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## Product Specification

### PBS archive add on CMM

#### Simple Access to archived SAP Purchasing Documents

##### Highlights

- Integrated access to archived and current SAP purchasing documents
- Full integration in the general business concept
- Short response times
- Can be used immediately
- Easy to install

PBS archive add ons® are add-on solutions that can be immediately used for SAP® data archiving. The PBS archive add on CMM enhances the SAP module materials management (MM).

The purchasing system can be used to convert requirements for materials or services that are defined in the specialist departments or via materials planning into purchase orders or outline agreement releases in a largely automatic fashion.

You can use the PBS archive add on CMM to display archived SAP purchasing documents with the data from the database via integrated transactions. This is also possible for purchase requisitions, purchasing info records, logistics invoice verification documents and their associated data. The system conveniently provides data for several fiscal years.

The PBS archive add on CMM indexes archived purchasing documents, purchase requisitions, invoice verification documents and purchasing info records and quickly displays them again. Navigation takes place via PBS transactions that are similar to the most important SAP transactions for list and individual display. These transactions can display both database data and archive data. Moreover, they have two PBS menus that you can integrate into your SAP user interface.

The PBS archive add on CMM is fully integrated in the general business concept so that links to other business processes are preserved even after archiving has been carried out. You can still branch easily to invoice or material documents, production or sales orders, and to material master data.

##### PBS long-term archiving concept

The PBS index stock is split into one main archive and active and inactive long-term archives. You can thus temporarily exclude specific PBS index runs from online archive access without deleting the actual PBS archive indices. This allows you to convert PBS main archive files into long-term archive files and define them as active, accessible online, or inactive. Inactive PBS index runs can be stored on any media. If required, they can be reactivated and the indexed archive data can be accessed again. Moreover, during new PBS indexing runs their archive indices are merged into the current main archive file only and not into the long-term archive. This restricts the runtime of the PBS index generation program. You can thus start a new archive when a certain data volume or index generation program runtime limit is reached or for organizational reasons (1 archive per year). Data that has already been archived can be kept in read-only mode in the form of long-term archives or can be activated only when required.

# Technical Data

## Archiving Objects

In order to implement the PBS archive add on CMM, correct data archiving for the archiving objects mentioned below must be available:

Archiving Objects	Description
MM_EKKO	Purchasing documents
MM_EBAN	Purchase requisitions (from 4.0B)
MM_EINA	Purchasing info records (from 4.0B)
MM_REBEL	Invoice documents Materials management (from 4.0B)

## Transactions

PBS Transaction	SAP Transaction	Description
/PBS/CMM13		Invoice document, general list display
/PBS/ME13	ME13	Display purchasing info record
/PBS/ME1L	ME1L	Display purchasing info record
/PBS/ME1M	ME1M	Material purchasing info records
/PBS/ME1W	ME1W	Material group purchasing info records
/PBS/ME23	ME23	Display purchase order
/PBS/ME23N	ME23N	Purchase order (from 4.6B)
/PBS/ME2B	ME2B	Requirement number re. purchase orders (from 4.6C)
/PBS/ME3B	ME3B	Requirement no. re. outline agreements (from 4.6C)
/PBS/ME2C	ME2C	Material group purchase orders
/PBS/ME2K	ME2K	Account assignment purchase orders
/PBS/ME2L	ME2L	Vendor purchase orders
/PBS/ME2M	ME2M	Material purchase orders
/PBS/ME2N	ME2N	Purchase orders re. purch. ord. number
/PBS/ME33	ME33	Display outline agreement
/PBS/ME33K	ME33K	Display contract
/PBS/ME33L	ME33L	Display vendor
/PBS/ME3C	ME3C	Material group outline agreements
/PBS/ME3N	ME3N	Outline agreements re. purch. ord. number
/PBS/ME3K	ME3K	Account assignment outline agreements
/PBS/ME3L	ME3L	Vendor outline agreements
/PBS/ME3M	ME3M	Material outline agreements
/PBS/ME43	ME43	Display inquiries
/PBS/ME4C	ME4C	Material group inquiries
/PBS/ME4L	ME4L	Vendor inquiries
/PBS/ME4M	ME4M	Material inquiries
/PBS/ME4N	ME4N	Document number inquiries
/PBS/ME49	ME49	Quotation price comparison list (from 4.6C)
/PBS/ME53	ME53	Display purchase requisition
/PBS/ME53N	ME53N	Purchase requisitions (from 4.6C)
/PBS/ME5A	ME5A	Purchase requisitions re. document number
/PBS/ME5K	ME5K	Purchase requisition re. account assignment
/PBS/ME9A	ME9A	Message Output: Inquiries
/PBS/ME9E	ME9E	Msg. Output: Sch. Agmt. Deliv. Sch. Line
/PBS/ME9F	ME9F	Message Output: Purchase Orders
/PBS/ME9K	ME9K	Message Output: Contracts
/PBS/ME9L	ME9L	Message Output: Scheduling Agreement
/PBS/MIR4	MIR4	Invoice document (from 4.6C)
/PBS/MIR6	MIR6	Invoice overview (from 4.6C)
/PBS/ML81N	ML81N	Service Entry (from 4.6C)
/PBS/MR11SHOW	MR11SHOW	Account maint. docu. display-reversal (from 4.6C)
/PBS/MR3M	MR3M	Invoice document (up to 4.6B)
/PBS/MELB	MELB	Purchasing transactions per requirement track. no.
/PBS/ME80RN	ME80RN	General analysis
/PBS/ME81N	ME81N	Analysis of purchase order values

# Technical Data

System Requirements	SAP R/3 3.x/4.x and SAP ERP 5.0/6.0.
Interfaces	You have direct access to archive data via the ABAP interface. In addition, you receive our PBS Conversion Tool, which you can use to extend the ABAP SQL database accesses to include the PBS archive access.
Disk Space Requirement	The main data part of the PBS archive add on CMM is contained in the file system of the database or an application server of the SAP system. For the storage of a purchasing document together with its index data, about 1400 bytes are needed. However, if you set up the PBS archive add on CMM in the recommended INDEX mode, only about 400 bytes are required to store each document. An additional 6 bytes per document for management information which is kept in the SAP database must also be reckoned.
Runtime for Archive Construction	After each SAP archiving run the data for the PBS archive add on CMM has to be loaded. This means a periodical merging of new data with the existing PBS archive. If you want to merge 20,000 new documents and 80,000 index records with a PBS archive containing 100,000 purchasing documents, you have to reckon with a runtime of about 1 hour. Otherwise the runtime depends on the CPU capacity of your computer.
Data Protection	In all PBS transactions and programs, all SAP standard authorizations are checked. When the archive is implemented only the authorizations for the PBS transaction codes need to be defined. The archived data in the file system is stored in compressed form and therefore cannot be read using the operating system tools.
Previous Knowledge	SAP experience is a prerequisite. As the PBS transactions are identical to the SAP standard transactions, no user training is necessary.
Delivery	The delivery comprises the software in English, German, and French as well as the manuals in English and German.
Installation	The program is installed via SAP transport management. The PBS software is transferred via ftp to the SAP server and installed. Up to SAP R/3 4.6C, the transport program tp is used and from Release 4.7 the installation is performed using the transactions SAINT and SPAM.
Support	If you require support during the installation, please contact our hotline.
Maintenance	If you have a valid maintenance contract, you will receive further developments and updates. You can reach our hotline Monday through Friday from 8:00 am to 6:00 pm CET.

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