



PBS Software Solutions to Support Effective Information Lifecycle Management (ILM)

PBS add-on solutions provide a holistic approach to enhance the **Information Lifecycle Management solution from SAP** with effective data retrieval, compliant storage and data extraction to meet legal requirements. PBS solutions focus on transparent and comfortable end user access to archived

application data and thus enable aggressive data archiving strategies with standard SAP® archiving features. The combination of SAP data archiving and PBS retrieval solutions helps to control database size and growth.

Database Optimization

- Reduce database size
- Limit monthly data growth

Reduce TCO and Postpone Hardware Investment

Easy Navigation – Document Flow

- Navigation in business chains
- Complete drilldown

Improved Performance

- Fast archive data retrieval
- Short query response time

Compliant Archiving

- Structured and unstructured data
- Very fast data transfer
- SAP ArchiveLink® & WebDAV 2.0
- Retention management
- No database, no backup

User-friendly

- Familiar display screens
- No user training required

Data Extraction for Audits

- Comfortable extract option
- Transparent data format

PBS archive add ons for SAP ERP

PBS archive add ons are modular, ready-to-run software packages for SAP ERP. They enhance the SAP data archiving functionality and enable seamless and comfortable retrieval features for archived SAP data from many important application modules. Archived application data can be displayed simultaneously with database data using PBS archive

enhanced display transactions and reports. Archived data is clearly marked by the PBS archive indicator. The complete information remains transparent to end users. With its large solution portfolio PBS provides software tools which are specifically designed to comply with the requirements of effective Information Lifecycle Management (ILM) in SAP ERP.

St	Assignment	DocumentNo	Type	Doc. Date	Amount in local cur.	LCurr	Cirng doc.	A
	15000037131999	1500003713	K2	18.02.1999	11,804.71	EUR	1500003713	*
	51000051231999	5100005123	RE	18.02.1999	11,804.71	EUR	1500003713	*
	2000005201998	200000520	ZP	18.12.1998	698.62	EUR	200000520	*
	2000005201998	200000520	ZP	18.12.1998	511.29	EUR	200000520	*
	2000005201998	200000520	ZP	18.12.1998	21,474.26	EUR	200000520	*
	51000050101998	5100005010	RE	07.12.1998	101.88	EUR	200000520	*
	51000050341999	5100005034	RE	05.01.1998	102.26	EUR	200000729	*
	2000007291999	200000729	ZP	01.02.1999	339.61	EUR	200000729	*
	51000050601999	5100005060	RE	11.01.1999	339.61	EUR	200000729	*
	51000051051999	5100005105	RE	05.02.1999	198.91	EUR	200000754	*
	51000051381999	5100005138	RE	05.03.1999	213.47	EUR	200000754	*
* * *					22,067.65	EUR		
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Transparent Data Display:

PBS transaction / PBS/FBL1 to display FI Vendor Line Items

SAP Database Data

Archive Data via PBS Index

Totals from Archive + DB

Figure 2

Benefits and Highlights

- **Reduce Database Size and Growth:**

PBS enables customers to archive more aggressively as the archived application data can be displayed in analogy to SAP database data.

- **User-friendly:**

With PBS, users work with familiar standard display screens, and thus do not need any training.

- **High Performance:**

The enhanced archiving options improve the SAP database performance. Response times for archived data retrieval via PBS are comparable to database access. Archived SAP data and PBS indexes are stored in local files systems or external storage repositories.

- **Easy Implementation:**

Pure ABAP™ software solution with easy installation and for ideal integration into the SAP system.

- **Modular Components:**

Available for many important SAP application modules (FI, CO, MM, SD, PP, HR, IS-U, etc.).

In addition to data stored in the database, PBS archive add ons also display information from archive files. PBS transactions contain the same user interface as original SAP transactions.

With the integrated access of PBS display transactions, users can easily navigate to preceding or subsequent data within a document flow, even if some or all of the documents have already been archived. Linked original documents (e.g., scanned invoices) are displayed in the familiar way via the SAP ArchiveLink interface.

PBS archive add ons are pure software solutions and utilize the SAP Archive Development Kit (ADK). After an SAP data archiving job has been completed, a PBS indexing program creates index information corresponding to these SAP archive files. This PBS index is stored in a compressed format in flat files outside the SAP

database, either in a local file system or in external storage systems. Thus, accessing archived data does not put any load on the SAP database.

Because PBS display functionality is analogous to original SAP display transactions and reports, users do not need any training. The response time for archived data retrieval via PBS archive add ons is comparable to database access.

PBS archive add ons are ready-to-run standard software packages. PBS installation is as easy as installing hot packages; adjustments to new SAP releases and updates are provided to customers as part of a support services agreement.

PBS archive add ons also support data extraction from database and archive to cover legal requirements and audits.

PBS CBW Nearline Solutions for SAP NetWeaver® BW

PBS CBW NLS Solutions for SAP NetWeaver Business Warehouse enable SAP customers to act effectively against the unrestrained growth of the database and the accompanying increase in operating costs. CBW NLS provides effective nearline storage for transparent user access to archived InfoCube

and DataStore objects via standard SAP NetWeaver BW queries. CBW is completely integrated into the data archiving process (DAP) of the SAP nearline storage (NLS) interface and lets users evaluate archived data separately or integrated with data from the SAP NetWeaver BW database.

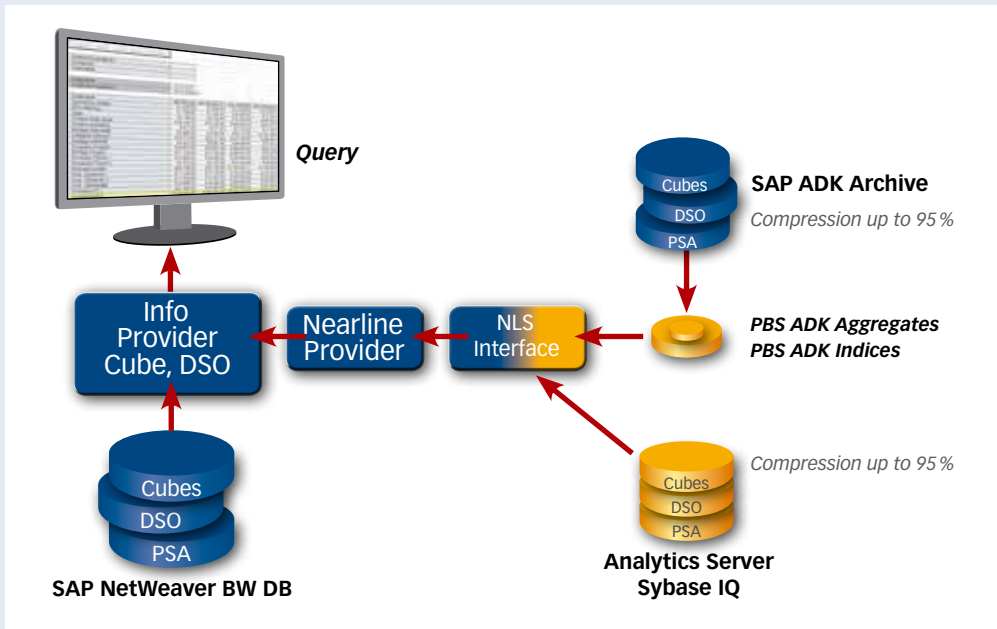


Figure 3

Benefits and Highlights

- **Reduce Database Size and Growth:**

PBS enables customers to archive more aggressively as the archived InfoProviders are completely accessible via standard SAP NetWeaver BW queries. This also enables you to control the future data growth.

- **All InfoProviders:**

CBW covers transparent access to archived InfoCubes and DataStore objects. Additionally, archiving, retrieval and reloading of PSA data is covered.

- **User-friendly Access:**

CBW enables archive data access directly from users' original SAP NetWeaver BW queries. Archived and nearline data can be displayed simultaneously with online database data.

- **Large Compression:**

ADK and Sybase IQ easily exceed an 80% compression rate. Reduced space consumption and thus high cost savings are achieved.

- **Data extraction**

to fulfill legal requirements/audits: This is supported from database and archive files.

- **Optimal Integration:**

CBW NLS is an easy to install software solution with enhanced integration into the SAP nearline storage interface.

PBS CBW NLS provides an infrastructure to either transfer SAP NetWeaver BW data to an external nearline storage device (here the Sybase IQ Analytics Server) or archive the data to ADK archive files.

Both options are integrated into the SAP NLS interface and use the SAP data archiving process (DAP). Both provide excellent data compression which easily exceeds a compression rate of 80 %.

Transparent and fast query access to the data will be covered by the SAP NLS interface and the corresponding PBS Interface. CBW includes MultiProvider integration.

Additionally, PBS provides effective archiving, retrieval and reloading for PSA data.

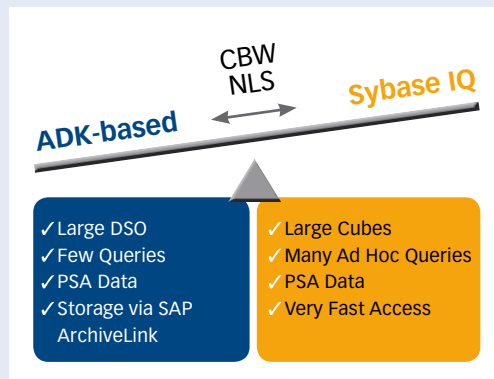


Figure 4

PBS ContentLink for Compliant Storage

PBS ContentLink (PCL) is a lean and highly effective interface solution for connecting SAP systems and fixed content storage systems. PCL enables the storage and retrieval of all SAP ArchiveLink-enabled files and documents directly on state-of-the-art HDD-based storage systems without the need of a classical content management system. This achieves a

high potential for cost savings: PCL does not need its own database. Direct administration and monitoring can be performed from the connected SAP system. Through its lean and scalable architecture, PCL provides fast data transfer and achieves very short response times even for high load situations.

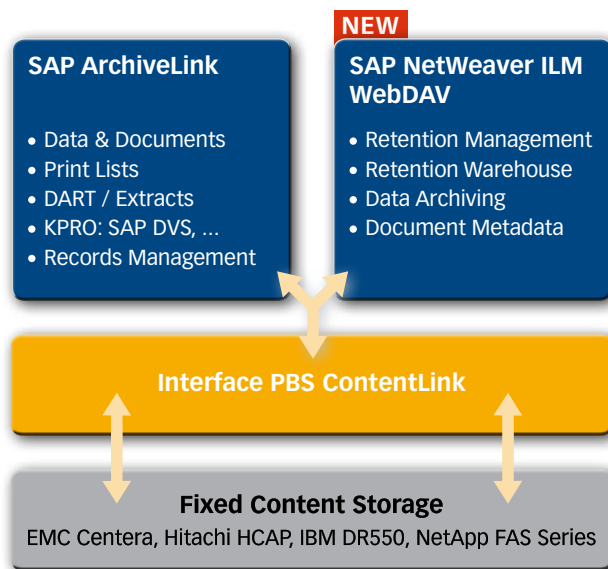


Figure 5

PCL Benefits and Highlights

- Provides extensive DMS features
- Enables ILM-aware data storage including retention management
- Supports SAP ArchiveLink and WebDAV 2.0
- For all SAP ArchiveLink enabled file types
- Includes cache optimizer
- Easy installation – administration via SAP GUI
- No database, no backup, little maintenance
- Highly scalable, even for high-load situations
- High availability

In addition to the SAP ArchiveLink interface, PBS ContentLink now also supports the SAP-specific WebDAV 2.0 protocol. PCL can be connected with various modern storage systems; additional are in preparation. PCL is no classical content management system, yet it comprises numerous CMS features.

The communication solution does not require its own database and is highly scalable due to its Web-based

architecture. The installation effort is low and even with simple means it enables a highly reliable configuration. Administration is performed directly in the SAP system. PBS ContentLink does not require its own user interface and is practically maintenance-free.

Since recently, PBS ContentLink has provided automated performance optimization of ADK files in the ContentLink-specific cache with its cache optimizer.

For further product details, please check our website: www.pbs-software.com



PBS Software GmbH
Schwanheimer Strasse 144 A
64625 Bensheim, Germany
phone: +49(0)62 51/174-0
info@pbs-software.com

About PBS Software GmbH

PBS Software is a leading provider of add-on software for SAP solutions in the areas of data archiving, extraction and storage as well as system retirement. For many years PBS has been

considered as an expert for complex, integrated data accesses to archived data in SAP applications and develops robust ILM tools in close collaboration with SAP.