

## Product Specification

### PBS archive add on CBW

#### ADK-based Nearline Storage Solution for SAP Business Information Warehouse 3.x

##### Highlights

- Faster and simpler access to archived SAP BW data
- Database relief
- Extraction of tax-relevant data
- Audit and compliance security
- Storage in compressed format, also possible externally via SAP Archive-Link
- No additional hardware or software necessary

PBS archive add ons<sup>®</sup> are add-on solutions for SAP<sup>®</sup> Data Archiving that can be used immediately. The PBS archive add on CBW extends the SAP Business Information Warehouse. With the PBS archive add on CBW you have the possibility to access your archived InfoCubes and DataStore objects in SAP BW using standard BW queries. Furthermore, you can archive PSA tables that you can reload again if required or update directly via VirtualProviders.

The extraction of tax-relevant data from InfoCubes, DataStore objects, master data, texts or any transparent tables with the PBS archive add on CBW supports you when fulfilling legal regulations. The data extracts are saved in ASCII format as sequential files and can be evaluated with audit tools such as WINIDEA.

##### Construction of Aggregates and Indices

Indices and aggregates are constructed and stored for the archived InfoCubes and DataStore objects in the PBS archive add on CBW. This enables fast access to the archived data. Archiving objects are generated for the archiving of PSA tables. The data is stored in ADK format and then deleted from the PSA table. Currently, the following BW objects are supported:

- InfoCubes
- DataStore Objects
- PSA Tables

You use the transactions /PBS/CBW and /PBS/PSA to construct and manage the PBS archive add on CBW. These transactions start the CBW Administration Cockpit and the PSA archiving interface respectively. You manage the modeling and the construction of the indices and aggregates using the Administration Cockpit. Here, you can generate the virtual InfoProvider as well as the MultiProvider together with queries and modify potential workbooks.

Navigation can be performed using the Business Explorer (BEx). When doing this, you can choose between the BEx Analyzer and the BEx Browser. The archived data is presented to you via queries of the VirtualProvider. You can display archived and current data simultaneously via the MultiProvider.

# Technical Data

System Requirements	SAP Business Information Warehouse 3.0, 3.1 and 3.5.
Interfaces	An ABAP interface exists that enables both direct as well as sequential access to archived data. In addition, you receive our PBS Conversion Tool, which enables you to extend the ABAP SQL database access to include the PBS archive access.
Runtimes	Index and aggregate data can be generated after each SAP archiving run. The newly generated indices are merged with the existing indices. The runtime depends on the system performance and is similar to that of the archiving run. The runtime for generating the aggregates is significantly shorter.
Response Times	When using magnetic disks as storage media, the access to archived data is as fast as the access to the SAP database.
Previous Knowledge	SAP BW experience is a prerequisite. As the MultiProvider queries are identical to the queries of the original InfoProvider, no user training is necessary.
Delivery	The delivery consists of PBS CBW software as well as a user manual in German and English.
Installation	Installation is performed via SAP Transport Management. The PBS software is transferred via ftp to the SAP BW server and is then imported into the BW system using the SAP transport program tp. In SAP BW 3.5, the installation is performed via the transactions SAINT and SPAM.
Data Backup	After the indices and aggregates have been created, a one-time data backup of the PBS files and the corresponding ADK files must be performed.
Maintenance	If you have a valid maintenance contract, you will receive an update service. You can reach our hotline Monday through Friday from 8:00 am to 6:00 pm CET.
Data Protection	The corresponding SAP standard authorizations are checked in all transactions delivered by PBS. During implementation, only the authorizations for the PBS transaction codes have to be assigned. The archived data is stored in compressed format and can therefore not be read by means of the operating system.

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