

LE - Logistics Execution



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LE - Logistics Execution

The following table shows the available archiving objects:

Objects in LE	Archiving Objects
Warehouse Management Records	RL * [Seite 7]
Deliveries	RV LIKP [Seite 13]
Shipment Documents	SD VTTK [Seite 29]
Shipment Cost Documents	SD VFKK [Seite 33]

Archiving Warehouse Management Records (LE-WM)

Archiving Warehouse Management Records (LE-WM)

Batch programs have been provided to archive records in the Warehouse Management (WM) system and delete old data that is no longer needed in the system. These programs can be used to free space in the database and to provide accessible records for future reference.

[Object Definition \(LE-WM\) \[Seite 7\]](#)

[Program Technical Data \(LE-WM\) \[Seite 8\]](#)

How to...

[Set up the System to Run Archiving Programs \(LE-WM\) \[Seite 9\]](#)

[Archive Warehouse Management Records \(LE-WM\) \[Seite 10\]](#)

[Make a Test Run \(LE-WM\) \[Seite 11\]](#)

[Read Archived Data \(LE-WM\) \[Seite 12\]](#)

Object Definition (LE-WM)

For the Warehouse Management (WM) system, you can archive WM records using the objects and reports listed in the following table:

Objects/Reports used for Archiving Warehouse Management Records

Object	Tables to be archived	Report	Records
RL_TA	LTAK, LTAP	RLREOT00	Transfer orders
RL_TB	LTBK, LTBP	RLREOB00	Transfer requirements
RL_LUBU	LUBU	RLREOU00	Posting change notices
RL_LINKP	LINK, LINP	RLREOI00	System inventory records
RL_LINV	LINV	RLREOH00	Inventory histories
RL_LSEG	LSEG	RLREOL00	Warehouse material movements

These reports archive processed records that have been in the WM system for a specified number of days. Using these programs, it is possible to archive records for several warehouse numbers simultaneously.



When you archive transfer orders that are earmarked for the entry of worker performance data, the system checks to see whether the performance data was completely processed. This is checked in the logical RTL database.

For test purposes, you can display a list of the number of records that will be archived and deleted from the system before actually archiving them. Additionally, you can read data that has been archived.

Program Technical Data (MM-WM)**Program Technical Data (MM-WM)****Memory Requirement**

The amount of memory needed to archive records varies with the size and number of objects archived. For example, the memory requirement for archiving transfer orders (TOs) is based on the following formula:

$$(\text{TO header length} + \text{avg. no. of items}) \times \text{no. of TOs}$$

Run Time

The time needed to run the archiving program depends on the number of records that are archived and the system load and performance.

Set up the System to Run Archiving Programs (LE-WM)

Set up the System to Run Archiving Programs (LE-WM)

1. Check the path and archive names that are in the platform-independent table of archive names. The system then references a physical data path that you can maintain as a system parameter.

You can find information about how to do this step in the Basis Implementation Guide.

2. Create variants for the reports:
 - Use [Customizing for Archiving \[Extern\]](#) for the deletion report.
 - Use the archiving management transaction **SARA** for the archiving report.
3. In [Customizing for Archiving \[Extern\]](#), you determine the size of the archive file in MB and define the maximum number of documents for each archive file.
4. If you want to save the archive optically, you also have to maintain the data for optical archiving in [Customizing for Archiving \[Extern\]](#). For information about optical archiving, see the documentation on this topic.

In any case, you have to maintain the spool data and can decide whether you want the summary of the archived and deleted documents to be printed or stored in a spool file.

You can find archiving management data using the transaction **SARA**. The PATH and FILE names under which the data is archived are of particular significance.

Archive Warehouse Management Records (MM-WM)

Archive Warehouse Management Records (MM-WM)

To archive documents, we recommend that you do not start the archiving reports directly, but rather in the background using the archiving management transaction **SARA**.

Archiving and the deletion of records from the data base are separated into two reports. The archiving programs create the archives and then start the deletion programs as a separate job for each archive. The deletion reports can only delete data that they read from the archives (see also [The Archiving Procedure \[Extern\]](#)).

The size of the archive files can be set in advance. Since archiving and deletion programs are processed simultaneously, system performance is improved significantly when processing large quantities of data.

Make a Test Run (MM-WM)

To determine how many documents will be archived, you can start these reports directly for a test run. You can also print the displayed list.

1. Select *System* → *Services* → *Reporting* from any SAP menu.

The system displays the initial screen for starting reports.

2. Enter the report name (see table under [Object Definition \(MM-WM\) \[Seite 7\]](#)) in the *Program* field and select *Execute*.

The system displays the initial screen.

3. Select only the check box for the *Test run (do not delete)* field on the initial screen of each report and enter the number of days beyond which the records are to be archived. Do not select the checkbox for the *Create archive* field.

You can also place a time limit on the archiving programs. For example, you can limit the batch program to archive all transfer orders that have been confirmed prior to 90 days ago. The system default is 200 days.

4. To display the log, select *Execute*.



When you start the report to archive and delete documents using the archiving management transaction **SARA**, the system does not display a log online because these programs are started as a batch process.

Read Archived Data (MM-WM)

Read Archived Data (MM-WM)

To read data that has been archived, select *System* → *Services* → *Reporting* from any menu and enter one of the following in the *Program* field.

- RLRB0001 Transfer requirements
- RLRT0001 Transfer orders
- RLRU0001 Posting change notices
- RLRI0001 Inventory documents
- RLRH0001 Inventory histories

The WM archive files have the general logical file name "ARCHIVE_DATA_FILE". You can start the reports used for reading the archived files from archive management.

Archiving of Deliveries (LE-SHP)

Definition

Archiving object *RV_LIKP* for archiving deliveries (inbound and outbound deliveries).

See also:

[The Archiving Object \[Extern\]](#)

Use

Before using the archiving object, you should first check the application Customizing.

See also:

[Application Customizing \(LE-SHP\) \[Seite 23\]](#)

Structure

Tables

When you use the archiving object *RV_LIKP*, the system archives data from the following tables:

Table reference

Table	Table Name
EIKP	Foreign trade: Export/Import item data
EIPO	Foreign trade: Export/Import header data
LIKP	Sales and distribution document: Delivery: Header data
LIPS	Sales and distribution document: Delivery: Item data
LIPSDG	Appendix table for dangerous goods data
NAST	Output status
SADR	Address management: Company data
VBFCCL	Sales document flow cluster
VBPA	Sales document: Partner
VBUK	Sales document: Header status and administrative data
VBUP	Sales document: Item status
VBUV	Sales document: Incompletion log
LIPSDG	Appendix table for dangerous goods data
DLFLD	Delivery fields that cannot be changed (Decentralized WM)
LIPSPO	LIPS reference data for purchase order (Decentralized WM)
LIPSRF	LIPS reference data for purchase order (Decentralized WM)

Archiving of Deliveries (LE-SHP)



You can carry out archiving for handling units using the archiving object LE_HU (see also [Archiving Handling Units \(LO-HU\) \[Extern\]](#))

The following archiving classes are also archived:

- [Tables for Archiving Class TEXT \[Extern\]](#)
- [Tables for Archiving Class CHANGEDOCU \[Extern\]](#)

Function

The following functions are available for RV_LIKP:

Function/report assignment

Function	Report
Archive	S3LIKPWR
Delete	S3LIKPDN
Analyze	S3LIKPAU
Checking	S3LIKPPT
Restore	S3LIKPRL

See also:

[Variant Settings for Archiving \(LE-SHP\) \[Seite 19\]](#)

[Variant Settings for Reloading \(LE-SHP\) \[Seite 22\]](#)

[Analyzing an Existing Archive \(LE-SHP\) \[Seite 25\]](#)

[Variant Settings for Checking \(LE-SHP\) \[Seite 21\]](#)

Calling Up Archiving

To archive sales activities, choose *Environment* → *Archive documents* → *Deliveries* on the [Shipping Screen \[Extern\]](#). To archive inbound deliveries, choose *Environment* → *Archive documents* → *Inbound deliveries* on the [Shipping Screen \[Extern\]](#).

Alternatively, you can also call up archive administration via *Tools* → *Administration* and then *Administration* → *Archiving*. Enter the object name **RV_LIKP**.

Integration

Inbound deliveries should be archived before sales documents and billing documents. This sequence is a result of the way the documents are linked via document flow.

Inbound deliveries that are not relevant for goods movements can only be archived after the underlying purchase order has been archived. Inbound deliveries that are relevant for goods movements are complete after the goods receipt posting, and they can be archived directly after the other conditions have been checked successfully.

If corresponding shipments exist (LE-TRA), deliveries can only be archived after these shipments have been archived successfully.

Special Features in Archiving (LE-SHP)**Special Features in Archiving (LE-SHP)****Check Suitability for Archiving**

When using deliveries, a report (S3LIKPPT) is provided for carrying out a check on suitability for archiving.

See also:

[Variant Settings for Checking \(LE-SHP\) \[Seite 21\]](#)

Checks (LE-SHP)

The following checks are carried out on a delivery before it can be archived.

- Residence time
- Flow (mandatory)
- Status of the shipment document
- Status of billing document
- FI (optional)
- Check residence of flow documents (optional)
- Alternative database access (optional)

Residence time

A delivery can only be archived if a period defined in Customizing (residence time) has elapsed since the completion date (**see also:** [Application Customizing \(LE-SHP\) \[Seite 23\]](#)).

For this purpose, the system checks the following entries for the outbound delivery:

- If a residence time is maintained for delivery type and sales organization, then this value is checked in the document. If no entry exists, then the search is carried out using only the sales organization. If no entry exists for this either, then the standard value of 30 days is used.

For this purpose, the system checks the following entries for the inbound delivery.

- The residence time is checked only on the basis of the delivery type since inbound deliveries are not assigned to any sales organization. In Customizing, maintain the entry *Sales organization*, as described under [Application Customizing \(LE-SHP\) \[Seite 23\]](#).

The selection screen for the variants contains the checkbox *Check doc. flow residence*, with which you can set the basis for calculation of the residence time.

- If the checkbox is *not* set, then the residence time is calculated on the basis of the creation date of the document.
- If the checkbox is set, then the residence time is calculated on the basis of the last flow document

Status of the shipment document

In the next stage, the transportation planning status is checked. If the shipment containing the delivery has a status of 'A' or 'B' (not processed or partially processed), then the delivery cannot be archived. If the shipment has status C (completed), then the system also checks whether it has already been archived. If this is not the case, then the delivery cannot be archived.

Status of billing document

In the final stage, the status of the billing document is checked for the outbound deliveries, that is, the system checks whether the billing document has been forwarded to Financial Accounting. The checking sequence for sales organization and delivery type is the same as for the residence time. If no entry exists, then the status is set to 'X' (= to check).

Checks (LE-SHP)**Accounting documents**

If the checkbox *Check FI document* is set, the system checks whether the billing document is settled in Financial Accounting (e.g. via payment).

Alternative Database Access

If you select the Alternative DB access checkbox, you allow the database to use an alternative method for carrying out data procurement. This can, for example, be used to improve performance of the archiving program.

Variant Settings for Archiving (LE-SHP)

Use

You can set the archiving criteria in variant settings for archiving.

Range of Functions

The following options are available:

Entry Fields

- *Document selection*
Select the documents to be archived.
- *Delivery type*
Choose the delivery type of the deliveries to be archived. In one archiving run, you can process either outbound deliveries only or inbound deliveries only.

Checkboxes

- *Create archive*
Select this option if you want to create archive files.
- *Deletion program in test mode*
If you do not want the archived data to be deleted automatically after the archive files have been created, select this option.
This option is ignored if *Create archive* has been deactivated.
- *Check FI document (optional)*
If the checkbox *Check FI document* is set, the system checks whether the billing document is settled in Financial Accounting (e.g. via payment).
- *Check residence of flow documents*
 - If the checkbox is *not* set, then the residence time is calculated on the basis of the creation date of the document.
 - If the checkbox is set, then the residence time is calculated on the basis of the last flow document
- *Alternative Database Access*
If you select the *Alternative DB access* checkbox, you allow the database to use an alternative method for carrying out data procurement This can, for example, be used to improve performance of the archiving program.

Activities

The following table provides an overview of some typical settings:

Task	Settings
------	----------

Variant Settings for Archiving (LE-SHP)

Test run	Select the documents
Productive run	<ol style="list-style-type: none">1. Select the documents.2. Choose <i>Create archive</i>.

See also:

[Creating Archive Files \[Extern\]](#)

Variant Settings for the Check (LE-SHP)

Use

You can set the checking criteria in variant settings for the check.



Remember that checking delivery documents is carried out via the preliminary run function. The preliminary run can also be started directly in the ABAP Editor via Report S3LIKPPT.

Features

The following options are available:

Entry Fields

- *Document selection*
Select the documents to be checked.

Checkboxes

- *Detail display*
Select this option if you want to see the checking log for each document that could not be archived.
- *Check residence of flow documents*
 - If the checkbox is *not* set, then the residence time is calculated on the basis of the creation date of the document.
 - If the checkbox is set, then the residence time is calculated on the basis of the last flow document
- *Check FI document*
Select this option if you want to check whether all existing accounting documents for a delivery have been cleared.
- *Alternative Database Access*
If you select the Alternative DB access checkbox, you allow the database to use an alternative method for carrying out data procurement. This can, for example, be used to improve performance of the archiving program.

Activities

The checking log is split into two sections - the header and the detail display. The header contains the statistical data for the check; the detail display shows the checking status for each delivery. You reach the order display transaction by clicking on the line containing the delivery number. The detail display is activated via the *Detail display* checkbox.

Variant Settings for Reloading (LE-SHP)

Variant Settings for Reloading (LE-SHP)

Use

You can set reloading criteria in variant settings for reloading.



When reloading deliveries, the corresponding CO data is not simultaneously reloaded into the system. Therefore you should reload deliveries only in case of emergency, for example, if documents were wrongly selected.

For this reason you cannot call this function up with the menu. Please contact your system administrator.

Features

The following options are available:

Entry Fields

- *Document selection*
Select the documents to be reloaded.

Checkboxes

- *Test run*
Select this option if you only want to simulate reloading, for example, to check possible errors.

See also:

[Reloading Archived Data \[Extern\]](#)

Application Customizing (LE-SHP)

Use

In application Customizing, you can set delivery-specific requirements for archiving.

Range of Functions

The following input fields are at your disposal:

- *Sales organization*
- *Delivery type*
- *Residence time of a delivery in days*

You use these parameters to set the residence time for every combination of sales organization and delivery type.

Since inbound deliveries are not assigned to any sales organization, maintain a generic entry (X) for the sales organization for this delivery type.

- *Check billing documents for completion*

You use this parameter to check whether a billing document has been forwarded to Financial Accounting.

Entry Options in Application Customizing (V_TVARE)

The following table displays possible value combinations that you can use when maintaining views V_TVARE:

	Sales organization	Delivery type	Document date
1.	*	*	
2.	0001	*	40
3.	*	LF	20
4.	00*	L*	100
5.	0001	LF	1

The examples can be understood as follows:

1. The standard residence time (30 days) is used for all delivery types for all sales organizations.
2. A residence time of 40 days is used for all delivery types for sales organization 0001.
3. A residence time of 20 days is used for delivery type TA for all sales organizations.
4. A residence time of 100 days is used for all delivery types starting with L for all sales organizations starting with 00.
5. A residence time of 1 day is used for delivery type LF for sales organization 0001.



If you do not maintain the views, the system cannot archive the documents.

So that archiving for inbound deliveries functions correctly, you must make sure that you maintain a residence time other than zero for this delivery type and that you set

Application Customizing (LE-SHP)

a generic entry for the sales organization. You should set your entries as follows if EL is the delivery type of the inbound delivery:

Sales organization	Delivery type	Document date
*	EL	>1

See also:

[Customizing \[Extern\]](#)

Analyzing an Existing Archive (LE-SHP)

Use

The *Analyze* function allows you to view a list of the most important header and item data for archived deliveries from a number of archiving runs specified by you.

Entry Fields

- *Document selection*
Select the documents that you want to display.

Single Document Display using SAP AS (LE-SHP)

Single Document Display using SAP AS (LE-SHP)

Use

You can use the business view in the standard system for the object RV_LIKP to display individual documents for archived deliveries via the archiving information system (SAP AS). These are presented in list form.

Prerequisites

- There is at least one information structure for the archiving object RV_LIKP, created on the basis of the standard SAP field catalogues *SAP_RV_LIKP_001* or *SAP_RV_LIKP_002*.
- The information structure has been activated and set up.
- The information structure contains the field *VBELN* as a key field.



In order to be able to use the process-oriented views (see below) in the archiving information system, there must be information structures available for the archiving objects *SD_VBAK* and *SD_VBRK*.

- The [authorizations \[Seite 28\]](#) for displaying archived deliveries have been maintained.

Features

Single document display

Within the single document display for deliveries, you can display the header and item data. The directly preceding document as well as all subsequent documents to the selected single document can be displayed.

By clicking with the mouse you can display the corresponding preceding or subsequent document. It is irrelevant here whether the selected document is still in the database or has already been archived.



If a business view of the archiving information system is available, this is used to access the archived data. If there is no business view available and the document is no longer in the database, it is not possible to display the document. In this case, you only see the document number, further details are not possible.

Specific documents such as WM transport orders or shipping elements have no display functions and can not be displayed if they are in the database.

You can use the function *Display originals* to show the original document for an archived delivery via ArchiveLink. If they are available this also applies to related Workitems and IDOCs.



Displaying via ArchiveLink is only possible when there is a correct link to the Archive Link. The ArchiveLink Viewer must also be set correctly and enable access to the

Single Document Display using SAP AS (LE-SHP)

corresponding optical archive. The link entries in the relevant tables for ArchiveLink, Workitem and IDOCs must also be available.

Process Orientated Retrieval

From the entry document you have the option of navigating along the whole process chain. It does not matter whether the preceding or subsequent document is still in the database or has already been archived. The following prerequisites must be fulfilled:

- The document to be displayed must have an online display function; this feature is identified by the magnifying glass symbol.
- The document must – if it has been archived – be part of an active SAP AS information structure.
- To be able to display the corresponding archived preceding or subsequent document, a business view must be available for the archiving object being used.

You can use this function to navigate in the business process as you want to. The individual navigation steps are called up and are specified with a screen number behind the document type.

Displaying the Original Documents via ArchiveLink

After leaving the business view, there is the option of going directly from the SAP AS list into the ArchiveLink originals. This also applies to linked Workitems and IDOCs, if these are available.



The same prerequisites apply for displaying original documents as for the individual document displays (see above).

You can find further information on the Archiving Information System (SAP AS) under [Archiving information system \(SAP AS\) \[Extern\]](#).

Authorizations (LE-SHP)

Authorizations (LE-SHP)

To display individual documents from archived deliveries via the archiving information system, you must have at least the following authorizations:

1. Reading archives:

Object S_ARCHIVE	Value	Description
APPLIC	<i>SD</i>	Application
ARCH_OBJ	<i>RV_LIKP</i>	Archiving object
ACTVT	<i>03</i>	Displaying archives

2. Displaying archived deliveries

Object V_LIKP_VST	Value	Description
VSTEL	*	Shipping point; can be specified
ACTVT	<i>03</i>	Displaying the sales documents

3. Displaying documents set up via ArchiveLink:

Object S_WFAR_OBJ	Value	Description
OAARCHIV	*	Access to a physical archive: can be specified
OAOBJEKTE	*	Object category access; can be specified
OADOKUMENT	*	Document type access; can be specified
ACTVT	<i>03</i>	Displaying archived originals

Archiving of Shipments (LE-TRA)

The following points will be followed in this section

- Object Definition
- Check criteria for the archiving/deletion of data

Archiving Object Definition

You archive shipments in SD using the *SD_VTTK* archiving object.

The following table lists the data archived by *SD_VTTK*. (You can also display this information by using Transaction *SAR1*).

Parent Segment	Segment	Description
	VTTK	Shipment document: Header data
VTTK	VTTTP	Shipment document: Item data
VTTK	VTTTS	Shipment document: Stages
VTTK	VTSP	Shipment document: Assigning stages and items
VTTK	VTPA	Partner for shipment
VTTK	VTFA	Shipment document flow
VTTK	VEKP	Sales document: Shipping element header
VTTK	VEPO	Sales document: Shipping element item (contents)
VTTK	NAST	Output status
VTTK	SADR	Address management: Company data



You can carry out archiving for handling units using the archiving object *LE_HU* (see also [Archiving Handling Units \(LO-HU\) \[Extern\]](#))

Criteria for Archiving and Deleting

You can:

- Specify a number of days after the shipment document creation date as the retention period
- Specify a number of days after the shipment document change date as the retention period
- Check the minimum overall status of the shipment
- Check the transportation planned status of all the deliveries in the shipment
This must be planned.
- Check the goods movement status of the shipment
This must have either a *Not relevant* or a *Fully processed* status.
- Check the suitability for archiving of all other shipments in the transportation chain. This means that these shipments must meet all of the criteria described above and that they must fall within the range of shipment numbers specified when you started archiving.

Archiving of Shipments (LE-TRA)

While the system always checks the last three criteria, you can set the first three in Customizing for *Sales and Distribution* under *Data Transfer and Archiving* → *Archiving Control*.

Archiving Shipment Documents (LE-TRA)

To archive shipment documents:

1. Choose *Logistics* → *Sales/distribution* → *Shipping*.
2. Choose *Environment* → *Archive documents*.
3. If there is no variant, you must create a new one:
Enter a description for the variant and choose *Maintain*.
4. Define the following for the variant:
 - The range of shipment documents to be archived
 - Whether the system should create archive files without deleting data from the database during a test run.
 - Whether the system issues a normal or a detail log. If you specify a detailed log, the system reads all data within the shipment number range you specify from the database. The system checks data to determine if it can be archived, and it logs the result. ALL checks are carried out for *every* shipment. The archiving program runs faster if you do not mark the *Issue log texts* checkbox.
5. Choose *Edit* → *Continue*.
You reach the data screen in which you can define further attributes for the variant.
6. Save your variant.
7. Define a start time for the archiving run.
8. Enter a spool parameter, if you want a printout.

Reloading Shipments (LE-TRA)

Reloading Shipments (LE-TRA)

To reload archived shipment documents:

1. Choose *Logistics* → *Sales/distribution* → *Shipping*.
2. Choose *Environment* → *Reload documents*.
3. If there is no variant, you must create a new one:
Enter a description for the variant and choose *Maintain*.
4. Define the following for the variant:
 - The range of billing documents to be reloaded
 - Whether reloading should run in test mode
 - Whether to issue a standard or detailed log.
5. Choose *Edit* → *Continue*.
You reach the data screen in which you can define further attributes for the variant.
6. Save your variant.
7. Select the archive file that contains the shipment documents.
8. Define a start time for the reload run.
9. Enter a spool parameter, if you want a printout.

Archiving Shipment Cost Documents (LE-TRA)

The following points will be followed in this section

- Object Definition
- Check criteria for the integration of archiving/deletion of data

Archiving Object Definition

You archive shipping cost documents using the *SD_VFKK* archiving object

The table lists the data archived by *SD_VFKK*. (You can also display this information by using Transaction *SAR1*).

Parent Segment	Segment	Description
	VFKK	Shipment cost document: Header data
VFKK	VFKP	Shipment cost document: Item data
VFKK	VFKN	Shipment cost document: Accounting assignment
VFKK	VFPA	Shipment cost document: Partners
VFKP	VFSI	Shipment cost document: Subitem data
VFKP	VFZP	Shipment cost document: Condition assignment
VFKP	KONV	Shipment cost document: Conditions

Criteria for Archiving and Deleting

The archiving program checks several criteria for every shipment cost document. A shipment cost document can be archived when the following requirements are met:

- The creation date of the shipment cost document must be at least N days in the past. I.e., the residence time of the shipment cost document must be N days.
- The last change date of the shipment cost document must be at least N days in the past. I.e., the residence time of the shipment cost document since the last change must be M days. If the shipment cost document has not yet been changed, then the creation date is used as the last change date.
- The purchase order for the shipment cost document should be completed and archived. The system determines this by checking whether the subsequent document(s) for the shipment cost document (i.e. service entry sheets) has already been archived. This check can be activated in Archiving control for shipment costs.
- The status of calculation must be set to "C" (fully calculated).
- The status of account assignment must be set to "_" (blank = not relevant for account assignment) or "C" (fully account assigned).
- The status for forwarding must be set to "_" (blank = not relevant for forwarding) or "C" (fully forwarded).
- The shipment, to which the shipment cost document refers, must be fully calculated.

Archiving Shipment Cost Documents (LE-TRA)

The first four criteria are always checked by the program and cannot be altered, the last three, however, can be configured in Customizing.

Archiving Shipment Cost Documents (LE-TRA)

To archive shipment cost documents:

1. Select *Logistics* → *Logistics Execution* → *Transportation* → *Shipment* → *Shipment costs* → *Environment* → *Archive documents*
2. If there is no variant, you must create a new one:
Enter a description for the variant and choose *Maintain*.
3. Define the following for the variant:
 - The range of shipping cost documents to be archived
 - Whether the system should create archive files without deleting data from the database during a test run.
 - Whether the system issues a normal or a detail log. If you specify a detailed log, the system reads all data within the shipment cost document number range you specify from the database. The system checks data to determine if it can be archived, and it logs the result. ALL checks are carried out for every shipment cost document. The archiving program runs faster if you do not mark the *Issue log texts* checkbox.
4. Choose *Edit* → *Continue*.
You reach the data screen in which you can define further attributes for the variant.
5. Save your variant.
6. Define a start time for the archiving run.
7. Enter a spool parameter, if you want a printout.

Reloading Shipment Cost Documents (LE-TRA)

Reloading Shipment Cost Documents (LE-TRA)

To reload shipment cost documents:

1. Select *Logistics* → *Logistics Execution* → *Transportation* → *Shipment* → *Shipment costs* → *Environment* → *Reload documents*
2. If there is no variant, you must create a new one:
Enter a description for the variant and choose *Maintain*.
3. Define the following for the variant:
 - The range of shipment cost documents to be reloaded
 - Whether reloading should run in test mode
 - Whether the system issues log texts
4. Choose *Edit* → *Continue*.
You reach the data screen in which you can define further attributes for the variant.
5. Save your variant.
6. Choose the archive files from which you want to reload the shipment cost documents.
7. Define a start time for the reload run.
8. Enter a spool parameter, if you want a printout.

Result

The shipment cost documents you specified are reloaded. If a shipment cost document cannot be reloaded from the archive file (maybe because it is not within the correct number range or because an error occurred during reloading), then it is placed in a new archive file.



It generally only makes sense to reload documents soon after they have been archived. If important data, such as master data or Customizing settings, have been altered between the archiving and the reloading of the documents, this can lead to extreme discrepancies in the documents, since the entire environment has changed.