

# Clever Tools

for the Analysis, Validation, Extraction, and Authorization Check of your SAP Data



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[www.pbs-software.com](http://www.pbs-software.com)



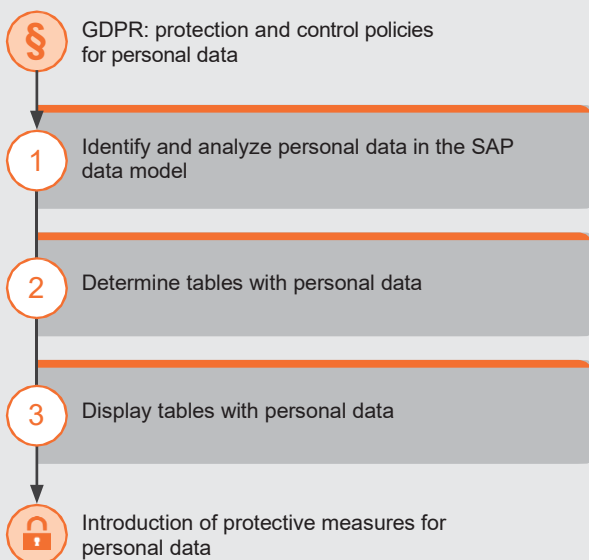
# Looking for little helpers for big requirements?

In addition to our proven software solutions such as the PBS archive add ons or PBS ContentLink, we also offer you a wide range of high-performance utilities. We would like to present some of these utilities to you in more detail. These practice-oriented, user-friendly tools help you to keep the data growth of your SAP system in check and to meet the wide-ranging requirements of SAP data archiving.

## Our current tip for you: GDPR Analyzer

You want to start with the technical implementation of the GDPR (General Data Protection Regulation)? With the PBS GDPR Analyzer you can track down ALL personal data.

### *PBS GDPR Analyzer*





# Clever tools for the analysis, validation, extraction, and authorization check of your SAP data

These practice-oriented, user-friendly tools help you to keep the data growth of your SAP system in check and to meet the wide-ranging requirements of SAP data archiving.

## Database Analysis

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### PBS GDPR Analyzer

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#### Meet the demands of the GDPR and really track down all personal data

Personal data that has to be protected or deleted within the scope of the EU DSGVO is certainly located in your SAP system in many different tables.

You can use the PBS GDPR Analyzer to uncover all personal data in your SAP system in order to fulfill the requirements of GDPR.

The analysis also takes into consideration customer-specific tables and internal field types of the SAP dictionary table definition. As a result, the PBS GDPR Analyzer provides you a structured bundling of the relevant data for successive processing with the functions of SAP ILM.

You can purchase the PBS GDPR Analyzer as a separate product. Furthermore, with the WebDAV-capable archive server solution PBS ContentLink and numerous PBS archive add ons for the access to protected and archived application data, PBS offers ideal extension options within the scope of the GDPR requirements in the SAP environment.

### PBS Database Analyzer PLUS

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#### Control the growth of your database

In the run-up to your archiving project the PBS Database Analyzer PLUS enables you to analyze the capacity commitment of your archiving objects in the database and, in this way, to determine the current memory requirement. You can also determine the document distribution of the selected SAP modules.

By using PBS Database Analyzer PLUS you can get a clear overview of:

- how fast your SAP database is growing.
- for which archiving objects it would be worth doing archiving in your system.
- which application data has the greatest memory storage requirement.
- how high the monthly document volume is.
- how big an average purchasing document is.
- which table is archived with which archiving object.
- which PBS archive add ons are recommended for integrated data access.

## Data Analysis

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### PBS SE16/SA38\_PERSONAL

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#### Protect your tables and the SAP application reporting with a personalized SAP data access

In productive SAP systems, unrestricted access to all company data without a control function via the SAP transactions SE16 and SA38 is risky. The PBS utility SE16/SA38\_PERSONAL closes authorization gaps and protects your sensitive company data.

With PBS SE16/SA38\_PERSONAL, you meet all data access regulations, which are increasingly being demanded in final reports by internal and external auditors. It makes sense to use the utility not only in SAP ERP but also for SAP NetWeaver Business Warehouse, the SAP industry solutions, and SAP Customer Relationship Management.

### PBS Data Access Monitor

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#### Check the use of your customer-specific programs through logging and access statistics

The PBS Data Access Monitor logs the use of your SAP system. You are provided information regarding which archive files are regularly accessed and from which tables values are repeatedly queried. Furthermore, the transactions which are executed particularly often are determined.

You can collect this information, evaluate it statistically, and in this way you can better orientate your SAP system in the long term to the user behavior. The collected data can also be evaluated with respect to a certain period of time such as by day, week, month, or year. A top or bottom 10 graphic simplifies the evaluation of the statistics.

To protect your users, the user-related data is protected by means of an authorization object and displayed in an encrypted format.



## Data Management

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### PBS Archive Data Conversion

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#### **Adapt your SAP archive data to the current legal requirements**

With the PBS tool Archive Data Conversion you specifically adapt field contents in archived SAP data. Data contents in archive structures and archive classes can be changed. Common adaptation scenarios are the encryption and/or masking, conversion, deletion, or extraction of archived data. Masking makes personal data completely unreadable whereas encryption can be reversed again with the corresponding authorization.

The various conversion tasks can be configured centrally and validated by the specialist departments via an approval process. The documentation of the changes that have been made is performed directly in the archiving object so that the adaptation of the archive data remains transparent even in the case of porting into another system landscape.

If compliance requirements change for business data that is protected from alterations, the conversion process is done by updating into a new archive file. Old archive data that is no longer required is deleted logically in the SAP standard.

### PBS Archive Data Review

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#### **Determine and correct inconsistencies in archived business data**

Discrepancies by multiple archiving of application data can be difficult to detect using SAP standard tools, and if at all, can only be corrected with complex projects. However, data that is distributed multiple times in archive files have a negative influence on subsequent processes. There is a risk that data analyses in classical reporting, in the archive information system, or also in queries produce incorrect analysis results.

With PBS Archive Data Review you can detect and correct inconsistencies in archived business data. In an analysis run the data of the individual archiving objects is first validated and then checked for multiple archiving. The results analysis is performed online and also provides you with a detailed view at document level in addition to a numerical representation per archive file.

## Data Extraction

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### PBS Database Export Interface

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#### **Design your data extraction from flexible and user-friendly SAP databases**

With the PBS Database Export Interface you extract business transactions completely or partially from your SAP systems. Typical application scenarios for the evaluation with client/server-based analysis programs are audits, system decommissioning, and restructurings.

In these cases, tax-relevant data is generally spread across several SAP modules. Typically, data is used from the SAP modules FI, MM, SD, CO, HR as well as from Customizing during audits. The PBS Database Export Interface therefore extracts master data, transaction data, and customizing data as well as change documents. Extracts can be generated on demand.

### PBS CONEX Flex

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#### **Extract your SAP ADK objects in a targeted and needs-based manner**

With PBS CONEX Flex you extract data from SAP systems that go far beyond the fiscal requirements. When doing this you have access to all fields of a data structure. Partial business processes that are not in the focus of the day-to-day business can be extracted separately.

With PBS CONEX Flex you simply choose via drag & drop the tables and fields that are to be taken into consideration during the extraction. Here, in particular, all tables of a business process can be selected. Object tables of the respective SAP archiving object form the basis when doing this.

The classic extraction target is the output file in SAP AIS format (Audit Information System) for further processing in local PC applications. In addition, the data of the extraction run can be stored in an SAP standard table or in the PBS Nearline Analytic Infrastructure for an extremely fast data access. The business process data from the database and the archive always form the data basis for the extraction.

Furthermore, PBS CONEX Flex enables the targeted generation of SAP AS indices by means of the business or technical characteristic for the archiving objects IDOC, WORKITEM, BC\_SBAL and BC\_DBLOGS.

## Overview of all the PBS Utilities Highlights

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### PBS GDPR Analyzer

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- detection of ALL personal data in your SAP system
- the analysis also considers custom-developments or tables not intended for this purpose
- customer-specific fields are taken into account in the SAP dictionary objects
- structured overview of the results with bundling of the relevant data for successive processing with the SAP ILM functions

### PBS Database Analyzer PLUS

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- targeted database analysis for the support of archiving projects
- ERP data grouped by SAP archiving objects
- user-friendly installation and setting up – fast analysis success
- periodic use to control data growth and database
- option to extract analysis data for a further, external evaluation

### PBS SE16/SA38\_PERSONAL

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- control of company-sensitive data through targeted locking of table fields
- period-based authorization checks
- PBS templates to generate master variants
- snapshot function to "freeze" table contents
- controlled access to SAP reporting using transaction /PBS/SA38
- configurable for SAP standard and customer-specific reporting
- assignment of rights to reporting groups via authorization objects
- restriction of reporting to selection variants and / or batch processing

### PBS Data Access Monitor

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- logs the SAP usage (e.g. archive data and document access)
- creates access statistics from various aspects
- tracing seldom used Z programs (migration help S/4HANA transition)

### PBS Archive Data Conversion

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- encrypting or masking, converting, deleting or extracting archived data
- definition of adaptation scenarios
- changes in archive structures and archiving classes
- logging changes directly in the archiving object
- central decrypting of protected fields through authorization check during data access

### PBS Archive Data Review

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- display and correction of duplicates in archive files
- No changes of original SAP archive files
- Changes that are made can be undone
- an indispensable tool for requirements related to Unicode conversion and system consistency as well as in the area of SAP ILM and compliance

### PBS Database Export Interface

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- adhoc extraction of dependent business process data (audit track)
- user-friendly data extraction in SAP AIS format
- controlled data export through storage on SAP operating system level
- compliant external data storage
- immediate display in conventional analysis programs
- separate data viewer to verify extracts
- XML description standard

### PBS CONEX Flex

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- Autarkic tool to extract archive and database data
- Parameterized SARI index structure based on business or technical characteristics of the archiving object
- No reloading of data "en bloc" since a targeted selection of relevant information is possible
- After an SAP AS construction, the technical objects can then be accessed via the usual SAP transactions

## PBS Software GmbH

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PBS Software GmbH is a leading provider of add-on solutions that enhance your SAP system in the areas of data management, data archiving, nearline storage, information lifecycle management as well as compliant data storage, data extraction, and decommissioning of systems. Big-name customers in Germany and abroad have been successfully deploying the company's solutions for more than 25 years. PBS Software GmbH is internationally recognized as a proven expert in complex, integrated access to "hot" and "cold" data.

With its innovative nearline storage solutions, PBS Software GmbH improves the options for analyzing big data and is ideally placed to meet current and future requirements in the SAP environment. PBS solutions are certified by SAP, and PBS Software GmbH has been an SAP partner for many years (currently in the SAP PartnerEdge Program).

You can find an overview of all available PBS solutions on our website.



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