types of analysis needs.

And PBS NAI offers much more: The advantages of the nearline databases can be used for external (non-SAP) data, which can be analyzed quickly and flexibly via the analysis options of the SAP system.

### Highlights – PBS NAI

- Unique NLS solution for large amounts of data in SAP ERP, CRM, IS, and other SAP systems
- Extremely fast data access and huge data compression
- Variable and fast data analysis – also with integration of non-SAP data
- Modular concept

### PBS NAI: Nearline for SAP ERP



# More Speed for Queries and Excellent Data Compression

## PBS CBW NLS – Nearline Storage for SAP BW

**There are thousands of records which contain valuable information that can be used more efficiently with PBS CBW. Especially if your data volume grows and grows and your SAP BW system might exceed its limits.**

The PBS nearline storage solution CBW NLS enables a best possible reduction of the BW database maintaining keeping a very fast, effective query access to the data in nearline storage. CBW NLS uses all advantages of column-oriented database technology to achieve extremely fast and transparent query access to InfoCubes, DSO, and even PSA tables. Data in nearline storage is ideally compressed.

### Reduce the load on the primary BW database

The much faster data access in PBS CBW NLS combined with the significant relief it provides for the primary database makes this solution essential for preparing for a migration to SAP BW on HANA.

The sophisticated and highly functional features of PBS CBW NLS provide a perfect fit to the SAP NLS interface. This makes it the unique software solution on the market which enables a really fast NLS data access for queries with navigation attributes or hierarchies.

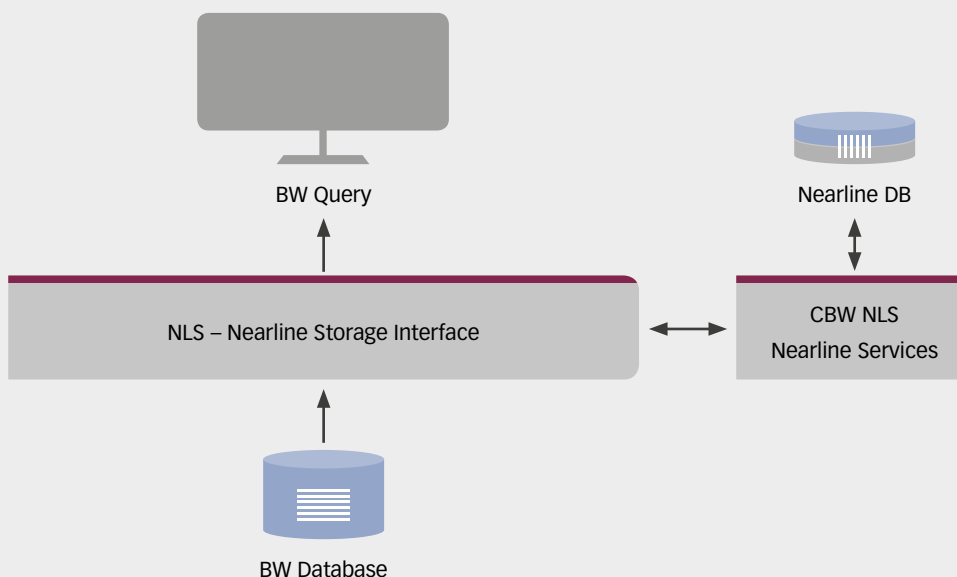
Recently, the CBW functionality has even been enhanced to update data in nearline storage.

More than a hundred global customers benefit from the advantages of the SAP-certified PBS CBW NLS solution.

### Highlights – CBW NLS

- Extremely fast and transparent query access to NLS data for all BW InfoProviders
- Very high data compression (typically > 80%) through column-based database technology
- Enhancements for the NLS interface providing additional data retrieval benefits
- Unique monitoring and administration features
- Covers SAP BW with classical databases as well as SAP BW on HANA

### PBS CBW: Nearline for SAP BW (on HANA)





# Lean and Compliant Storage

## PBS ContentLink

**When storing thousands of files and documents, you can easily lose track of the results. Furthermore, there are high requirements for the compliant storage of SAP archive files, documents, print lists, etc.**

PBS ContentLink is a lean interface solution which provides an ideal storage option for all kinds of SAP files and document types (SAP archive files, documents, print lists, etc.).

PBS ContentLink supports the SAP ArchiveLink interface as well as the WebDAV 3.0 protocol. For compliant storage, data can be enhanced by metadata containing retention values. Thus, ContentLink ideally supports the SAP ILM Retention Manager and Retention Warehouse.

PBS ContentLink covers all requirements for a compliant and highly performant data storage system and connects SAP systems with modern, state-of-the-art storage platforms.

### Minimal efforts

The administrative effort for PBS ContentLink is minimal. Neither a database nor a daily backup is required. All requirements for an SAP ILM-compliant storage are met.

A dedicated caching option accelerates access to SAP archive files (ADK).

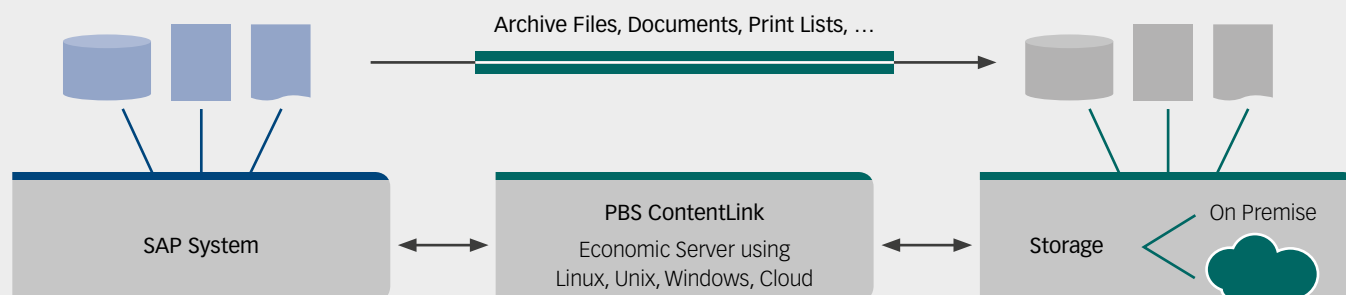
In addition, PBS ContentLink provides efficient data search options to support individual analyses. ContentLink is available for proven fixed content storage platforms and the leading cloud.

Hundreds of customers worldwide are using PBS ContentLink to achieve a cost-effective compliant data storage.

### Highlights – ContentLink

- Lean and powerful interface solution for compliant data storage
- No own database, no backup, simple administration
- Connects NetWeaver-based SAP systems with fixed content storage or cloud storage
- Supports SAP ArchiveLink and WebDAV 3.0 protocols
- Certified by SAP SE

### PBS ContentLink





# Data Extraction, Audits, System Decommissioning

## SAP Independent Data Access

**Increasing legal requirements challenge you to prepare the requested information, typically for tax audits, with reasonable efforts. How can you easily extract the relevant data from your SAP system and hand it over to auditors for SAP-independent processing?**

### A powerful data extraction tool

The PBS solution “Enterprise Content Store (ECS)” helps you to achieve legal requirements effectively. ECS includes all necessary options to rapidly extract and transfer data from your SAP systems. Existing links between tax-relevant data and original documents are maintained even outside an SAP system. PBS Enterprise Content Store enables customers to actively provide and prepare the requested data easily.

Optionally, there are additional, well-proven tools for data extraction and audit needs:

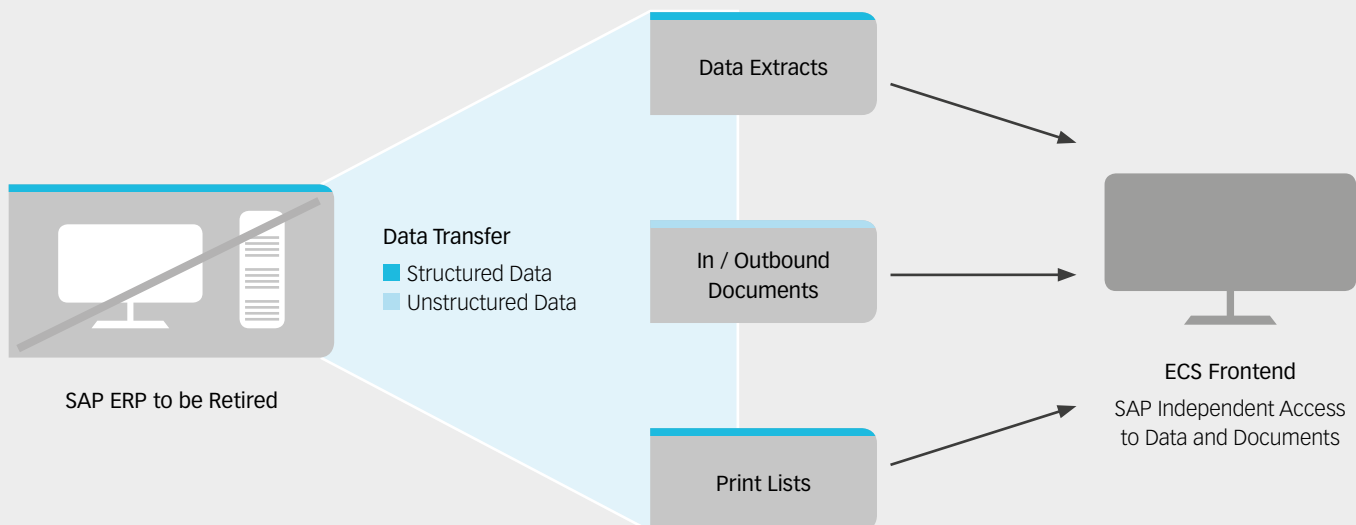
PBS Data Export Interface (integrated into PBS archive add on CFI),  
PBS CDART (archive-enabled SAP DART extraction) and  
PBS CONEX Flex for flexible, table-based data extractions.

Application examples cover the creation of DART views, data extraction in the case of outsourcing parts of a company (“carve out”) and complex SAP system decommissioning.

### Highlights – Enterprise Content Store

- Efficient data extraction from SAP database and archive files
- Post-processing and filtering of the extracted data independently of an SAP environment
- Create views and analyses
- Prepare data for testing purposes
- Easy to combine with compliant storage and flexible document access option
- Well-proven solution for SAP system decommissioning

### PBS Enterprise Content Store



## 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, 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 Partner-Edge Build program).

On our website you will find a complete overview of the available PBS solutions.

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Then simply mail us at  
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We will be happy to provide you with  
personal advice or present the  
solution to you in a webinar.

