

# Project System (PS)



**Release 4.6C**



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## Project System (PS)

The table below contains the archiving objects that are available for the Project System.

Objects in the Project System	Archiving object
Operative project structures	<a href="#">PS_PROJECT [Page 6]</a>
Standard networks	<a href="#">PS_PLAN [Page 36]</a>
Documents for transfer price agreements and transfer price allocations	<a href="#">CO_FIXEDPR [Page 30]</a>

## Archiving Operative Project Structures (PS-ST-OPR)

### Definition

Archiving object PS\_PROJECT is used for archiving and deleting operative objects in the Project System, for instance, [networks \[Ext.\]](#) and [work breakdown structures \(WBS\) \[Ext.\]](#) as well as all transaction data and project versions.

### Use

With this object you archive data in and around the Project System, for example:

- WBS 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 (PRT)
  - Milestones
  - Delivery information
  - Assignments of delivery information to activities
  - Assignments of delivery information to components
  - Classification data
  - 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 with a [status-dependent project version \[Ext.\]](#), the SAP System automatically archives this project version together with the other data. You must archive [time-dependent project versions \[Ext.\]](#) separately. You cannot archive simulation versions.

In general you archive and delete data in three stages:

First you set deletion flags. In the second stage you set deletion indicators. In the case of networks, this is only possible after [residence time 1 \[Ext.\]](#) has expired. In the third stage (for networks after [residence time 2 \[Ext.\]](#)) you start the archiving run. The system writes the data to the archive and deletes it from the database.

**Structure**

You can use archiving object PS\_PROJECT to archive data from the following database tables:

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
		PRPS_ARC

## Archiving Operative Project Structures (PS-ST-OPR)

		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
Activity	P_OPR	AFABD
		AFFHD
		AFFLD
		AFVGD
		EVFG
		EVOF
		LFINF
		LFINFX
		MLSTD
Component	P_COMP	LFINF
		LFINFX
		RESBD

Object	Archiving class	Segment
Project version	PS_VSORDER	VSAFAB_CN



Archiving Operative Project Structures (PS-ST-OPR)

		VSAFFH_CN
		VSAFFL_CN
		VSAFIH_CN
		VSAFKO_CN
		VSAFPO_CN
		VSAFVC_CN
		VSAFVU_CN
		VSAFVV_CN
		VSAUFK_CN
		VSEBAN_CN
		VSEBKN_CN
		VSFPLA_CN
		VSFPLT_CN
		VSJEST_CN
		VSJSTO_CN
		VSKBED_CN
		VSKBEZ_CN
		VSKOPF
		VSMLST_CN
		VSNPTX_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
		AFIH

## Archiving Operative Project Structures (PS-ST-OPR)

		AFKO
		AFPO
		AFVC
		AFVU
		AFVV
		AUFK
		PLAF
		VBAK
		VBAP

## 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.

## Checks (PS-ST-OPR)

Before it physically deletes project data, the system conducts several checks:

- When you set the system status *Deletion flag* (DLFL) for a network or work breakdown structure  
The network or WBS and their assignments are subjected to extensive tests. For details of the conditions under which the system status can be set, see [System Statuses in Networks \[Ext.\]](#) and [System Statuses in Work Breakdown Structures \[Ext.\]](#).
- When you set the deletion indicator  
The system checks whether the status *Deletion flag* has been set. It also checks for networks whether [Residence Time 1 \[Ext.\]](#) has expired.
- During the archiving run  
The system checks whether the deletion indicator has been set. It also checks for networks whether [Residence Time 2 \[Ext.\] \[Ext.\]](#) has expired.

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

Certain data cannot be deleted with the project, but only in the relevant application, for instance FI documents, production resources/tools.

See also:

[Dependencies \(PS-ST-OPR\) \[Page 15\]](#)

Some data cannot be deleted at all, for example:

- Work breakdown structures that were distributed using ALE
- Classifying attributes for networks or network activities used for project summarization with classification
- Organizational assignments to WBS elements
- Partner functions for WBS elements
- Delivery addresses from delivery information for WBS elements/networks
- Data for monitoring dates of material components
- Stock segments for project stock
- BOMs for standard networks

---

**Data that Cannot be Archived (PS-ST-OPR)****Data that Cannot be Archived (PS-ST-OPR)**

You can delete the following data, but not archive it:

- Billing plan for WBS element
- Invoicing plan for network activity or component
- Unit costing for network activity or component
- Additional attributes for project summarization using master data characteristics
- Classification data for summarization of WBS elements
- Classification data for order summarization of networks
- Characteristic value assignments in variant configuration
- Delivery information for networks/work breakdown structures
- Delivery addresses for material components in third party orders
- Capacity requirements
- Workforce planning

## Dependencies (PS-ST-OPR)

Project objects or assignments to projects that have deletion flags can lead to inaccuracies in some applications or functions. This behavior is summarized in the following table:

Application/Function	Object	System Behavior	Remedy
Project information system	Networks/ activities / orders in general with deletion flag	Networks/ activities / orders in with deletion flags that have been assigned to a project are only taken into account in the structure overview.	
	Work in activities with deletion flags	The work in activities with deletion flags is no longer displayed. This can mean that the total work in the structure overview is incomplete.	Evaluate the activity quantities in the cost element report. as a result the activity quantities are summarized on the WBS element.
Project information system/ period end closing	Costs and revenues of networks / activities /orders that have deletion flags	Costs (and if applicable revenues) of networks / activities /orders that have deletion flags are summarized on the WBS element to which they are assigned. As a result they appear in the project information system and period end closing ( for example in results analysis and settlement). The link to the network or order number is lost. Reconciliation between the cost element report and the line item report at WBS element level is no longer possible.	

## Dependencies (PS-ST-OPR)

Progress determination	Percentage of completion of activities with deletion flags	The percentage of completion of activities with deletion flags is not taken into account in progress determination. This can lead to the summarized degree of completion for the superior WBS element being incorrect.	Execute progress determination <b>before</b> you set the deletion flag. The correct percentage of completion is then summarized on the superior WBS element.
Cost planning	Archiving a project with plan-integrated WBS elements	If you archive a project with plan-integrated WBS elements, the corresponding plan values are also deleted. Afterwards the CO planning is incomplete in the corresponding planning periods and can no longer be reconciled. This can lead to follow-on errors in cost accounting. For example, rates for cost centers/activity types cannot be changed, as the receiver record of the activity input plan for the WBS element no longer exists.	Only archive projects with plan-integrated WBS elements, if the relevant planning periods are not be changed.
Project summarization	Projects with deletion flags in general	Project summarization does not take projects with deletion flags into account. A new calculation of past periods can therefore lead to differing results.	Only set a deletion flag for a project after you have carried out project summarization for the last relevant posting period.



Dependencies (PS-ST-OPR)

<p>Business Information Warehouse (BIW)</p>	<p>Cost of orders and networks that have deletion flags and are assigned to projects</p>	<p>In BIW the costs from activities and orders with deletion flags are displayed on the object itself and, summarized, on the superior WBS element.  As of BIW Release 2.0 you can also see status information, e.g. DLFL, in BIW too.</p>	<p>To prevent the costs being presented twice in BIW, you should set a filter for orders/networks/activities that have a deletion flag or have been deleted. After you have set the deletion flag, wait till the next data transfer to BIW before you archive the data.</p>
<p>Confirmation</p>	<p>Archiving confirmation documents</p>	<p>Confirmation documents cannot be archived independently of networks.</p>	
<p>Display of documents</p>	<p>Archived project with WBS elements to which SD-, FI-documents have been assigned.</p>	<p>The number of a WBS element to which the document is assigned, can no longer be displayed or evaluated if the corresponding project has been archived.</p>	

## 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 for 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 \[Ext.\]](#)

## 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 \(PS-ST-OPR\) \[Page 15\]](#)

## 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 ()

### Use

The person with project authorization usually sets the status *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.

### Prerequisites

For information about the prerequisites for setting the system status *Deletion flag* (DLFL), see [System Status in Work breakdown Structures \[Ext.\]](#) and [System Status in Networks \[Ext.\]](#)

### Features

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

- Online:

The system checks whether the object can be deleted and sets the deletion flag immediately. For more information, see [Setting Deletion Flags Online \(PS-ST-OPR\) \[Page 23\]](#).

- In background processing:

When you set a deletion flag in the background, you can select several work breakdown structures or networks for deletion at the same time. For more information see [Setting Deletion Flags in the Background \(PS-ST-OPR\) \[Page 24\]](#).



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.

#### See also:

[Setting the Deletion Flag Online \(PS-ST-OPR\) \[Page 23\]](#)

[Setting the Deletion Flag in the Background \(PS-ST-OPR\) \[Page 24\]](#)

#### 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.

Deletion Flags ()

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

### Use

If you are editing a project, you can set a deletion flag for a network or a work breakdown structure in the editing transaction.



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.

### Procedure

1. Open the network or work breakdown structure, for instance in the Project Builder.
2. Select the network or work breakdown structure.
3. Choose *Edit* → *Status* → *Deletion flag* → *Set*

The system sets the status *DLFL*.

4. Choose *Save*.

The network is flagged for deletion.

See also:

[Project Builder \[Ext.\]](#)

## 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. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *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 and choose  *Maintain*.



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

4. Enter your [selection criteria \[Page 19\]](#).
4. Choose *Set deletion flag* or *Set deletion indicator*.
5. Choose  *Attribute*.

The *Save Attributes of Variant* screen appears.

7. Enter attributes for the variant.
8. Save your entries and return  
The initial screen appears.
9. Enter the start date.
10. Define the spool parameters.
11. Choose .

### Result

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



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



You cannot archive individual WBS element or substructures. It is only possible to archive the complete structure of a work breakdown structure (including project definition).

### Procedure


1. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *Tools* → *Archiving* → *Project structures*.

The *Archiving Operative Project Structures* screen appears.

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 an existing or new variant and choose  *Maintain*.



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

You can archive the following operative project structures:

- Networks
  - Work breakdown structures (projects)
  - Project versions
4. Enter the desired [selection criteria \[Page 19\]](#).
  5. 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




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.

6. Save your entries and return

---

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

The initial screen appears.

7. Enter the start date.
8. Define the spool parameters.
9. Choose .

**Result**

The system generates the archive files in the background, as of the start date. After the archiving run you will receive a [log \[Page 20\]](#).

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

### Procedure

1. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *Tools* → *Archiving* → *Project structures*.

The *Archiving Operative Project Structures* screen appears.

2. Choose *Retrieval*.

A dialog box appears.


3. Enter the PS Info Profile.

The *Project Information System: Archived Data Initial Screen* appears.

4. Enter the relevant archived networks or projects.

5. Choose  *Change DB profile*.


A dialog box appears, where you can change the database profile temporarily.

6. Set the *Archive data* indicator and choose .

The initial screen appears again.

7. Set the *From the archive* indicator.

8. Enter the name of the archive.

9. Choose .



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. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *Tools* → *Archiving* → *Project structures*.

The initial screen for archiving operative project structures appears.

2. Choose *Administration*.


The system displays a detailed list of information about the existing archive files.

### See also:

[Display Details of an Archiving Run \[Ext.\]](#)

## Displaying the Job Overview (PS-ST-OPR)

### Procedure

1. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *Tools* → *Archiving* → *Project structures*.  
The initial screen for archiving operative project structures appears.
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-REV-TRF)

## Archiving PS Documents (PS-REV-TRF)

### Definition

You use archiving object *CO\_FIXEDPR* to archive the following document types:

- Transfer price agreements
- Transfer price allocations

For simplicity these two document types are referred to as documents in the remainder of this topic.

### Structure

You can use archiving object *CO\_FIXEDPR* to archive data from the following database tables:

Tables	Description
KFPK	Document header
KFPP	Document item
KFPPW	Item amounts in differing currencies
KFPE	Allocation history
KFPEW	Allocation amounts in differing currencies
KFPPI	Index for transfer price agreements for an object

## Variant Settings (PS-REV-TRF)

### Use

You enter selection criteria for the archiving object *CO\_FIXEDPR* in the variant for the archiving run.

### Features

The following selection criteria are available:

- ◆ Controlling Area
- ◆ Document number
- ◆ Document type


You can start archiving in test mode, as an archiving run, or an archiving and deletion run.

## Checks (PS-REV-TRF)

**Checks (PS-REV-TRF)**

The archiving program checks before it archives the documents whether a deletion indicator has been set in the header of the document to be archived.

Before a deletion indicator can be set the following prerequisites must be met:

Transfer Price Agreement	Transfer Price Allocation
<ul style="list-style-type: none"> <li>• You set the <i>Completed</i> indicator for all items</li> <li>• The last transfer price allocation is a certain period in the past, corresponding to the residence time.</li> </ul>	<ul style="list-style-type: none"> <li>• The allocation items refer to items in the transfer price agreement that have the <i>Completed</i> indicator set.</li> </ul>
<ul style="list-style-type: none"> <li>• The last change or entry in the document is a certain period in the past, corresponding to the residence time  <p style="margin-left: 40px;">You enter the residence time for transfer price agreements and allocations in the document type. You can do this in Customizing for the Project System for example under <i>Revenues and Earnings</i> → <i>Transfer Prices for Individual Projects</i> → <i>Maintain Document Types for Transfer Price Agreements</i>.</p> <p style="text-align: center;"></p> <p>You can find information about when the document was last changed and whether the deletion indicator has been set in the detailed information for the document header.</p> </li> </ul>	



## Authorizations (PS-REV-TRF)

To archive documents you require authorization for the following authorization objects:

Transfer Price Agreement	Transfer Price Allocation
K_KFPP_DCT with activity 24	K_KFPI_DCT with activity 24

**See also:**

For more information on general authorization for archiving, see [Authorization Checks \[Ext.\]](#)

## Archiving documents (PS-REV-TRF)

**Archiving documents (PS-REV-TRF)**

The following functions are available for the *CO\_FIXEDPR* archiving object.

To call up these functions choose *Logistics/Accounting* → *Project System* → *Basic Data* → *Tools* → *Archiving* → *Transfer price agreement/allocation* and then the relevant function.

Function	Procedure	What You Should Know
Set deletion indicator	<b>See:</b> <a href="#">Set deletion indicator [Page 35]</a>	Before you can archive data you must set the deletion indicator. Deletion indicators cannot be cancelled.
Create archive	<ol style="list-style-type: none"> <li>Maintain a variant with the corresponding <a href="#">selection criteria [Page 31]</a></li> <li>Enter <a href="#">the start date [Ext.]</a> and the <a href="#">spool parameters [Ext.]</a></li> </ol> <p>The system creates the archive file on the start date in the background. After the archiving run you receive a <a href="#">standard log [Ext.]</a></p>	Archived documents cannot be loaded back into the SAP System.
Manage archive	<p>Here you can display information on existing archives in the form of a list of all archiving runs for archiving object <i>CO_FIEDPR</i>.</p> <p><b>See also:</b>  <a href="#">Archiving Administration: Archiving Session Overview [Ext.]</a></p>	

## Setting Deletion Indicators (PS-REV-TRF)

### Prerequisites

See: [Archiving PS Documents \(PS-REV-TRF\) \[Page 32\]](#)

### Procedure




Deletion indicators cannot be cancelled.

1. Choose *Logistics/Accounting* → *Project System* → *Basic Data* → *Tools* → *Archiving* → *Transfer price agreement/allocation* → *Set deletion indicator*.

The initial screen for setting the deletion indicator appears.

2. Enter the document number or a range of numbers.
3. Select the required document type.
4. Enter the key date from which the system should subtract the residence time

The default for the key date is today's date.

5. To first execute a test run, select the *Test run* indicator.
6. Choose .

## 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)



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**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: RCPPSEL 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)

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

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**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. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *Templates* → *Standard Network* → *Archive*.

The initial screen for archive management appears.

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  
The initial screen appears.
7. Enter the start date.
8. Define the spool parameters.
9. Choose .

**Result**

The system generates the archive files in the background, as of the start date. After the archiving session, you receive a [log \[Page 42\]](#).

**See also:**

[Archive Administration \[Ext.\]](#)

## Starting the Deletion Program (PS-ST-TMP)

### Prerequisites

You cannot start the deletion program until archiving is complete.

### Procedure

1. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *Templates* → *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 .
6. Enter the start date.
7. Define the spool parameters.
8. Choose .

### 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 \[Page 42\]](#).

#### See also:

[Deleting Archived Data from the Database \[Ext.\]](#)

## 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. Choose *Logistics/ Accounting* → *Project System* → *Basic Data* → *Templates* → *Standard Network* → *Delete*.

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.