

PS - Project System



Release 4.6B



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PS - Project System

The following table gives you an overview of the archiving objects that are available within *Project System*:

Objects in Project System	Archiving Object
Operative Project Structures	PS_PROJECT [Page 6]
Standard Networks	PS_PLAN [Page 38]
Funds Reservations Fixed Price Agreements Fixed Price Allocations	CA_KBLX [Page 27]

See also:

[General Information about Archiving \[Ext.\]](#)

[Applications Overview \[Ext.\]](#)

Archiving Operative Project Structures (PS-ST-OPR)

Archiving Operative Project Structures (PS-ST-OPR)

Definition

You use the PS_PROJECT archiving object to archive and delete operative data in the *Project System*, such as [networks \[Ext.\]](#) , [work breakdown structures \[Ext.\]](#), as well as transaction data and project versions.

Use

You use this object to archive data in your project environment, such as:

- Project data
 - Project definition
 - WBS element
 - Milestones
 - Delivery information
 - Assignments of delivery information to WBS elements
 - Planned costs
 - Actual costs and revenues
 - Line items
 - PS texts
- Network data
 - Activities
 - Activity elements
 - Material components
 - Production resources/tools
 - Milestones
 - Delivery information
 - Assignments of delivery information to networks
 - Assignments of delivery information to components
 - Classification data
 - Completion confirmations
 - PS texts
- Project version data
 - Project definition
 - WBS elements

Archiving Operative Project Structures (PS-ST-OPR)

- Milestones
- Planned costs
- Actual costs
- Line items



If you archive a network or WBS, that has a [status-dependent project version \[Ext.\]](#), this project version is archived automatically with the original data. You have to archive [time-dependent project versions \[Ext.\]](#) separately. Simulation versions cannot be archived.

Archiving and deleting data is usually carried out in three steps. In the first step you set the deletion flag. In the second step you set the deletion indicator. This is only possible for networks after the [residence time 1 \[Ext.\]](#) has elapsed. In the third step (for networks after [residence time 2 \[Ext.\]](#)) you start archiving. The system writes the data to the archive and deletes the archived data from the database.

Structure

You can archive data from the following database tables using archiving object PS_PROJECT:

Object	Archiving Class	Segment
Project definition	PS_PROJECT	PRHI
		PROJ
		PROJ_ARC
		VSJEST_CN
		VSJSTO_CN
		VSRPSO_CN
		LFINF
WBS element	PS_ELEMENT	COSPP
		COSSP
		DRAD
		EVFG
		EVOF
		FMSP
		LFINFX
		MLST
		MLTX
		PRPS

Archiving Operative Project Structures (PS-ST-OPR)

		PRPS_ARC
		PRTE
		P RTP
		P RTX
		TCN01
		VSJEST_CN
		VSMLST_CN
		VSPRPS_CN
		VSPRTE_CN
		VSPRTX_CN
		VSRPSCO_CN
		VSSTEU
PS text	PS_TEXT	PSTX
		VSPSTX_CN

Object	Archiving Class	Segment
Order	P_ORDER	AFPOD
		CAUFVD
		IOMAMO
Operations	P_OPR	AFABD
		AFFHD
		AFFLD
		AFVGD
		EVFG
		EVOF
		LFINF
		LFINFX
		MLSTD
Component	P_COMP	LFINF
		LFINFX
		RESBD

Object	Archiving Class	Segment
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Archiving Operative Project Structures (PS-ST-OPR)

Project version	PS_VSORDER	VSAFAB_CN
		VSAFFH_CN
		VSAFFL_CN
		VSAFIH_CN
		VSAFKO_CN
		VSAFPO_CN
		VSAFVC_CN
		VSAFVU_CN
		VSAFVV_CN
		VSAUFG_CN
		VSEBAN_CN
		VSEBKN_CN
		VSFPLA_CN
		VSFPLT_CN
		VSJEST_CN
		VSJSTO_CN
		VSKBED_CN
		VSKBEZ_CN
		VSKOPF
		VSMLST_CN
		VSNTX_CN
		VSPLAF_CN
		VSRESB_CN
		VSRPSCO_CN
		VSRSDB_CN
		VSSTEU
		VSVBAK_CN
		VSVBAP_CN
		VSVBEP_CN
		VSVBKD_CN

Object	Archiving Class	Segment
Order for information system	PS_ORDER	AFFL

Archiving Operative Project Structures (PS-ST-OPR)

		AFIH
		AFKO
		AFPO
		AFVC
		AFVU
		AFVV
		AU FK
		PLAF
		VBAK
		VBAP

Selection Criteria (PS-ST-OPR)

You can select project data for archiving according to the following criteria:

- Networks in a project
 - WBS assignment to network header
 - The system selects all networks which are assigned at header level to the WBS element you specify.
 - WBS assignment to network activity
 - The system selects all networks which are assigned at activity level to the WBS element you specify.
- Sales orders
- Other orders including:
 - Internal orders
 - Maintenance orders
 - Production orders

See also:

[Dependencies \(PS-ST-OPR\) \[Page 13\]](#)

Data That Cannot Be Deleted (PS-ST-OPR)**Data That Cannot Be Deleted (PS-ST-OPR)**

This is project-relevant data in the Project System which you cannot delete or archive. Certain data cannot be deleted along with the WBS, but only in the relevant application. Certain data cannot be deleted at all.

You can, for example, only delete the following data in the relevant application:

- FI documents
- Work centers
- Production resources/tools
- Purchase requisitions
- Sales orders

Certain data cannot be deleted at all; for example:

- Individual WBS elements
- Subprojects
- Individual subnetworks
- PS texts

Dependencies (PS-ST-OPR)

Dependencies are prerequisites that have to be met, if you want to delete a work breakdown structure to which certain orders are assigned. The conditions listed below have to be met whether or not the orders are to be archived with the WBS.

Order	Prerequisites
Internal order	Deletion indicator is set
Production order	Deletion indicator is set
Maintenance order	Deletion indicator is set
Sales order	All goods movements are posted All deliveries are invoiced



These orders cannot be deleted together with a work breakdown structure. You must delete them in the respective applications.

Technical Data (PS-ST-OPR)**Technical Data (PS-ST-OPR)**

As projects can vary greatly in size, it is difficult to give a general estimate for the program run time and the storage requirements. SAP recommends that you archive a comparatively small number of networks or WBS in test mode and estimate runtime and storage requirements from the test.

Prerequisites (PS-ST-OPR)

Prerequisites for Deleting Operative Project Structures

You can only delete a WBS or network if it satisfies the following conditions:

- A deletion flag has been set for all network activities
- A deletion flag has been set for the network header
- A deletion flag has been set for all assigned orders (CO orders, maintenance orders, and so on)

Prerequisites for Setting Deletion Flags

You can only set the deletion flag if the following conditions are satisfied:

- Relationships to other networks which have no deletion flag must be deleted.
- There must be no purchase requisitions or purchase orders assigned to the network or to the project (WBS elements). If purchase requisitions or purchase orders exist, you must delete them.
- The balance of actual costs of a network or WBS element must be zero. This means that the network or the project (WBS element) must have already been settled or that no actual costs occurred.



If you set the *Do not settle* or *Can be settled* indicators in the settlement profile in Customizing for Cost Object Controlling, you can set the deletion flag even if there are actual costs for the WBS element or network.

- There can be no commitment on the network or project (WBS element).

You will receive a warning message if the network has the *Partially confirmed* status.

When you set the deletion flag, the system automatically reduces any existing capacity requirements. An internal deletion indicator is also set in existing material reservations.

Residence Times



You can enter residence times for work breakdown structures. Consequently you can set the deletion indicator directly after having set the deletion flag.

If you have maintained a [first residence time \[Ext.\]](#), you can set the deletion indicator for a network that has a deletion flag after this time has expired.

If you have entered a [second residence time \[Ext.\]](#), you can archive and simultaneously delete a network from the database after this time has expired.

Authorizations (PS-ST-OPR)

Authorizations (PS-ST-OPR)

First the person with project authorization, such as the project manager, sets the deletion flag in the WBS or network in the Project System. The system administrator can now start the archiving run with the deletion program.

To be able to set the deletion flag, you must have authorization to make changes in the Project System for project definitions, WBS elements, and networks. In order to have the change authorization, you also need authorization for the following objects (activity 02: change, or transaction type V: change):

Authorization Object	Description
C_AFKO_ACT	Actions on network header
C_AFKO_DIS	Networks MRP controller
C_AFRU_APL	Confirmation: Authorizations for routings
C_AFVG_APL	Work center for network
C_AFVG_TYP	Activity categories for network
C_AFVG_USR	Work center for network
C_MLST_BGR	Milestones
C_PLKO_PLG	Planner group for standard networks
C_PROJ_KOK	Controlling area for project definition
C_PROJ_PRC	Profit center für project definition
C_PROJ_TCD	Transaction-related authorizations, project
C_PROJ_VNR	Project manager for project definition
C_PRPS_ART	Project types for WBS element
C_PRPS_KOK	Controlling area for WBS element
C_PRPS_KST	Cost center for WBS element
C_PRPS_PRC	Profit center for WBS element
C_PRPS_USR	User fields for WBS element
C_PRPS_VNR	Project manager for WBS element
C_PSTX_ART	Text types for PS texts

See also:

[General authorization checks \[Ext.\]](#)

Archiving Log (PS-ST-OPR)

Features

The log contains the following information for each archiving run or archiving file:

- Number of archived data objects
- Associated tables
- Number of table records processed
- Selected work breakdown structures
- Selected networks
- Selected project versions

Deletion Flags ()

Deletion Flags ()

[/SAP/irExtHelp/IWB_EXTHLP.asp? LOIO=8D3E6ABD462A11D189000000E8323D3A \[Page 19\]](/SAP/irExtHelp/IWB_EXTHLP.asp? LOIO=8D3E6ABD462A11D189000000E8323D3A [Page 19])

Use

The person with project authorization usually sets the deletion flag. When the deletion flag is set, the system determines if the object can be deleted.



You can delete project versions without setting a deletion flag.

Features

You can set the deletion flag for the network or the work breakdown structure in three different ways:

- As part of assembly processing:
 - If you have created a network using assembly processing for a sales order and you cancel the item in the sales order, the system automatically sets the deletion flag in the network header.
 - If you have created a project or WBS element for this sales order using assembly processing, you have to set the deletion flag manually or by using a report program in the background.
- Online:
 - When you set a deletion flag online, the system checks the suitability for deletion and sets the deletion flag immediately.
- In background processing:
 - When you set a deletion flag in the background, you can mark several work breakdown structures or networks for deletion at the same time.

See also:

[Setting the Deletion Flag Online \(PS-ST-OPR\) \[Page 19\]](#)

[Setting the Deletion Flag in the Background \(PS-ST-OPR\) \[Page 20\]](#)

Deletion Flags for WBS Elements Set Before Release 3.0F

When you upgrade to Release 3.0F or later, note that the archiving program will **not** recognize any deletion flags you have set manually for operative structures in WBS element maintenance (transaction CJ02). You must remove the deletion flags that you set before upgrading and reset them online or in the background.

Setting the Deletion Flag Online (PS-ST-OPR)

Procedures



A network or work breakdown structure that is marked for deletion **cannot** be changed. However, you can remove the deletion flag from the WBS and the network as long as the deletion indicator has not been set.

In Networks

1. From the R/3 main menu, choose *Logistics/Accounting* → *Project Management* → *Operative Structures* → *Network* → *Change*.
2. Enter the network number and choose *Enter*.
The network header is displayed.
3. Choose *Edit* → *Status* → *Set deletion flag*.
The system sets the status *DFLAG*.
4. Choose *Save*.
The network is flagged for deletion.

In Work Breakdown Structures

1. From the R/3 main menu, choose *Logistics/Accounting* → *Project Management* → *Operative Structures* → *Work breakdown structure* → *Change*.
2. Enter the project definition and choose *Enter*.
The WBS element overview appears.
3. Choose *Edit* → *Status* → *Set deletion flag*.
The system sets the status *DFLAG*.
4. Choose *Save*.
The project is flagged for deletion.

Setting the Deletion Flag in the Background (PS-ST-OPR)

Setting the Deletion Flag in the Background (PS-ST-OPR)

Procedure



A network or work breakdown structure that is marked for deletion **cannot** be changed. However, you can remove the deletion flag from the WBS and the network as long as the deletion indicator has not been set.

1. From the R/3 main menu, choose *Logistics/ Accounting* → *Project Management* → *Operative Structures* → *Tools* → *Archiving* → *Project structures*.

The *Archiving Operative Project Structures* screen appears.

2. Choose *Deletion flag/deletion indicator*.
3. Enter a new name for the variant.



You can only use an existing variant, if there are no archiving jobs using this variant.

4. Choose *Maintain*.

You reach variant maintenance for archiving. The variant contains the selection criteria that the system uses to select the operative project structures to be archived.

5. Enter your selection criteria.
 - If you select *WBS assign. to ntwk header*, the system selects all the networks assigned to the specified WBS element at header level.
 - If you select *WBS assign. to ntwk activity*, the system selects all the networks assigned to the specified WBS element at activity level.
6. Choose *Deletion flag* or *Deletion indicator*.
7. Choose *Continue*.

The *Save Attributes of Variant* screen appears.

8. Enter attributes for the variant.
9. Save your entries and return
to the archive administration screen.
10. Define the start date.
11. Define the spool parameters.
12. Choose *Execute*.

Result

The system generates the deletion flags or internal deletion indicators in the background.

Setting the Deletion Flag in the Background (PS-ST-OPR)

Archiving Operative Structures in the Project System (PS-ST-OPR)

Archiving Operative Structures in the Project System (PS-ST-OPR)

Procedure

Archiving Operative Project Structures

1. From the R/3 main menu, choose *Logistics/ Accounting → Project Management → Operative Structures → Tools → Archiving → Project structures*.

The initial screen for archiving operative project structures.

2. Choose *Archiving*.



If the *Start automatically* indicator is set for the deletion program in [Customizing for Archiving \[Ext.\]](#) the system automatically starts the deletion program after the first archive file is created. You cannot undo this indicator once it is set.

3. Enter a variant.



You can only use an existing variant if there is no archiving job blocking it.

If you want to create a new variant, enter the name of the variant and choose *Maintain*.

You reach variant maintenance for archiving project structures. The variant contains the selection criteria with which the networks or projects are selected for archiving.

4. You can archive the following operative project structures:

- Networks
- Work breakdown structures (projects)
- Project versions

5. Enter the desired selection criteria.

- If you select *WBS assign. to ntwk header*, the system selects all the networks assigned to the specified WBS element at header level.
- If you select *WBS assign. to ntwk activity*, the system selects all the networks assigned to the specified WBS element at activity level.

Additional data for the project:

- Sales orders
- Other orders

6. Choose one of the following options:

- *Test run*
If you first want to check which objects are selected for archiving
- *Delete in database*
If you want to delete data at the same time

Archiving Operative Structures in the Project System (PS-ST-OPR)

If you have created an archive field without the *Delete in database* indicator, it is not possible to run the deletion program for this archive, even in SARA, the central archiving transaction.

7. Save your entries and return to the initial screen.
8. Enter the start date.
9. Enter spool parameters.
10. Choose *Execute*.

Result

The system generates the archive files in the background, as of the start date. After the archiving run you will receive a [log \[Page 17\]](#).

Displaying Archived Networks and Work Breakdown Structures (PS-ST-OPR)

Procedure

1. From the R/3 main menu, choose *Logistics/ Accounting* → *Project Management* → *Operative Structures* → *Tools* → *Archiving* → *Project structures*.
The initial screen for archiving operative project structures appears.
2. Choose *Retrieval*.
A dialog box for the PS Info Profile is displayed.
3. Enter the PS Info Profile.
The *Project Information System: Structure* screen is displayed.
4. Enter the relevant archived networks or projects.
5. Choose *Edit* → *Change database profile*.
A dialog box appears, where you can change the database profile temporarily.
6. Set the *Archive data* indicator and choose *Continue*.
The initial screen appears again.
7. Set the *From the archive* indicator for the physical origin of the data.
8. Enter the name of the archive.
9. Choose *Execute*.



Archived operative project structures **cannot be reloaded**, only read.

10. Choose *Back* to leave the Project Information System.

Displaying Control Records (PS-ST-OPR)

Procedure

1. From the R/3 main menu, choose *Logistics/ Accounting → Project Management → Operative Structures → Tools → Archiving → Project structures*.
The initial screen for archiving operative project structures.
2. Choose *Administration*.
The system displays a detailed list of information about the existing archive files.

See also:

[Archive Management: Archiving Session Overview Screen \[Ext.\]](#)

Displaying the Job Overview (PS-ST-OPR)

Displaying the Job Overview (PS-ST-OPR)

Procedure

1. From the R/3 main menu, choose *Logistics/ Accounting → Project Management → Operative Structures → Tools → Archiving → Project structures*.

The initial screen for archiving operative project structures.

2. Choose *Job overview*.

A screen appears in which you can enter criteria for the selection of jobs such as the job name, user, date, and job statuses.

3. Enter the selection criteria choose *Execute*.

The system displays a list of the selected jobs.

4. Position the cursor on an entry in the list and choose the corresponding function key to:

- Display the job log
- Display the job
- Release the job
- Display the spool list
- Display the job steps

5. To update the list, choose *Refresh*.

Archiving PS Documents (PS-COS-ACT)

Definition

Archiving object *CA_KBLX* is used to archive the following document categories:

- Funds reservations for orders, cost centers, and projects
- Fixed price agreements between projects
- Fixed price allocations

Structure

CA_KBLX considers the following database tables:

- KBLK Document header
- KBLP Document item
- KBLPW Item amounts (foreign currency)
- KBLE Document item development
- KBLEW Item development amounts (foreign currency)
- TEXT Long texts

Selection Criteria

You can select documents for archiving based on:

- Document number
- Document category

The system only archives those documents:

- That meet the selection criteria specified
- For which you have set the delete indicator

For more information, read [Criteria for Deleting Documents \[Page 33\]](#).

Document Overview (PS-COS-ACT)

Document Overview (PS-COS-ACT)

You can archive documents that you no longer need in the system. The documents are written to archive files and deleted from the database.

It is a good idea to archive documents you no longer need at regular intervals. This ensures that the system only contains the documents needed for the current commercial processes and that the database is not unnecessarily cluttered with old documents.

You use the **CA_KBLX** [archiving object \[Ext.\]](#) to archive funds reservations, fixed price agreements, and fixed price allocations.

In the text which follows, “documents” refers to documents for the funds reservations, fixed price agreements, and fixed price allocations.

Archiving and deleting documents is usually a two-step process:

1. First, the system checks that documents can be archived and sets an internal deletion indicator.
2. Data is then written to archive files and deleted from the database.

You can start archiving in test or live mode. Once archived, documents cannot be reloaded into the R/3 System.

Document Dependencies (PS-COS-ACT)

You can archive documents independently of other archiving programs.

Archiving Authorizations (PS-COS-ACT)**Archiving Authorizations (PS-COS-ACT)**

To archive funds reservation documents, you require both the general archiving authorizations and authorization for the authorization object K_KMOD_DCT with activity 24.

To archive funds reservations, fixed price agreements, and fixed price allocations you only require general authorization for archiving.

For more information on the general archiving authorizations, refer to the [authorization verification \[Ext.\]](#) documentation.

Customizing - Documents (PS-COS-ACT)

You stipulate the retention period for the funds reservation document type in the Project System IMG.

The retention period is the time (in calendar months) which must elapse between the last change to the document and the setting of the deletion indicator in the document header.



The retention period should be at least three months.

You enter the retention period for fixed price agreement/allocation documents directly in the relevant archiving selection screen.

For information on the customizing needed for process archive runs, read the [customizing overview \[Ext.\]](#).

Archiving Log (PS-COS-ACT)

Archiving Log (PS-COS-ACT)

The system creates a standard log for each archive file generated.

For more information, refer to [Standard Log \[Ext.\]](#).

Criteria for Deleting Documents (PS-COS-ACT)

To archive funds reservation, fixed price agreement, or fixed price allocation documents, you must set the deletion indicator in the document header.

You can then archive the document and delete it from the database.



An order that has been flagged for deletion cannot be changed. You can display the document, but cannot search for it using matchcodes.

The deletion indicator cannot be reset. Once archived, documents cannot be reloaded into the R/3 System.

Prerequisites for Setting the Deletion Indicator

Depending on the document category, each document must meet certain prerequisites before you can set the deletion indicator.

- Funds reservation

All document items must be flagged *Complete* or have been deleted.

The last change to the document must be a defined number of months in the past. The term "change" in this context includes reduction postings.

- Fixed price agreement

All document items must be flagged *Complete* or have been deleted.

The last change to the document must be a defined number of months in the past. The last fixed price allocation must lie a similar period in the past.

- Fixed price allocation

The items in the fixed price agreement to which the clearing line items refer must be flagged *Complete*.

The document must have been entered a defined number of months ago (retention period).



A document item is also regarded as complete when the relevant WBS elements have been deleted.

For information on the document, particularly on when it was last changed and whether the deletion indicator has been set, refer to the document header. To access the detailed information on the document header from the document display, choose *Goto* → *Detail document header*.

Criteria for Deleting Documents (PS-COS-ACT)

Setting the Deletion Indicator - Documents (PS-COS-ACT)



The deletion indicator cannot be reset.

1. Go to the *Operative Structures* menu and choose *Tools* → *Archiving* → *Funds res./Fxd price* → *Set deletion indicator*.
You reach the *Funds Resvsn/Fixed Price Agmt/Allocation: Set Deletion Indicator* screen.
2. Enter a document number or document number interval.
3. Choose the document categories you require.
4. Enter a key date. The retention period will be counted back from this date.
In the standard system, the system enters the system date in this field.
5. If you want to archive fixed price agreement/allocation documents, specify the retention period. For funds reservation archiving, the system takes the retention period from the document type.
6. If you want to carry out a test run first, check off the appropriate field.
7. Choose *Execute*.

You can save your entries here as a variant. You can also set the deletion indicator and carry out the archiving run in background processing.

[Criteria for Deleting Documents \(PS-COS-ACT\) \[Page 33\]](#)

Creating Document Archive Files (PS-COS-ACT)**Creating Document Archive Files (PS-COS-ACT)**

Go to the *Operative Structures* menu and choose *Tools* → *Archiving* → *Funds res./Fxd price* → *Create archive*.

You reach the initial *Archive Management* screen.

For more information, see [Archive Management: Create Archive Files \[Ext.\]](#).

Managing Documents (PS-COS-ACT)

Go to the *Operative Structures* menu and choose *Tools* → *Archiving* → *Funds res./Fxd price* → *Archive management*.

You reach the management list for all archiving runs for archiving objects.
The list contains information on the existing archive files.

For more information, see [Archive Management: Overview of Archiving Runs \[Ext.\]](#).

Archiving Standard Networks (PS-ST-TMP)

Archiving Standard Networks (PS-ST-TMP)

Definition

You use the PS_PLAN archiving object to archive standard networks together with all transaction data in the Project System

Use

The archiving object contains the following information:

- Activities and activity elements
- Relationships
- Material components
- Production resources/tools
- Milestones
- Purchasing data (purchasing info record and vendor master record)
- Classification data

The system generally archives and deletes the data in two steps. In the first step the system checks the deletion flags and sets an internal deletion indicator. In the second step the system writes the data to archive files and deletes it from the database.

You can archive data from the following database tables using archiving object PS_PLAN:

Table	Description
PLKO	Standard network header
PLKZ	Time-independent header data (for example, administrative data)
KALC	Formulas for material quantity calculation
KALT	Texts for the formulas
PLPO	Activities
PLAS	Assignments of activities to sequences
PLMZ	Material component assignments
PLFH	Production resources/tool assignments
PLAB	Relationships
MLST	Milestones
MLTX	Milestone texts
EINA	Purchasing info record (general data)
EINE	Purchasing info record (data for purchasing organization)

Selection Criteria (PS-ST-TMP)

Selection Criteria (PS-ST-TMP)

You can use the following criteria to select standard networks to be archived or deleted:

- Last time the standard network was called
- Standard network
- Alternative
- Plant
- Status
- Use
- Planner group
- Deletion flags



If you do **not** explicitly select the *Deletion flag* indicator as a selection criterion, then standard networks are archived or deleted regardless of whether they have a deletion flag or not.

Customer-Specific Selection Criteria

If the selection criteria from the standard program is not sufficient for your requirements or if you want other criteria, you can define your own selection criteria in the program.

Proceed as follows to define your own selection criteria:

1. Define your own archiving object. Use the archiving object PS_PLAN to copy from.
2. Write your own selection report. Use the program RPSREWR1 to copy from. You only need to make two changes: RCPPSSEL for *Selection parameters* and RCPPSF01 for *Selections*.

Checks (PS-ST-TMP)

The system does not check standard networks for usage before they are deleted from the database. If you want to check for customer-specific criteria use the customer enhancement CPRE0001.

See also:

[The Network Graphic \[Ext.\]](#)

Technical Data (PS-ST-TMP)**Technical Data (PS-ST-TMP)****Storage Requirements**

A standard network with 12 activities, four material components, and two production resources/tools requires approximately 40 kilobytes of storage space.

You can check the maximum length of the individual data records in the Data Dictionary information system. See: [Memory Increase \[Ext.\]](#)

Authorizations (PS-ST-TMP)

To archive or delete standard networks in the Project System you require change authorization for standard networks and archiving authorization from the following table:

Authorization Object	Description	Activities
C_ROUT	Authorizations for routings	24, 41

See also:

[General authorization checks \[Ext.\]](#)

Standard Log

Standard Log

Features

The standard log contains the following information for each archiving run or archive file:

- Number of archived data objects
- Associated tables
- Number of table records processed

Creating Archive Files (PS-ST-TMP)

Procedure

1. From the R/3 main menu, choose *Logistics/ Accounting → Project Management → Standard Structures → Standard network → Archiving*.

You reach the initial screen for archive management.

2. Enter the name of the archiving object **PS_PLAN** and choose *Archiving*.



If the *Start automatically* indicator is set for the deletion program in [Customizing for Archiving \[Ext.\]](#) the system automatically starts the deletion program after the archiving run. Note that this option is set in the standard system.

If you deselect this indicator you have to start the deletion program manually. This brings with it the danger that standard networks are archived several times. If, when you start archiving, there are archiving runs that still exist whose data has not yet been deleted, the system displays a warning message.

3. Enter a variant.



You can only use an existing variant if there is no archiving job blocking it.

If you want to create a new variant, enter the name of the variant and choose *Maintain*.

You branch to variant maintenance for archiving standard networks. The variant contains the selection criteria for determining which standard networks will be archived.

4. Enter the selection criteria.
5. Choose one of the following options:

- *Objects deleted online*
If you want to archive the standard network activities or standard networks online in the maintenance transaction.
- *Complete standard networks*
If you only want to archive complete standard networks
- *Check task list indicator*
If you have maintained the customer extension CPRE0001 and want to check the standard networks to be archived according to your own criteria.
- *Log*
If you want the archiving run to be completed before you see the information messages. The information for all standard networks that have not been archived because of the customer enhancement check CPRE0001 is then collected in a log.

If this indicator is **not** set, the archiving run terminates as soon as a standard network is still being used according to your criteria.

Creating Archive Files (PS-ST-TMP)

6. Save your entries and return
to the initial screen.
7. Define the start date.
8. Define the spool parameters.
9. Choose *Execute*.

Result

The system generates the archive files in the background, as of the start date. After the archiving session, you receive a [log \[Page 44\]](#).

See also:

[Archive Management: Generating Archive Files \[Ext.\]](#)

Starting the Deletion Program (PS-ST-TMP)

Prerequisites

You cannot start the deletion program until archiving is complete.

Procedure

1. From the R/3 main menu, choose *Logistics/ Accounting* → *Project Management* → *Standard Structures* → *Standard network* → *Archiving*.

The initial screen for archiving management appears.

2. Enter the name of the archiving object (**PS_PLAN**) and choose *Delete*.

You reach the initial screen for archive management. Start the deletion program.

If you want to check which objects are selected for deletion, set the *Test run* indicator.

3. Press *Archive selection*.

A dialog box appears with all of the archive runs that exist for the PS_PLAN archiving object. **Usually this is the last archive run you carried out.**

4. If you only want to process certain archive files, choose *Display files*.

Next is a dialog box showing all the archiving runs and corresponding archive files which the system has not yet processed. Select the required archiving files.

If you process a complete archiving run select the archiving run.

5. Choose *Continue*.
6. Define the start date.
7. Define the spool parameters.
8. Choose *Execute*.

Result

The standard networks selected are deleted on the start date in the background. At the end of the deletion program, you receive a [standard log \[Page 44\]](#).

See also:

[Archive Management: Starting a Deletion Program \[Ext.\]](#)

Deleting Data Without Archiving (PS-ST-TMP)

Deleting Data Without Archiving (PS-ST-TMP)

Procedure



Deleting data without archiving can lead to loss of data. You should only use this type of deletion for data that you have created for test purposes.

1. From the R/3 main menu, choose *Logistics/ Accounting* → *Project Management* → *Standard Structures* → *Standard network* → *Delete*.

You reach the initial *Deletion of standard networks without archiving* screen.

2. Enter your selection criteria.



If you do **not** explicitly select the *Deletion flag* as a selection criterion, then standard networks regardless of whether they have a deletion flag or not.

3. Choose one of the following options:

- *Objects deleted online*

If you want to finally delete from the database the activities or standard networks which have already been deleted online in the maintenance transactions.

- *Complete task lists*

If you only want to delete complete standard networks from the database

- *Check task list indicator*

If you have maintained the customer enhancement CPRE0001 and want to check the standard networks to be deleted according to your own criteria.

- *Log*

If you want the archiving run to be completed before you see the information messages. The information for all standard networks that have not been archived because of the customer enhancement check CPRE0001 is then collected in a log.

If this indicator is **not** set the archiving run terminates as soon as a standard network is still being used according to your criteria.

4. Choose *Execute*.

Result

The R/3 System deletes the standard networks online.