



forward faster

▶▶ **SSA® ERP LN 6.1**

Difference Study SSA® ERP LN 6.1 FP2 - FP3

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About this document

Document summary

This document describes the functional changes between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3, ordered by ERP LN package.

How to read this document

The differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3 that are described in this document can also be viewed in the ERP LN online Help. The online difference topics have the added advantage that they can contain hyperlinks to other topics in the ERP LN online Help.

If you want to view the differences online, including the hyperlinks to detailed online Help topics, carry out the following steps:

1. Start the SSA Web Help.
2. In the Navigation area, click SSA® ERP LN 6.1 FP3.
3. Click Differences ERP LN 6.1 FP2 - FP3.

Comments?

We continually review and improve our documentation. Any remarks/requests for information concerning this document or topic are appreciated. Please e-mail your comments to documentation@ssaglobal.com.

In your e-mail, refer to the document number and title. More specific information will enable us to process feedback efficiently.

Check project code in item code

An item code in ERP LN can consist of a project segment and an item segment. If no PCS project is present for an item, which means that the item is not customized, the project segment of the item code is empty. ERP LN then considers the item code as consisting of nine spaces, followed by the name in the item segment.

External applications, however, usually do not recognize an item code consisting of an project segment and an item segment, or an item code that is preceded by nine spaces. As a result, the project segment of an item code that is transferred from ERP LN to an external application, is not recognized as such by the external application, and becomes part of the item name.

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, if you select the **Check Project Code in Item Code** check box in the COM Parameters (tcom0000s000) session, and you add a new item code or project code in ERP LN, a few checks are performed:

- If you define an item in the Items - General (tcibd0501m000) details session, the first nine characters of the item name should not equal an existing project code in ERP LN.
- If you define a project code in the General Projects (tcmcs0552m000) details session, the code should not equal the first characters of an existing item code in ERP LN.

Selecting the **Check Project Code in Item Code** check box decreases software performance significantly. Instead, you can clear the check box, and use the Print Items where a Project Code is part of the Item Code (tcibd0401m100) session to check whether a range of existing item codes or project codes will produce conflicts for external applications.

Hazardous material

Worldwide, various regulations exist to limit the use of hazardous chemical substances in electronic equipment preventing environmental pollution. Examples are the European directive RoHS (Restriction of Hazardous Materials), and the Japanese regulation JPSSI.

Companies, in most cases producers of electronic equipment, are legally required to:

- Set up and control compliancy rules.
- Verify whether purchased, engineered, manufactured, and serviced material is compliant.
- Verify whether their work processes are compliant.

New in SSA ERP LN 6.1 FP3

You can link an external application to SSA ERP LN 6.1 FP3 that enables you to limit hazardous material. The following fields in SSA ERP LN 6.1 FP3 display whether a specific material is compliant to the rules according to the external application that is linked to ERP LN:

- The **Environmental Compliance** field in the Items - General (tcibd0501m000) details session.
- The **Environmental Compliance Declared** field in the Buy-from Business Partners (tccom4520m000) session.

Tables

This topic describes the differences between the Tables module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Reasons**
In SSA ERP LN 6.1 FP3, reasons are date-effective. In the Reasons (tcmcs0105m000) session, you can enter an effective date and an expiry date for each reason code.

Advance installment invoices

For long-term projects, such as the building of a ship, you can request prepayments from the business partner before you deliver the goods. When you send an invoice for advance payment to the business partner, the amount must be posted to a separate control account for advance installment invoices or advance receipt requests. The tax amount must be posted when the advance invoice is paid.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, no separate control account for advance receipt request is available, and invoiced advance installments and paid advance installments are both posted to the same ledger account.

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the following functionality was implemented for advance installment invoices:

- **Advance receipt requests control account**

For each financial business partner group, you can define separate control accounts for advance installment invoices per sales type.

In the new **Control Account (ARR Invoice)** field of the Control Accounts by Business Partner Group (tfacr0515m000) session, you can select the control account for advance receipt requests. When you post advance installment invoices in Central Invoicing, ERP LN posts the invoices to this account.

- **Separate ledger accounts for invoiced and paid advance receipt requests**

To distinguish *invoiced* advance installments and *paid* advance installments for reporting purposes, you can map and post invoiced advance installments and paid advance installments to separate ledger accounts.

To support separate ledger accounts, the following changes were made:

- **Company Parameters (tfgld0103s000)**

The **Separate Account for Paid Advance Installments** check box was added. To use separate ledger accounts for invoiced and paid advance installments, select this check box. If this check box is cleared, ERP LN posts all advance installment invoice related transactions to the same ledger account.

- **CMG Parameters (tfcmg0100s000)**

In the new **Pay ARR Before Adv.Installment** field, you can select the action ERP LN must take if the integration transactions for advance installments are not posted and you create a receipt transaction for the advance installment invoice.

- In the Mapping Scheme (tfgld4573m000) session, you must map the new integration document types to the Paid Advance Receipt account.

The following new integration document types were created:

- Sales Order / Advance Installment (10002094)
- Sales Order / Advance Installment Paid (10002093)
- Currency Difference / Interim Revenues (50420012)

Note

You can only use separate ledger accounts for advance receipt requests for sales orders. You cannot set up advance receipt requests for project invoices or service invoices.

For the following processes, ERP LN does not support separate ledger accounts for invoiced and paid advance installments:

- Project invoices
- Factoring
- Trade note receivable (TNR)
- Cash application

Authorization of purchase invoices

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, if you approve purchase invoices for processing, you check that the invoice amount equals the order amount plus the additional costs that the business partner charges, such as freight costs and insurance costs.

If the purchase invoice amount differs from the purchase order amount and the difference exceeds the tolerance, an employee who is authorized to approve the greater difference must approve the purchase invoice. However, you can create additional costs or booking variance transactions to cover any difference between the order amount and the invoice amount. No maximum amount is defined and no approval is required for booking variance transactions.

Once you approve the invoice, ERP LN can automatically process and pay the invoice in the Cash Management module.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, authorization is enforced by the system by consistently checking the user's authorizations. Users can no longer bypass the authorization by not linking the required authorization steps to the invoice or by removing already linked authorization steps.

New functionality

To support the extended invoice authorization, the following changes were made:

- **Authorization for additional costs**
Authorization for additional costs was added to the authorization for price variances. Users can no longer conceal great price variances by posting the price variances as additional costs. Price differences, and additional costs must be approved by authorized users, which you can define in the Purchase Invoice Authorizations (tfacp0150m000) session. You can give users full authorization or you can define maximum amounts.
- **Payment approval**
In addition, you can optionally define that invoices must be approved for payment, and you can authorize users to approve invoices for payment. In the ACP Parameters (tfacp0100s000) session, you can select the types of invoices for which payment approval is required. If payment approval is required, an authorized user must approve the purchase invoice in the Authorize Purchase Invoices (tfacp1142m000) session. Only invoices that are approved for payment can be selected in Select Invoices for Payment (tfcmg1220m000) session of the Cash Management module.

Additional costs must be approved in the same way as the purchase invoice. To approve a purchase invoice for processing, you must be authorized to approve both the price difference and the additional costs. If you are authorized to approve both the invoice and the payment, if you approve the price difference and the additional cost, ERP LN automatically sets the invoice to **Approved for Payment**.

Changed terminology

The following terminology changes were made:

- Blocking codes are called *hold reasons*.
- Blocking references are called *assigned approvers*.

- The **Blocking Date** is called the **Approve Before date**.

You can define hold reasons in the Hold Reasons (tfacp0120m000) session and assigned approvers in the Assigned Approvers (tfacp0130m000) session.

Assigned approvers can confirm received invoices and remove hold reasons from invoices.

Changed and new sessions

To support the purchase invoice approval enhancements, the following changes were made to the sessions of the Accounts Payable module:

- **Hold Reasons (tfacp0120m000)**
The previous session title was Authorize Purchase Invoices (tfacp1104m000). The **Blocked for Manual Payment** and the **Remove at Automatic Approval** check boxes were removed.
- **Assigned Approvers (tfacp0130m000)**
The previous session title was Blocking References (tfacp0130m000).
- **ACP Parameters (tfacp0100s000)**
In the ACP Parameters (tfacp0100s000) session, the following fields and check boxes were added:
 - **Approve Cost Invoice for Payment**
If this check box is selected, payment approval is required for cost invoices and invoices generated for procurement card statements.
 - **Approve Order Related Invoice for Payment**
If this check box is selected, payment approval is required for order related purchase invoices.
 - **Approve Internal Invoice for Payment**
If this check box is selected, payment approval is required for internal purchase invoices.
 - **Approve Self-Billed Invoice for Payment**
If this check box is selected, payment approval is required for self-billed purchase invoices.
 - **Default Approval Period (Days)**
By default, the invoice must be approved within this number of days after the invoice date.
For invoices for which payment approval is required, in Cash Management, ERP LN checks whether the invoice was approved for payment. If an invoice is not approved for payment, the invoice cannot be selected in the Select Invoices for Payment (tfcmg1220m000) session.
- **Purchase Invoice Payment Authorizations (tfacp0114m000)**
Use this new session to authorize users to approve purchase invoices for payment. For each user, you can specify the maximum invoice amount for which they are authorized, or you can select the **Full Authorization for Payment** check box.

- **Purchase Invoice Authorizations (tfacp0150m000)**
The previous session title was Price Difference Tolerances (tfacp0150m000). The session was extended with fields for the authorization of additional costs.
- **Confirm Received Purchase Invoices (tfacp1104m000)**
The previous session title was Authorize Purchase Invoices (tfacp1104m000). Assigned approvers can use the session to approve invoices for registration.
- **Authorize Purchase Invoices (tfacp1142m000)**
The previous session title was Approve Price Differences (tfacp1142m000). The session was extended with fields for the hold reason, approval for payment, additional costs, and the type of invoice.
- **Purchase Invoices (tfacp1110s000)**
The **Approved for Payment** field was added. This field indicates whether the invoice was approved for payment. If approval for payment is not required for the type of invoice, ERP LN sets the field to **Not Applicable**.
- **Invoice Authorization History (tfacp2510m000)**
In this new session, you can view the approval history of a purchase invoice. Of details such as the approval status and the hold reason, ERP LN displays the current value, the previous value, the modification date, and the user who made the change.

Authorization for payments and direct debits

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, purchase invoices that were not approved for payment could be processed. Users could enter any amount for discounts, payment differences, and bank costs. User could create non-invoice related payment for any amount. The only defined limit was the maximum amount per pay-to business partner per payment batch, defined in the Payment Authorizations (tfcmg1100m000) session.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the following enhancements were made.

Authorizations

In the Cash Management module, you can set up the following new types of authorization for payments and direct debits:

- **Payment batch and direct debit batches**
Approval of the batches by authorized users
- Maximum amounts users can pay to a pay-to business partner

- **Non-invoice related payments**
Maximum amounts or full authorization for non-invoice related payments such as advance and unallocated payments, standing orders, and cash transactions
- **The offset of payables and receivables**
Maximum amounts or full authorization for payment difference amounts and bank costs
- Authorization for discount amounts that exceed the discount percentages defined in the terms of payment. You can specify whether ERP LN must display a warning message or block the transaction.

Processing of purchase invoices

In the Select Invoices for Payment (tfcmg1220m000) session, purchase invoices can only be selected for payment if the following conditions are fulfilled:

- The invoice has the **Approved** status.
- The **Approved for Payment** field of the invoice is **Yes** or **Not Applicable**.
- No hold reason is linked to the invoice.

During the uninterrupted payment process and direct debit process, if approval is required, ERP LN automatically sets the batch to **Approved**. Because during interrupted processing, the batch cannot be changed anyway, it is not necessary to check the user's authorization to approve the batch.

Changed sessions

To support the payment authorization enhancements, the following changes were made to the sessions of the Cash Management module:

- **Master Data**
In the menu tree, the Payment Authorizations (tfcmg1100m000) session was moved from the /Master Data/Payments to the /Master Data/General menu.
- **CMG Parameters (tfcmg0100s000)**
The following check boxes were added:
 - **Payment Batch Approval and Direct Debit Batch Approval**
If this check box is selected, an authorized user must approve the batch.
 - **Block Discount exceeding tolerance**
If this check box is selected, ERP LN blocks payments if you accept payment discounts higher than the discount percentages defined in the Terms of Payment (tcmcs0113s000) session.
- **Payment Authorizations (tfcmg1100m000)**
To support the new authorizations, the following fields were added to the session:
 - Fields to set up the maximum amount, or full authorization, for:
 - Non-invoice related payments
 - Bank costs

- Payment differences

Fields to authorize users to approve payment batches and direct debit batches.

- **Approval of the batches**

The **Approve** and the **Unapprove** commands were added to the **Specific** menu of the following sessions:

- Payment Advice (tfcmg1501m000)
- Batch Numbers for Payment Procedure (tfcmg1521m000)
- Direct Debit Batch - Advices (tfcmg4501m000)
- Batch Numbers for Direct Debit Procedure (tfcmg4521m000)

Bank distribution

You can use several bank relations and you can agree on different terms and conditions separately with each bank.

For example, you can agree the following conditions:

- The minimum document amount
- The maximum document amount
- The maximum amount per payment/receipt batch
- The maximum number of composed lines in a batch
- The bank charges for various services, for example, for handling foreign currencies

Which bank you want to use for a transaction can depend on the terms and conditions, the bank charges, and the transaction currency.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, for automatic payments and receipts, ERP LN selects a bank relation from the pay-to and pay-by business partner details, from your bank relations in their order of priority, or from the CMG Parameters (tfcmg0100s000) session. ERP LN searches for a bank relation of which the bank currency is equal to the transaction currency and of which the home country is equal to the business partner's home country.

SSA ERP LN 6.1 FP2 does not support selection of a bank based on conditions such as the maximum transaction amount and the number of documents in the batch.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can set up the bank distribution logic to select the bank that is most appropriate for a batch, based on the agreed conditions. You can set up the conditions and a priority for each bank.

In SSA ERP LN 6.1 FP3, during the automatic payment procedure and receipt procedure, ERP LN automatically selects the appropriate bank for each batch. If you do not specify a default bank relation for transactions with the pay-to and pay-by business partner, ERP LN searches for a bank relation using the bank distribution logic.

To support bank distribution, the following changes were made:

- **Payment/Receipt Methods (tfcmg0540m000)**
On the **Specific** menu, the following commands were added:
 - **Bank Priorities by Payment Method and Currency**
Starts the new Bank Priorities by Payment Method and Currency (tfcmg0121m000) session. Use this session to define the priorities of bank relations for the combination of payment method or receipt method and bank currency in the bank assignment process.
 - **Assignment Criteria by Payment Method and Bank Relation**
Starts the new Assignment Criteria by Payment Method and Bank Relation (tfcmg0122m000) session. Use this session to define the criteria ERP LN uses to assign bank relations to a batch based on criteria such as the maximum transaction amount and the number of documents in the batch.

If the batch meets the assignment criteria of several bank relations, ERP LN assigns the bank relations in their order of priority defined in the **Bank Priorities by Payment Method and Currency** session.

Business Requirements

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the following Business Requirements were implemented in Financials

- **MRQ001399 Add a column delimiter to trial balance reports to facilitate export to Excel**
The various trial balance reports include the '|' character as a column separator between the debit and credit amounts, to support importing the report into Microsoft Excel for further analysis.
- **MRQ001177 Add period totals to Finalized Transactions report**
ERP LN prints the total amounts of each period on the Finalized Transactions reports that you can print in the following sessions:
 - Print Finalized Transactions - Ledger Account (tfgld1406m000)
 - Print Finalized Transactions - Dimension/Ledger (tfgld1407m000)
- **MRQ001398 Link a text to ledger accounts and dimensions**
For this request, you can link a text to ledger accounts and dimensions in the Chart of Accounts (tfgld0508m000) and the Dimensions (tfgld0510m000)

sessions. To create a text, select the ledger account or dimension and click the **Text** button.

- **MRQ001358 Select non-modifiable batches for finalization**

For this request, the **Only System Batches** check box was added to the Global Selection of Batches for Finalization (tfgld1210m000) session.

If this check box is selected, ERP LN only finalizes generated, non-modifiable, batches. Batches that were manually created and that the users can still modify are not finalized. If this check box is cleared, ERP LN finalizes all the batches.

To exclude manually created batches that have not been completed from the finalization process, you can select this check box.

- **MRQ001053 Add the problem codes to the aging analysis reports**

A credit analyst can attach a problem code to a sales invoice to indicate why the customer does not pay the invoice. If the sales invoice becomes overdue, ERP LN prints the problem code on the aging analysis report in the **Prob** column at the end of the report lines. This helps the credit analyst to identify the invoice on the aging analysis report.

- **MRQ000812 Log which user approved a price variance**

In the new Invoice Authorization History (tfacp2510m000) session, ERP LN keeps a record of the users who approve price differences and additional costs.

- **MRQ001423 Display supplier's invoice number while assigning advance payments**

In the Assign Unallocated/Advance Payments to Invoices (tfcmg2106s000) session, ERP LN displays the supplier's invoice number in the new **Supplier's Invoice Number** field.

- **MRQ000884 Display the name of the bank branch**

In the following sessions, ERP LN displays the name of the bank branch:

- Bank Relations (tfcmg0510m000)
- Bank Accounts by Pay-to Business Partner (tccom4525m000)
- Bank Accounts by Pay-by Business Partner (tccom4515m000)

- **MR1109051 Compose invoices and credit notes**

In SSA ERP LN 6.1 FP2, in Central Invoicing, you must set up a transaction type for credit notes. Because the transaction type is a composing criterion, if the transaction types differ, ERP LN can not compose the invoice for a sales order and the credit note for a return order on a single invoice. Especially in France and Italy, it is a requirement to consolidate the sales invoice and the credit note in a single invoice.

In the SLI Parameters (cisli1500m000) session, the **Use Order Transaction Type for Credit Note** check box was added for this requirement. If you select this check box, ERP LN uses the transaction type of the order invoice to create credit notes, and you can not enter a separate transaction type for credit notes.

In the Transaction Types (tfgld0111s000) session, you must select the **Negative Amounts Allowed** check box for all the transaction types for order invoices that you select in the **Integration with Finance** group box of the SLI Parameters (cisli1500m000) session.

- **MRQ000666 Sort invoices at printing by business partner, invoice number, postal code**

In the new Invoice Printing Sequences (cisli1540m000) session, you can define invoice printing sequences. For each printing sequence, you can select sort criteria with different priorities. For example, you can print the invoices sorted by invoice delivery method, invoice-to address, and invoice number. For details, refer to To define the invoice printing sequence.

- **MRQ000884 Link credit notes to invoices automatically**

In Central Invoicing, ERP LN can automatically settle an invoice with the related credit note for a return order.

The following details must be passed on from Operations Management and be available in Central Invoicing:

- The financial company of the original invoice
- The transaction type of the original invoice
- The document number of the original invoice

Cash flow statements

A cash flow statement provides information about the history of the cash flow. The statement provides an overview of the sources and uses for cash, and helps the Management to assess the ability of the company to meet its short-term obligations. In some countries, a cash flow statement must be submitted to authorities periodically.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, on the cash flow statement, the transactions were only grouped by cash flow reason.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, to define a cash flow statement, you group cash flow reasons into cash flow reason groups. Next, you group the cash flow reason groups into parent cash flow reason groups. A cash flow statement can contain one or several parent cash flow reason groups.

On the cash flow statement, ERP LN prints the total amounts of each parent cash flow reason group and the subtotals for each child cash flow reason group.

Changed and new sessions

To support the extended cash flow statement functionality, the following sessions were added:

- **Cash Flow Statements (tfgld0123m000)**
Use this session to define cash flow statements.
- **Cash Flow Reason Groups (tfgld0124m000)**
Use this session to define cash flow reason groups.
- **Cash Flow Reasons by Statement (tfgld0126m000)**
Use this session to build a hierarchical structure of parent cash flow reason groups, child cash flow reason groups, and cash flow reasons for a cash flow statement.

The following reports were added to the Print Cash Flow Transactions (tfgld1419m000) session:

- **Cash Flow Transactions**
A report of the transactions to which a cash flow reason is linked.
- **Cash Flow Totals by Year**
A report of the total amounts per cash flow reason in each financial period.

Customized electronic VAT declarations

SSA ERP LN 6.1 FP3

SSA ERP LN 6.1 FP3 supports the following new customized electronic tax declaration files for specific countries:

- **Portugal**
An ASCII declaration file for a combined VAT declaration and Sales Listing, which adheres to the electronic VAT declaration requirements defined by the authorities in Portugal. You can process the ASCII file further with the Portuguese VAT declaration HTML application (IVA.html). For details, refer to The electronic VAT and Sales Listing declaration for Portugal.
- **Germany**
An ASCII declaration file that adheres to the electronic VAT declaration requirements defined by the authorities in Germany, more specifically, the 'Vorsteueranmeldung' which is part of the 'Elster' electronic VAT declaration. For details, refer to The electronic VAT declaration for Germany.

Due date calculation

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, two due date calculation methods are available:

- **Immediately**

- **End of Month**

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the following due date calculation methods were added in the Terms of Payment (tcmcs0113s000) session:

- **End of Fortnight**
- **End of Ten Days**
- **End of Week**

The following changes are made to the Terms of Payment (tcmcs0113s000) session:

- In the **Tolerance for Due Date** group box, you can enter a number of days in the new **Days** field.
- If you link a payment schedule to the terms of payment, the fields related to discounts no longer apply and are disabled.

For details, refer to The due date calculation methods.

In addition, in SSA ERP LN 6.1 FP3 you can optionally use payment calendars to determine the due dates for sales invoices and purchase invoices. On the payment calendar, you can indicate bank holidays and other periods during which your company or an pay-by business partner cannot make payments. If the calculated due day falls on such a day, ERP LN changes the due date to the previous working day or, in some situations, to the next working day.

For details, refer to To use payment calendars.

To support the payment calendars, the following changes were made:

- **ACR Parameters (tfacr0100s000) and ACP Parameters (tfacp0100s000)**
In the new **Availability Type** field, you can select the availability type for pay-by business partners' calendars and your company calendar. You can use the availability type to indicate bank holidays and other periods on which the business partner or your company is not available for making payments.

Financial integration transactions

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the following changes were made.

Freight Management

- Seven Freight end-accounts were changed to Interim Cost 18
- Five new integration document types were added
- The triggering action was changed for a number of freight-related integration document types.

- The following new integration document types were added:
 - Service Order / Freight Price Variance (10015039)
 - Service Order / Freight Costs (10015041)
 - Maintenance Sales Order / Freight Price Variance (10031039)
 - Maintenance Sales Order / Freight Costs (10031041)
 - Freight Order / Freight Costs (10070041)

PCS Project : Triangular invoicing

The following new integration document types were added:

- Project (PCS) / Additional Completion (10013014)
- Project (PCS) / COGS Triangular (10013016)
- Project (PCS) / Costs (10013020)
- Project (PCS) / Revenues Analysis (10013082)
- Project (PCS) / Triangular Invoicing (10013102)
- Currency Difference / Invoice Accrual 15 (50050015)

Advance installments

The following new integration document types were added:

- Sales Order / Advance Installment Paid (10002093)
- Sales Order / Advance Installment (10002094)
- Currency Difference / Interim Revenues 11 (50420011)
- Currency Difference / Interim Revenues 12 (50420012)
- Project Revenues / Advance Installment Paid (10025094)
- Currency Difference / Interim Revenues 13 (50420013)

Direct delivery for Service

The following new integration document types were added:

- Service Order / Direct Delivery Variance (10015024)
- Service Order / Direct Delivery Invoiced (10015025)
- Service Order / Direct Delivery (10015026)
- Service Order / Item Surcharge Issue (10015057)

Return on costed service order

The following new integration document types were added:

- Service Order / Return Result (10015090)
- Service Order / Shipment Variance (10015088)

Payment schedules

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, you can define a payment schedule for the terms of payment. To define a different payment schedule, you must define new terms of payment. The discount days and discount percentages are part of the terms of payment. The payment period of each line of a payment schedule must exceed the payment period of the previous line.

For invoices to which a payment schedule is attached, the aging analysis is based on the planned payment date.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can define payment schedules independently of the terms of payment, and you can re-use a payment schedule for several terms of payment.

Payment schedules consist of a payment schedule header and payment schedule lines. The payment schedule header defines whether the payment amounts are specified as a percentage or through a factor, and the payment period type, which can be **Days**, **Months**, or **Fiscal Periods**.

The payment schedule lines define a part of the invoice amount to be paid within a specific period. For each schedule line, you can define three discount periods and discount percentages. The payment schedule lines are independent of each other. You can specify a separate payment method or receipt method for each line. For every line of the payment schedule, ERP LN uses the due date calculation defined for the terms of payment to which you link the payment schedule. Several payment schedule lines can have the same due date.

You link payment schedules to sales invoices through the terms of payment. If a payment schedule is linked to an invoice, the schedule lines take the place of the invoice, for example, for payment advice and direct debit advice, open entry balances, aging analysis, blocking codes, and to write off currency differences.

In Central Invoicing, ERP LN prints the payment schedule on invoices and draft invoices to inform the business partner of the due dates and discount conditions.

The following functionality has not changed

In the Accounts Receivable and Accounts Payable modules, you can view the resulting payment schedule lines of the individual invoices in the following sessions:

- Receipt Schedules (tfacr1103m000)
- Payment Schedule (tfacp1103m000)

Changed and new sessions

To support payment schedules, the following changes were made:

- **Terms of Payment (tcmcs0113s000)**
On the **Specific** menu, you can click **Payment Schedules**. This command starts the new Payment Schedules (tcmcs2620m000) session, which you can use to define a payment schedule.

Alternatively, in the new **Payment Schedule Header** field, you can select an existing payment schedule for the terms of payment.
- **Company Parameters (tfgld0103s000)**
The **Schedules Mandatory** check box was added. If this check box is selected, you must link terms of payment with a payment schedule to every invoice.

If this check box is cleared, using payment schedules is optional.
- **Bank Transactions (tfcmg2100s000)**
A schedule line segment was added to the **Invoice** field. If a payment schedule is linked to the invoice, this field contains the schedule line number.
- **Accounts Receivable and Accounts Payable**
The following changes were made:
 - The Assign Invoices/Schedules to Credit Notes (tfacp2121s000) session was changed so that in addition to invoices, you can assign payment schedule lines to credit notes.
 - On the **Specific** menu of the Assign Credit Notes to Invoices (tfacr2121m000) and the Assign Credit Notes to Invoices (tfacr2121m000) sessions, you can start the following new sessions to link payment schedule lines to credit notes:
 - **Link Credit Notes to Schedules (tfacr2122m000)**
 - Assign Invoices Schedules to Credit Notes (tfacp2122s000)
 - In many sessions in the Accounts Receivable, Accounts Payable, and Cash Management modules for which this is relevant, the payment schedule line number field was added to the document identification fields (Transaction Type/Serial Number).

Note

ERP LN also supports payment schedules for recurring invoices.

ERP LN does not support payment schedules for subcontracting invoices.

Receipt acknowledgements

In some countries, you are legally required to send your customers a printed receipt acknowledgement for each payment.

Among others, a receipt acknowledgement must include the following data:

- The receipt number
- The receipt date
- The pay-by business partner's name, address, and tax number
- The numbers of the invoices for which the payments are made
- The total received amount, discount amount, and tax amounts

In some countries, the receipt acknowledgements must have unique, sequential numbers.

Previous versions of ERP LN do not support receipt acknowledgements.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3, you can print receipt acknowledgements for the following types of receipts:

- Normal receipts
- Advance receipts
- Unallocated receipts

Before you can print a receipt acknowledgement, the related cash transaction must be finalized.

Changed and new sessions

To support receipt acknowledgements, the following sessions were added or changed:

- **Pay-by Business Partners (tccom4114s000)**
To generate receipt acknowledgements for the business partner, select the new **Print Receipt Acknowledgement** check box.
- **CMG Parameters (tfcmg0100s000)**
In the new **Receipt Acknowledgement** group box, you can enter the number group and series for receipt acknowledgements.
- **Receipt Acknowledgements (tfcmg2520m000)**
Use this session to view the receipt acknowledgements ERP LN generated for finalized payments from pay-by business partners.
- **Select Receipts (tfcmg2200m000)**
Use this session to select a range of receipts for which you want to generate receipt acknowledgements.
- **Print Receipt Acknowledgements (tfcmg2420m000)**
Use this session to print or reprint a range of receipt acknowledgements.

Receipts against shipments

In Central Invoicing, ERP LN creates invoices for sales orders. However, a sales order can require several shipments, and in some countries, business practice is to make separate payments for the approved quantity of each shipment.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, to enable receipts against shipments, ERP LN created a separate sales invoice for every shipment.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, ERP LN creates a single sales invoice for the sales order. If the pay-by business partner must make payments against the shipments, ERP LN creates a receipt schedule line for every shipment of the sales order. You can match cash receipts with the receipt schedule lines. ERP LN also performs invoice related processes such as aging analysis and the creation of interest invoices based on the receipt schedule lines.

In addition to the changes described for receipt schedules, to support receipts against shipments, the following changes were made:

- **CMG Parameters (tfcmg0100s000) and ACP Parameters (tfacp0100s000)**
To enable the receipts against shipments functionality, select the new **Receipts Against Shipments** check box.

Credit notes for shipments

If shipments or parts of shipments are returned, ERP LN creates credit notes for the shipments. If the credit note covers several shipments, the credit note contains several schedule lines, one line for each shipment. You can assign credit notes to shipments and to receipt schedule lines in the new Link Credit Notes to Schedules (tfacr2122m000) session.

You can start the Link Credit Notes to Schedules (tfacr2122m000) session from the **Specific** menu of the following sessions:

- Link Credit Notes to Schedules (tfacr2122m000)
- Business Partner - Credit Notes (tfacr2120m000)

Similarly, in the Accounts Payable module, you can assign shipments to credit notes in the new Assign Invoices Schedules to Credit Notes (tfacr2122s000) session.

Due date calculation

For receipts against shipments, ERP LN derives the due dates and the payable amounts from the shipment details. As a result, the payments for the shipment lines all have the same due date. If you link a receipt schedule header to the terms of payment of the order, ERP LN ignores the receipt schedule header.

Search for advance and unallocated payments or receipts and credit notes

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, if you select open entries for payment advice or direct debit advice, ERP LN does not check whether advance and unallocated payments or receipts, or credit notes, exist that you can assign to the open entry before you perform the payment or direct debit procedure.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, if you select open entries for payment or direct debit, ERP LN searches for advance and unallocated payments or receipts and credit notes. ERP LN automatically generates a report of the business partners for which such documents exist. You can display the available advance and unallocated payments or receipts and credit notes for the business partner and assign them to the open entries.

In a multifinancial company structure, ERP LN searches all the financial companies of the group company.

Note

During the *automatic* payment process and direct debits process, ERP LN does not perform such a check. ERP LN only includes credit notes in the automatic processes. Advance and unallocated payments or receipts are not considered.

To support the search for advance and unallocated payments or receipts and credit notes, in the payment or direct debit procedure, the following changes were made:

Changes in the payment process

- **Invoice-from Business Partner Open Entries (tfacp2520m000)**
On the **Specific** menu, the **Unassigned Adv/CN** command was added. If you click this command, the session displays only the unassigned advance and unallocated payments and credit notes with non-zero balances for the pay-to business partner.
- **Select Invoices for Payment (tfcmg1220m000)**
If you select open entries for payment, ERP LN searches for unassigned advance and unallocated payments and credit notes for the pay-to business partners. ERP LN automatically generates a report of the business partners for which such documents exist.
- **Payment Advice (tfcmg1120s000), Anticipated Payments (Details) (tfcmg2116s000), and Bank Transactions (tfcmg2100s000)**
If you select a purchase invoice for payment, ERP LN searches for unassigned advance and unallocated payments and credit notes for the

business partner of the invoice. If such documents exist, ERP LN displays a warning.

On the **Specific** menu, you can click **BP Open Entries** to display the available advance payments, unallocated payments, or credit notes for the business partner in the Invoice-from Business Partner Open Entries (tfacp2520m000) session. This command was also added to the Bank Transactions (tfcmg2500m000) and the Payment Advice (tfcmg1501m000) overview sessions.

- **Print Invoice-from Business Partner Open Entries (tfacp2421m000)**
The **Credit Notes** check box was added. If this check box is selected, the report includes all credit notes for the selected range of business partners.

Changes in the receipt process

- **Invoice-to Business Partner Open Entries (tfacr2520m000)**
On the **Specific** menu, the **Unassigned Adv/CN** command was added. If you click this command, the session displays only the unassigned advance and unallocated receipts and credit notes with non-zero balances for the pay-to business partner.
- **Select Invoices for Direct Debit (tfcmg4220m000)**
If you select open entries for direct debit, ERP LN searches for unassigned advance and unallocated receipts and credit notes for the pay-by business partners. ERP LN automatically generates a report of the business partners for which such documents exist.
- **Direct Debit Advice (tfcmg4120s000)**
If you select a sales invoice for direct debit ERP LN searches for unassigned advance and unallocated receipts and credit notes, for the business partner of the invoice. If such documents exist, ERP LN displays a warning.

On the **Specific** menu, you can click **BP Open Entries** to display the available advance receipts, unallocated receipts and credit notes for the business partner in the Invoice-to Business Partner Open Entries (tfacr2520m000) session. This command was also added to the Anticipated Receipts (Details) (tfcmg2117s000) and the Direct Debit Batch - Advices (tfcmg4501m000) sessions.
- **Print Invoice-to Business Partner Open Entries (tfacr2421m000)**
The following check boxes were added:
 - **Normal Invoices**
 - **Unallocated/Advance receipts**
 - **Credit Notes**
 You can use these options to print reports of the regular invoices and/or the advance and unallocated receipts and credit notes for the selected range of business partners. By default, the check boxes are selected.

The pay-by business partner and the due date were added to the selection criteria.

Source of earnings

When you close the financial year, you can use the Automatic Balancing of Profit and Loss Accounts (tfgld6202m000) session to clear Profit and Loss accounts and post the total balance to the Retained Earnings account.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, you can clear the Profit and Loss accounts individually or through a single balancing account. However, you cannot view the composition of the total profit for the year, for example, what percentage of the total profit is from operating profit, extraordinary profit, and so on.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the **Source of Earnings** balancing method is added. If you select this method in the Company Parameters (tfgld0103s000) session, each Profit and Loss account is individually cleared against the related Source of Earnings account. At the same time, the Source of Earnings accounts are cleared against the Retained Earnings account. You can use this method to view the composition of the total profit for the year, for example, what percentage of the total profit is from operating profit, extraordinary profit, and so on.

To support the source of earnings accounts, the following changes are made:

- **Source of Earnings (tfgld0138m000)**
Use this new session to define the sources of earnings and the corresponding ledger accounts for the balancing of the Profit and Loss accounts.
- **Chart of Accounts (tfgld0108s000)**
In the **Source of Earnings** field, you can select the source of earnings for the Profit and Loss ledger account.
- **Company Parameters (tfgld0103s000)**
In the **Balancing Method** field, in addition to **Individual Accounts** and **Total**, you can select **Source of Earnings**.

Trade notes enhancements

In Portugal, the following legal requirements apply for trade notes:

- Trade notes must have unique sequence numbers which consist of the following parts:
 - The company's tax number
 - The last two digits of the year
 - A sequence number
- The stamp tax amount must be specified as a percentage of the trade note amount

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, ERP LN generates the trade note numbers based on the number groups you specify in the CMG Parameters (tfcmg0100s000) session and the series you specify in the Trade Note Types (tfcmg0516m000) series.

In the Revenue Stamp Tax (tcmcs1131m000) session, you can only enter stamp tax amounts.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, to meet the Portuguese requirements, the following changes are made:

- **Revenue Stamp Tax (tcmcs1131m000)**
You can enter the stamp tax amount as an amount or as a percentage.
- **Trade Note Types (tfcmg0516m000)**
In the new **Trade Note Number Validation** field, you can select the validation method for the actual trade note numbers. The available values are Modulo-11, and Not Applicable.
- **Trade Note Receivable (tfcmg4125s000) and Trade Note Payable (tfcmg1125s000)**
In the **Actual TNR Number** and the **Actual TNP Number** fields, you can enter the actual trade note number that ERP LN prints on the trade note.
If the trade note number validation of the trade note type is Modulo-11, ERP LN validates the trade note number when you save the data.

Accounts Payable

This topic describes the differences between the Accounts Payable module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Financial Business Partner Groups (tfacp0110m000)**
To support the German Z5 report of foreign payments, you can select the new **Z5-Reporting** check box for the financial business partner groups for the associated business partners. For details, refer to [To set up Z5 reporting](#).
- **ACP Parameters (tfacp0100s000)**
On the new **External Invoices** tab, you can enter the details required for the integration with E-Procurement. You can enter the default transaction type and series for external purchase invoices and credit notes created through the E-Procurement interface, and the default batch reference.
- **Purchase Invoice Transactions Multi-line (tfacp1120m000)**
This new session allows multiline entry of cost invoices. The functionality is identical to the functionality of the existing Purchase Invoice Transactions

(tfacp1120s000) session. The new session was created for Business Requirement MRQ00010.

- **Generate Self-Billed/Internal Purchase Invoices (tfacp2290m000) and Generate Internal Freight Invoices (tfacp2246m000)**

The **Generate Internal Invoice by ACR Invoice** was added. If you select this check box, ERP LN ignores the composing criteria for sales invoices that you set up in Accounts Receivable and in Central Invoicing and creates an internal purchase invoice for every internal sales invoice.

For details, refer to Self-billed internal invoices.

Accounts Receivable

This topic describes the differences between the Accounts Receivable module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Financial Business Partner Groups (tfacr0110m000)**

To support the German Z5 report of foreign payments, you can select the new **Z5-Reporting** check box for the financial business partner groups for the associated business partners. For details, refer to To set up Z5 reporting.

Cash Management

This topic describes the differences between the Cash Management module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Print Z5 Report (tfcmg3455m000)**

Use this session to print a report of foreign payments, which you can use for Z5 reporting in Germany. For details, refer to To set up Z5 reporting.

- **Payment authorization**

The following sessions were changed:

- **CMG Parameters (tfcmg0100s000)**

The following check boxes were added:

- **Payment Batch Approval**

If this check box is selected, an authorized user must approve the payment batch. You cannot make changes to an approved batch. You can authorize users in the Payment Authorizations (tfcmg1100m000) session.

- **Direct Debit Batch Approval**
If this check box is selected, an authorized user must approve the payment batch. You cannot make changes to an approved batch. You can authorize users in the Payment Authorizations (tfcmg1100m000) session.
- **Block Discount exceeding tolerance**
If this check box is selected, ERP LN blocks payments if you accept payment discounts higher than the discount percentages defined in the Terms of Payment (tcmcs0113s000) session. If this check box is cleared, ERP LN only displays a warning.
- **Payment Authorizations (tfcmg1100m000)**
You can use this session to authorize users to approve payment batches and direct debit batches.

A great number of fields was added to this session, to set up the maximum amount or full authorization for:
 - Advance payments and standing orders
 - Bank costs
 - Payment differences
 - Price differences

General Ledger

This topic describes the differences between the General Ledger module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Source of earnings**
To provide a better view on the total profit for the year you can link a **Source of Earnings** category to each Profit and Loss account. The Profit and Loss accounts are individually cleared against the interim account defined for the **Source of Earnings** category. For details, refer to *Source of earnings*.
- **View ledger account or dimension structure**
In the Dimensions (tfgld0510m000) and Chart of Accounts (tfgld0508m000) sessions, on the **Specific** menu, you can click **View tree** to display a graphical view of the ledger or dimension structure. If you select a ledger account or dimension, ERP LN displays the structure of the ledger account or dimension. Else, ERP LN displays all ledger accounts or dimensions.
- **Empty dimension code**
For every dimension type, you can define one dimension with an empty dimension code. If the dimension type is **Optional** for a ledger account, ERP LN posts transactions for which no dimension is specified to this dimension. In this way, differences between the ledger history and the dimension history can be avoided.

- **Payment Method Mandatory**

In the Company Parameters (tfgld0103s000) session, you can select the new **Payment Method Mandatory** check box. If this check box is selected, a payment method must be available on every invoice header or, if a payment schedule is linked to the invoice, for every payment schedule line.

If payment methods are mandatory and no payment method is available for an invoice or for a payment schedule line, ERP LN blocks processing of the invoice.

ERP LN prints the payment method on sales orders, purchase orders, service orders, and the related invoices.

For various reports, you can select the data based on the payment methods and ERP LN prints the total balances on the report by payment method.

- **Integration transactions**

In SSA ERP LN 6.1 FP3, the PCS calculation office is no longer available as an integration element for integration transactions. As a result, the integration transactions for standard items and customized items are now the same, except that to customized items, a project is linked.

- **Finalize system batches**

In the Global Selection of Batches for Finalization (tfgld1210m000) session, the **Only System Batches** check box was added.

If this check box is selected, ERP LN only finalizes generated, non-modifiable, batches. Batches that were manually created and that the users can still modify are not finalized. Batches that were manually created by the users are not finalized. If this check box is cleared, ERP LN finalizes all the batches.

To exclude manually created batches that have not been completed from the finalization process, you can select this check box.

- **Portuguese reports**

In Portugal, you must submit a number of legal reports to the authorities when you close the fiscal year. A number of new sessions was added which you can use to set up and print the reports. For details, refer to Portuguese reports - overview

Balancing tax accounts

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, the individual tax accounts are balanced through one interim tax payment account, regardless of whether the balance is positive or negative.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, to meet legal requirements in Portugal, the following functionality is implemented:

- You can use an additional interim tax balancing account.
- Two separate interim tax ledger accounts are available to distinguish tax payable and tax recoverable.

To support the new interim tax accounts, the following fields are added to the Tax Declaration Master (tfgld1620m000) session:

- **Interim Tax Payable Account**
If the net VAT amount of the declaration is less than zero, ERP LN uses the **Interim Tax Payable Account**.
- **Interim Tax Recoverable Account**
If the net VAT amount of the declaration is greater than or equal to zero, ERP LN uses the **Interim Tax Recoverable Account**.
- **Use Tax Balancing Account**
To use an additional tax balancing account, select this check box.
- **Tax Balancing Account**
If you select the **Use Tax Balancing Account** check box, this field must contain the additional tax balancing account.

Tax exemptions

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

Tax exemptions

Transactions with specific business partners, involving specific goods, and/or with their origin or destination in certain countries or areas, can be exempt from tax. Sales invoices for transactions that are exempt from tax must have zero tax amounts.

Some enterprises are exempt from sales tax within the jurisdiction of certain tax authorities. Invoices for sales to a customer with a valid tax exemption must have zero tax amounts. If you are exempt from sales tax, your suppliers must not include the tax amount on their invoices.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2 you set up tax exemptions in the following sessions:

- Tax Exemptions for Sales (tcmcs1142m000)
- Tax Exemptions for Purchasing (tcmcs1560m000)
- Register Warehouse for Tax Exemptions (tcmcs1561m000)

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can define tax exemptions using the same sessions in which you define tax code exceptions. The separate Tax Exemption sessions are expired.

In addition, ERP LN no longer supports transactions without a tax code. For tax exemption, you must define tax codes with zero tax rates in the Tax Codes by Country (tcmcs0136s000) session.

To support the new way to set up tax exemptions, the following changes were made:

- **Tax Parameters (tctax0100m000)**
In the new **Tax Exempt Level** field, you must select the tax exemption setup method, which can be **Limited** or **Extended**. Use **Extended** if you want to specify tax exemption certificates and exempt reasons.
The number of **Search Order** fields was extended. The available search order options include tax exemption and, in addition, separate options represent exceptions and exemptions defined in the Tax Exceptions by Country (tctax1100m000) and the Tax Exceptions by Country Set (tctax1101m000) session.
- **Tax Handling (tctax0138m000)**
For the **Limited** tax exemption setup method, you can select the exempt tax code for the various tax order origins per country in this session. For

orders for which you select the **Tax Exempt** check box in the order header, ERP LN uses the exempt tax code.

- **Tax Exceptions by Country (tctax1100m000) and Tax Exceptions by Country Set (tctax1101m000)**

For the **Extended** tax exemption setup method, you can enter the transaction details of orders to which the exempt tax code applies as well as the business partner's exempt certificate and the exempt reason. Based on the transaction details, ERP LN determines whether the exempt tax code applies to an order.

- **Tax Exemptions for Purchasing (tcmcs1560m000)**

Use this session to link a text to the reason code for a purchase tax exemption for a tax code and country combination. ERP LN prints the text on orders and invoices. In this way, you can link several tax exempt reasons with different texts to a single tax code by country combination.

Tax provider

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

SSA ERP LN 6.1 FP2

SSA ERP LN 6.1 FP2 supports the following tax-provider applications:

- Taxware's Master Tax System
- Vertex's "O" series for Sales and Use Tax.
- Vertex's "Q" series for Sales and Use Tax.

In SSA ERP LN 6.1 FP2, the tax provider register is not updated if you manually create invoices in the Accounts Receivable module.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the following changes were made to the tax provider interface:

- ERP LN only supports Vertex's "O" series for Sales and Use Tax.
- The tax provider automatically updates the tax provider register for the following transactions:
 - Final invoices generated in Central Invoicing.
 - Manually created invoices in the Accounts Receivable module if they are finalized.
- The tax provider is called to calculate the tax amount for a project bid in Project.

Tax registration in a foreign country

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

For example in the European Union, various rules exist by which transactions are liable for taxation in the destination country, which can differ from the country in which the invoice is raised and/or paid.

In the following situations, you must have a registered tax number in countries other than the company's home country:

- If you perform transactions that are taxable in the destination country.
- If you have branch offices in some countries that belong to legal entities in other countries.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can model tax exceptions in such a way that the tax country of specific transactions differs from the financial company's home country. You must register your organization for tax in the new tax country, and you must link the tax number in the foreign country to a financial company.

For transactions taxable in foreign countries, you must create a separate financial company for tax registration in the foreign country.

In SSA ERP LN 6.1 FP3, to implement tax registration in foreign countries, the following changes are made:

- In the Tax Parameters (tctax0100m000), the following check boxes are added:
 - **Use Tax Numbers of other Financial Companies**
If this check box is selected, ERP LN can change the tax country of a transaction and replace your tax number on, for example, order acknowledgements and sales invoices, with the tax number of the financial company in the new tax country.
 - **Allow Simplified Triangulation between Own Entities**
If this check box is selected, ERP LN does not apply the rules for tax registration in foreign countries to goods transfer between enterprise units of your company.

If you select the **Use Tax Numbers of other Financial Companies** check box, you can select this check box.

If you apply the simplified triangular trade procedure, you do not require a tax number in the destination country for goods transfer between enterprise units in different EU countries that represent sites of your own organization.
- In the new Financial Departments (tctax4110m000) session, you can specify, for a financial company, the related operational and financial companies and the accounting office in every foreign tax country.

- In the Goods Transfer (tceem2150m000) session, you can define goods transfer relationships between the following types of entities:
 - Warehouse and accounting office
 - Warehouse and service department
 - Accounting office and sales office
 - Purchase office and accounting office
 - Accounting office and accounting office
- All orders that can result in taxable transactions are assigned a tax classification. ERP LN retrieves the default tax classification from the invoice-to and invoice-from business partner. You can use the tax classification to model tax exceptions, for example, you can indicate that the tax must be paid in a different country.
- In the Reprint Invoices (cisl2405m000) session, you can reprint the invoice in the language of the business partner, the tax country, or both.

To pay withholding tax at invoice payment

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

Withholding tax payable at invoice payment

In some countries, for example, in Spain and Italy, you must pay withholding tax immediately when you pay the purchase invoice.

SSA ERP LN 6.1 FP2

SSA ERP LN 6.1 FP2 only supports periodic payment of withholding tax and social contributions. You can periodically generate a tax declaration of the withholding tax and pay it to the collections office.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can set up withholding tax in such a way that ERP LN pays withholding tax immediately when you pay the purchase invoice.

In the **Pay Tax** field of the Tax Codes by Country (tcmcs0136s000) session, you can select the moment at which you must pay the withholding tax and social contributions to the tax authorities. If you select **At Invoice Payment**, you must specify the collection office and the settlement tax code for the tax code.

When you generate a tax declaration, ERP LN does not include tax codes for which you select **At Invoice Payment**. When you pay a purchase invoice with such a tax code, ERP LN automatically generates a standing order in Cash Management to pay the tax to the collection office.

The standing orders for withholding tax are created at the moment when the open invoice balance for the business partner is reduced.

Taxation

This topic lists the available differences topics for Taxation. The differences topics describe the differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

New and changed functionality

The following differences topics are available:

- *Balancing tax accounts*
- *Tax registration in a foreign country*
- *To pay withholding tax at invoice payment*
- *Tax exemptions*
- *Tax provider*
- *Customized electronic VAT declarations*

Integration ledger account for manual sales invoices

In SSA ERP LN 6.1 and previous versions, you can enter the ledger account and dimensions for the credit posting of manual sales invoices in the Manual Sales Invoice Data - Lines (cisl2525m000) session.

In SSA ERP LN 6.1 SP1, this was replaced by using a GL code. However, for all combinations of ledger accounts and dimensions, a large number of GL codes is required. In SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3, you can specify whether you want to use a GL code or enter the integration ledger account and dimensions.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3, you can specify the posting data for the credit posting of manual sales invoices in the following ways:

- You define the mapping of the Manual Sales Invoice / Revenues Analysis integration document type in the integration mapping scheme.
- You manually enter an integration ledger account and dimensions in Central Invoicing.
- You use a GL code.

In the SLI Parameters (cisl1500m000) session, you can specify whether you want to use a GL code, and enter the default GL code. If you do not use a GL code, you can enter the default integration ledger account and dimensions.

The following changes were made:

- **SLI Parameters (cisl1500m000)**
 - **Use GL Code**
Use this new check box to indicate the default way in which you want to specify the posting data in the Manual Sales Invoice Data - Lines (cisl2525m000) session.

- **GL Code**
In this new field you can enter the default GL code for manual sales invoice lines.
- **Default Manual Sales Ledger Account**
In this field you can enter the default integration account for manual sales invoice lines. The ledger account must be an integration account. You can also specify the default dimensions.
- **Manual Sales Invoice Data - Lines (cisli2525m000)**
In the new **GL Code** field, you can enter a GL code or you can accept the default GL code.

Sales Invoicing

This topic describes the differences between the Sales Invoicing module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Compose invoices and credit notes**
In SSA ERP LN 6.1 FP2, in Central Invoicing, you must set up a transaction type for credit notes. Because the transaction type is a composing criterion, if the transaction types differ, ERP LN can not compose the invoice for a sales order and the credit note for a return order on a single invoice. Especially in France and Italy, it is a requirement to consolidate the sales invoice and the credit note in a single invoice.
In the SLI Parameters (cisli1500m000) session, the **Use Order Transaction Type for Credit Note** check box was added for this requirement. If you select this check box, ERP LN uses the transaction type of the order invoice to create credit notes, and you can not enter a separate transaction type for credit notes.
In the Transaction Types (tfgld0111s000) session, you must select the **Negative Amounts Allowed** check box for all the transaction types for order invoices that you select in the **Integration with Finance** group box of the SLI Parameters (cisli1500m000) session.
- **Link credit notes to invoices automatically**
In Central Invoicing, ERP LN can automatically settle an invoice with the related credit note for a return order.
The following details must be passed on from Operations Management and be available in Central Invoicing:
 - The financial company of the original invoice
 - The transaction type of the original invoice
 - The document number of the original invoice

- **Print invoices in the order of business partner, postal code, invoice number**

In the new Invoice Printing Sequences (cisl1540m000) session, you can define invoice printing sequences. For each printing sequence, you can select sort criteria with different priorities. For example, you can print the invoices sorted by invoice delivery method, invoice-to address, and invoice number. For details, refer to To define the invoice printing sequence.

Additional Freight Management parameters

New in SSA ERP LN 6.1 FP3

A number of parameters are added to the Freight Order Control Parameters (fmfoc0100m000) session. The **Series for Service and Maintenance Origin** parameter, for example, is used for the orders that are generated by Service. Parameters for load and unload date tolerances are used during the load date and unload date calculations.

The order origins linked to the new parameters are: .

- **Service**
- **Maintenance Sales**
- **Maintenance Work**

Freight invoicing

New in SSA ERP LN 6.1 FP3

Freight invoicing can now be handled by Freight Management or by Service (previously by Freight Management only).

If handled by Service, the invoicing status in the Freight Invoicing Information (fmfri0110m000) session is **Not Applicable**.

Load plan Gantt chart

New in SSA ERP LN 6.1 FP3

The new Load Plan Gantt Chart (fmlbd0710m000) session gives insight in the load plan. Plans with their loads and optionally the load's shipments are displayed in a time-based window.

Multiple means of transport by load

New in SSA ERP LN 6.1 FP3

You can now select more than one means of transport for a load by inserting TMCs (transport means combinations) for freight orders/freight order clusters.

New multi-main table sessions

New in SSA ERP LN 6.1 FP3

The following multi-main table sessions are added:

- Transport Means Combination (fmfmd0642m000)
- Transport Means Group (fmfmd0650m000)
- Shipping Office (fmfmd0680m000)
- Planning Group - Shipping Office (fmfoc1600m000)
- Route Plan (fmfoc1650m000)
- Freight Order (fmfoc2100m100)
- Freight Order Line Status Overview (fmfoc2601m000)
- Plan (fmlbd0610m000)
- Standard Routes (fmlbd0650m000)
- Shipment (fmlbd3100m100)
- Load (fmlbd4100m000)

Rough planning bar chart

New in SSA ERP LN 6.1 FP3

The Rough Planning - Chart (fmrpg1700m000) session enables users to display a chart that shows the weekly or monthly capacity based on rough planning. This new session can be started from either of the following sessions:

- Monthly Capacity Details (fmrpg1500m000)
- Weekly Capacity Details (fmrpg1500m100)

Users can specify a shipping office, planning group, and transport means group to select the data for the chart.

Alternative materials in Enterprise Planning

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

Top-down selection and bottom-up selection

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, if you use use-up and alternative materials, you cannot select the **Use Top-Down Item Selection** and the **Use Bottom-Up Item Selection** check boxes in the Generate Order Planning (cprp1210m000) session.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can select the **Use Top-Down Item Selection** and the **Use Bottom-Up Item Selection** check boxes in the Generate Order Planning (cprp1210m000) session in combination with use-up and alternative materials.

For more information, refer to RRP run, item selection.

Alternative materials horizon

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the alternative materials horizon was introduced. If a shortage of a standard material occurs beyond the alternative materials horizon, Enterprise Planning does not consider the use of an alternative material to cover for the shortage.

You specify the alternative materials horizon in the Scenarios (cprp4100m000) session.

Net-change status of items

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, the net-change status of an item was recorded in two sessions:

- In the Items - Ordering (tcibd2500m000) session
- In the Items - Planning (cprpd1100m000) session

If you execute a net-change planning run, ERP LN takes the information from both sessions into account.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, ERP LN records the net-change status of an item only in the Items - Planning (cprpd1100m000) session.

Net-change pegging update

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, you can generate the pegging relations for planned orders. This procedure is a regenerative process. In other words, ERP LN always generates the pegging relations for all items you select, regardless of item-related data has changed since the last time you generated the pegging relations.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can perform a net-change update of the pegging relations. In a net-change update of the pegging relations, ERP LN generates the pegging relations only for plan items for which item-related data has changed since the previous update of the pegging relations.

New planning signals

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

New functionality in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the following new planning signals were introduced:

- Item planned before first allowed order date

- Item planned after last allowed order date

Alternative materials

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

The functionality for alternative materials and use-up materials, which were introduced in version SSA ERP LN 6.1 FP2, were further enhanced in version SSA ERP LN 6.1 FP3.

Alternative materials for project items

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, you cannot define alternative materials for project items or use a project item as alternative material.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can define alternative materials for project items. If the standard material is a project item, you can use a standard item (an item with an empty project segment), as alternative material or you can use a project material as alternative material, but then, the project segments of the standard material and the alternative material must be equal.

Alternative materials in Mass BOM Change

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, you cannot copy use-up materials and alternative materials in the MBC Action (tiedm3120m000) session.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can prepare use-up materials and alternative materials in an engineering BOM (EBOM) and use a mass BOM change (MBC)

to copy these materials to a production BOM in the MBC Action (tiedm3120m000) session.

Look for original material in Shop Floor Control

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, ERP LN does not change the material selection if the currently selected alternative material is available, even if the standard material or a higher-priority alternative material has become available after the alternative material was selected.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can use the Generate Alternatives for Estimated Materials (ticst0216m000) session to check whether the standard material has become available after the first planning run was performed. For that purpose, you must select the **Always Reconsider Alternatives** check box in the Generate Alternatives for Estimated Materials (ticst0216m000) session.

Adding use-up materials more easily

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, if you want to replace a material in a BOM, you must explicitly insert the outdated material as a use-up material.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, if you insert a new material on the same BOM position number as another item, ERP LN automatically inserts the outdated item as use-up material in the Use Up and Alternative Materials (tibom0150m000) session.

Clearer distinction between use-up materials and alternative materials

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, many sessions had a single **Alternatives Present** check box to indicate both use-up materials and alternative materials.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the function of this check box is divided over two check boxes:

- **Use-Up Materials Present**
- **Alternatives Present**

Default calculation office

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, the default calculation office for a PCS project is determined through the number group and the series of the order where the PCS project is generated.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the default calculation group for a PCS project is determined through the setting of the **Enterprise Unit for calc.off. used from** field in the Project Control Parameters (tipcs0100m000) session:

- **Department**
The default calculation office for the PCS project is the calculation office that is linked to the enterprise unit of the sales office or the service department. You can define a default calculation office for a specific enterprise unit in the **Default Calculation Office** field in the Enterprise Units (tgbrg0530m000) details session.
- **Warehouse**
The default calculation office for the PCS project is the calculation office that is linked to the enterprise unit of the warehouse. You can define a default calculation office for a specific enterprise unit in the **Default Calculation Office** field in the Enterprise Units (tgbrg0530m000) details session.
- **None**
The default calculation office for the PCS project is determined by the number group and the order series of the sales order or service order for which the PCS project is created. You can use the Default Project Data by Number Group (tipcs0103m000) session to define calculation offices for combinations of number group and order series. This is the SSA ERP LN 6.1 FP2 situation.

Editable grids in Manufacturing

SSA ERP LN 6.1 FP2

For some sessions, different scripts exist for the overview session and the details session. This results in different session codes for the overview session and the details session. If you want to create a new record, or maintain a record that is listed in the overview session, you must start the details session.

SSA ERP LN 6.1 FP3

For a number of sessions in SSA ERP LN 6.1 FP3, the editable grid concept is implemented. This concept enables you to create and maintain records directly

in the overview session. If you want to maintain more details for the record, you can start the details session.

To implement the editable grid concept, the overview session and the details session must have the same session code. For the following sessions, the editable grid concept is implemented, which resulted in changed session codes:

In the Production Order Costing module:

- Material to Issue for Production Orders (ticst1501m000) and Material to Issue for Production Orders (ticst0101s000) have become Material to Issue for Production Orders (ticst0101m100).

In the Shop Floor Control module:

- Default Production Order Data (tisfc0502m000) and Default Production Order Data (tisfc0102s000) have become Default Production Order Data (tisfc0102m000).
- Blocking Reasons (tisfc2500m000) and Blocking Reasons (tisfc2100s000) have become Blocking Reasons (tisfc2100m000).
- Subcontracted Operations by Subcontractor (tisfc2501m000) and Subcontracted Operations by Subcontractor (tisfc2101s000) have become Subcontracted Operations by Subcontractor (tisfc2101m000).
- Subcontracted Operations by Order (tisfc2110s000) and Subcontracted Operations by Order (tisfc2510m000) have become Subcontracted Operations by Order (tisfc2110m000).

In the Tools Requirement Planning module:

- Tool Types (titrp0501m000) and Tool Types (titrp0101s000) have become Tool Types (titrp0101m000).
- Tools by Tool Type (titrp0502m000) and Tools by Tool Type (titrp0102s000) have become Tools by Tool Type (titrp0102m000).
- Tools by Item (titrp0507m000) and Tools by Item (titrp0107s000) have become Tools by Item (titrp0107m000).
- Estimated Tool Requirements (titrp0511m000) and Estimated Tool Requirements (titrp0111s000) have become Estimated Tool Requirements (titrp0111m000).

PCS Dashboard

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the Project Dashboard (tipcs0320m000) session is introduced, which provides a quick overview of PCS projects in ERP LN.

The Project Dashboard (tipcs0320m000) session is typically used by project managers for tasks such as:

- Monitoring the progress of a PCS project.

- Listing the material that must be purchased for a project.
- Viewing allocated and available capacity for the project.
- Checking whether the project costs do not exceed the budget.

From the Project Dashboard (tipcs0320m000), you can start several sessions related to a PCS project. A new session in SSA ERP LN 6.1 FP3 that you can start from the Project Dashboard (tipcs0320m000) is the Project Resource Plan (tipcs0520s100) session.

PCS projects in a multisite environment

In SSA ERP LN 6.1 FP2, there are some restrictions in working with a PCS project in a multisite environment, which means that warehouses and departments are in different financial companies. All financial transactions are always posted on the financial company of the PCS project.

In SSA ERP LN 6.1 FP3, if you work on a PCS project in a multisite environment, you can use the **COGS and Revenues restricted to Financial Company of PCS Project** check box in the Project Control Parameters (tipcs0100m000) session to choose where financial transactions for PCS related COGS and revenues must be posted:

- On the financial company of sales office, service department, and/or warehouse
- On the financial company of the PCS project

If you select the **COGS and Revenues restricted to Financial Company of PCS Project** check box in SSA ERP LN 6.1 FP3, you must take the following into account:

COGS distribution

Use the **COGS Distribution based on** field in the Project Control Parameters (tipcs0100m000) session to choose whether you want to enter the COGS distribution manually, or that ERP LN calculates the COGS distribution. In the Project COGS Distribution (tipcs3110m000) session, you can view and maintain the COGS distribution.

Revenue recognition

If you calculate interim COGS and revenues for a PCS project, and the PCS project has sales orders, service orders, and warehouse orders linked to several financial companies, the calculated COGS and revenues are distributed among various departments. You can view the distributed COGS and revenues by department in the COGS and Revenues by Project and Order (tipcs3192m000) session.

Internal invoices

To send internal invoices, you must define an invoice relation between the PCS project and the sales office, service department, or warehouse in the Entity - Entity Relationships (tceem2110m000) session.

In Sales Invoicing (SLI) and Accounts Payable (ACP), the general COGS on the internal invoice is indicated by a cost item. You must define a default cost item in the Project Control Parameters (tipcs0100m000) session. Furthermore, PCS project order number is specified on the internal invoice, which is generated based on the number group and series that are defined in the Project Control Parameters (tipcs0100m000) on the **Settings for COGS** tab.

Order sequencing based on setup classes and states

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

New functionality

In SSA ERP LN 6.1 FP3, you can generate order blocks to create an optimum sequence of production orders and to minimize the loss of production time for changeovers from one product to another. An order block is a collection of production orders with similar setup states. If you generate order blocks, ERP LN sorts the order blocks to reduce the time required to set up machines.

You can modify the order blocks to fine-tune the result by using a graphical plan board. If you are satisfied with the plan, you can use the order blocks to update the start times and end times of production order operations. You can see the result in the Production Planning (tisfc0110m000) session.

Project resource plan

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the Project Resource Plan (tipcs0520s100) session is introduced, where you can view the work centers of a PCS project that have insufficient capacity.

Click **Project Resource Plan** in the Project Dashboard (tipcs0320m000) session to start the Project Resource Plan (tipcs0520s100) session.

Remove range of production orders

Differences between SSA ERP LN 6.1 FP2 and SSA ERP LN 6.1 FP3.

Introduction

Sometimes, you need to dispose of multiple production orders, for example, in the following situations:

- A customer has canceled several sales orders, and the related production orders are not required anymore.
- Many production orders with production order status**Planned** were accidentally released prematurely.

New functionality

In SSA ERP LN 6.1 FP3, you can use the newly introduced Remove Range of Production Orders (tisfc0202m000) session to remove production orders.

Optionally, the session can cancel the issuing of materials for canceled production orders and return issued materials to the warehouse.

If ERP LN cannot delete or cancel a production order, you can set the production order status to completed and set the completed quantity to zero. Alternatively, you can minimize the production order's priority.

The session produces a report that describes every action that ERP LN performed.

Rework orders in production order groups

You can use the Create SFC Order Group (tisfc3250m000) session to create a production order group.

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, rework orders as well as non-rework production orders are included if you create a production order group.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can select in the **Type** field whether you want to include only rework orders in the production order group, only non-rework orders, or rework orders as well as non-rework orders.

Shop Floor Control- Warehouse Management integration improvements

In SSA ERP LN 6.1 FP3, the Shop Floor Control- Warehouse Management integration is improved by providing more means to control the material flow in Shop Floor Control. The following improvements are implemented:

Process shortages

In SSA ERP LN 6.1 FP3, you can use the Process Material Shortages (tisfc0221m000) session to deal with shortages of low cost materials, which are usually backflushed, or directly processed. With this session, ERP LN carries out the warehouse order procedure automatically, without further user intervention.

View on production warehouse orders by lot, serial number, effectivity unit, or revision

In SSA ERP LN 6.1 FP3, the Production Warehouse Orders Overview (timfc0101m100) session is introduced to view production warehouse orders by lot, serial number, effectivity unit, or revision.

Transfer orders

For flexibility reasons, several companies make use of shop floor warehouses. A material is first shipped from the central warehouse to a shop floor warehouse, after which the material is issued to the shop floor. If the material is shipped from the central warehouse to the shop floor warehouse, ERP LN creates a transfer order. In this way, the picking process in the central warehouse is disconnected from the production process. An operator is now free to determine which material must be used in production, and for which production order the material is applied. For more information, refer to Order Controlled/Single setup and order generation.

Tolerances on costing reports

New in SSA ERP LN 6.1 FP3

In the Print Estimated vs. Actual Material Costs (ticst0401m000) session, three new fields are added:

- **Print only if actual costs are higher then % of estimated costs**
- **Print only if actual costs are lower then % of estimated costs**
- **Closing Date**

With these fields, you can define tolerances, with which you can specify the costs that are printed on the costing report.

To order items in PCF

If customers often select a specific configuration in PCF, either on end item or subassembly level, you can create standard items for these so-called fast runners in the Item Base Data (IBD) module. However, if standard-to-order items are customized, two limitations can occur:

- ERP LN selects the BOM components for the customized standard item through the original (derived from) generic item instead of through the selected standard item.
- ERP LN allows you to use a specific customized standard-to-order subassembly only once in a PCS project

In SSA ERP LN 6.1 FP3, you can use the **Use Standard to Order Item BOM** check box in the Product Configuration Parameters (tipcf0100m000) session to avoid these limitations.

Exploding standard items

In SSA ERP LN 6.1 FP2, if you select a subassembly during product configuration for which a standard-to-order item is present in inventory, the standard-to-order item is used in the BOM, but its components are derived from the generic (derived-from) item.

In SSA ERP LN 6.1 FP3, if the **Use Standard to Order Item BOM** check box is selected, you can choose a subassembly for which a standard-to-order item is defined in IBD. During generation of the PCS project, the standard item as well as the BOM components of the standard item are selected in the customized BOM. If you clear the **Use Standard to Order Item BOM** check box, the SSA ERP LN 6.1 FP2 situation still applies.

Multiple standard items in PCF

In SSA ERP LN 6.1 FP2, a customized standard-to-order subassembly can only be used once in a PCS project. After a specific subassembly is used in the first parent item, you cannot use a similar subassembly in a second parent item anymore.

In SSA ERP LN 6.1 FP3, the **Use Standard to Order Item BOM** check box is introduced in the Product Configuration Parameters (tipcf0100m000) session. If you select this check box, a similar customized standard-to-order subassembly can be used in several parent items for the same project. If you clear the **Use Standard to Order Item BOM** check box, the SSA ERP LN 6.1 FP2 situation still applies.

Note

The **Use Standard to Order Item BOM** check box serves also another purpose, which is described in

Consolidate requisition lines

SSA ERP LN 6.1 FP2

Consolidation of requisition lines into a single request for quotation (RFQ) or purchase order, which you can define in the Convert Requisition Lines to RFQ/PO (tdpur2201m000) session, can only apply to requisition lines of the same requisition.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, requisition lines of different requisitions can be consolidated into a single request for quotation or purchase order (line), provided a number of of fields are the same.

For more information on these fields, refer to:

- **Consolidate by BP** for RFQs.
- **Consolidate by BP** for purchase orders and purchase order lines.

Delete order headers without lines

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, if an order header has no lines linked to it, you can delete:

- The purchase order header in the Purchase Orders (tdpur4100m000) overview session.
- The sales order header in the Sales Orders (tdsls4100m000) overview session.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, you can also delete purchase orders and sales orders without lines in the Delete Purchase Orders (tdpur4224m000) and the Delete Sales Orders (tdsls4224m000) sessions.

The following fields are added to these sessions:

- **Delete Orders without Lines**
- **Delete up to Date**

Financial company for sales office and calculation office

SSA ERP LN 6.1 FP2

If you enter a budget on the sales quotation line, or a project on the sales order line, the budget's or project's calculation office must be linked to the same financial company as the sales quotation's or sales order's sales office.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the sales office's financial company can differ from the calculation office's financial company.

- **Budget**
If the sales quotation's **Sales Office** is linked to the same financial company as the budget's calculation office, you can enter any budget in the **Budget** field of the Sales Quotation Lines (tdsls1501m000) session. If the sales quotation's **Sales Office** is linked to another financial company as the budget's calculation office, the value of the new **COGS and Revenues restricted to Financial Company of PCS Project** check box in the Project Control Parameters (tipcs0100m000) session determines whether you can enter the selected budget in the **Budget** field.
- **Project**
If the sales order's **Sales Office** is linked to the same financial company as the project's calculation office, you can enter any project in the **Project** field of the Sales Order Lines (tdsls4101m000) session. If the sales order's **Sales Office** is linked to another financial company as the project's calculation office, the value of the new **COGS and Revenues restricted to Financial Company of PCS Project** check box in the Project Details (tipcs2130m000) session determines whether you can enter the selected project in the **Project** field.

Linked objects in order lines monitor sessions

SSA ERP LN 6.1 FP2

In the Purchase Order Lines Monitor (tdpur4501m500) and Sales Order Lines Monitor (tdsls4510m000) sessions of SSA ERP LN 6.1 FP2, a general view is available on linked objects. These are the objects that are linked to and generated from the purchase order or sales order procedure, such as warehousing order, invoice, and so on. You can click the **Open Object** button to open the linked object.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the **Linked Objects** tab is added to the Purchase Order Lines Monitor (tdpur4501m500) and Sales Order Lines Monitor (tdsls4510m000) sessions. This tab contains all objects that are linked to a purchase order line or sales order line and not only the objects that result from the purchase order or sales order procedure.

The following objects can be viewed on the **Linked Objects** tab of the Purchase Order Lines Monitor (tdpur4501m500) session:

- Sales orders
- Requests for quotations
- Contracts
- Service orders
- Freight orders
- Production orders
- Return orders

The following objects can be viewed on the **Linked Objects** tab of the Sales Order Lines Monitor (tdsls4510m000) session:

- Planned purchase order advice numbers
- Purchase orders
- Quotations
- Contracts
- Freight orders
- Clusters
- Return orders

Note

If an object is linked, you can start the related session from the **Specific** menu of the Purchase Order Lines Monitor (tdpur4501m500) or the Sales Order Lines Monitor (tdsls4510m000) sessions.

Manufacturer part numbers

SSA ERP LN 6.1 FP2

Components are often ordered from intermediate purchase business partners who do not produce the components themselves. These intermediate purchase business partners offer equivalent components, items that conform to the original item's specifications, from different manufacturers. To be sure that the offered components are produced by a manufacturer that is approved by you, in SSA ERP LN 6.1 FP2, you can store multiple manufacturers per item in the item-purchase business partner data.

However, the following restrictions apply to the multiple manufacturer item functionality:

- Multiple manufacturer items can only be used in purchase orders and purchase requisitions. You cannot use these items in purchase contracts, purchase schedules, and RFQs.
- The master data cannot be changed when the effective date lies before the current date.

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, a new functionality is introduced for defining, approving, and using manufacturer's items, called the manufacturer part number (MPN) functionality.

This new functionality does not replace the multiple manufacturer item functionality. If you already used the multiple manufacturer item functionality in SSA ERP LN 6.1 FP2, for each item you can choose whether you want to define it as a multiple manufacturer item or as an MPN item. If you did not use the multiple manufacturer item functionality in SSA ERP LN 6.1 FP2, you cannot set up multiple manufacturer items in SSA ERP LN 6.1 FP3. You must use the MPN functionality to purchase manufacturer's items. The reason for this is that the MPN item functionality is the preferred and most extensive functionality.

For detailed information, refer to:

- To purchase manufacturer's items
- To set up and use MPN items
- To set up and use multiple manufacturer items

If you used the multiple manufacturer item functionality in SSA ERP LN 6.1 FP2, but you want to start using the manufacturer part number (MPN) item functionality instead, you can convert the multiple manufacturer master data to the MPN master data for an item.

The following data can be converted:

- Item manufacturers to manufacturer part numbers.
- Item manufacturer business partners to MPNs by business partner.

For details, refer to [To convert multiple manufacturer items to MPN items](#).

Multi-main table for item - purchase

New in SSA ERP LN 6.1 FP3

The Item - Purchase (tdipu0601m000) session is a new session for easy entry of purchase related data by item. This session enables you to quickly enter the most important purchase information for an item.

You can start the Item - Purchase (tdipu0601m000) session in the following ways:

- Click **New** in the Item - Purchase (tdipu0101m000) overview session.
- Double-click a record in the Item - Purchase (tdipu0101m000) overview session.
- Stand-alone.

Satellites

The following satellite sessions can be accessed from the Item - Purchase (tdipu0601m000) session:

- **Item - Business Partner**
The lines on the **Item - Business Partner** tab refer to the Item - Purchase Business Partner (tdipu0110m000) session. On this tab, you can view, enter, and maintain the buy-from business partners that are linked to the item.
- **Nett Prices per Business Partner**
The lines on the **Nett Prices per Business Partner** tab refer to the Nett Prices per Buy-from Business Partner (tdipu0110m100) session. On this tab, you can view and calculate price and discount information for a combination of item and buy-from business partner.
- **Manufacturer Part Numbers**
The lines on the **Manufacturer Part Numbers** tab refer to the Manufacturer Part Numbers (tdipu0145m000) session. If the **MPN Item** check box is selected for the item, you can use this tab to enter manufacturer part numbers (MPNs) and to link the MPNs to an item and manufacturer.
- **MPNs by Item - Business Partner**
The lines on the **MPNs by Item - Business Partner** tab refer to the MPNs by Item - Business Partner (tdipu0148m000) session. If the **MPN Item** check box is selected for the item and manufacturer part numbers (MPNs) are linked to the item, you can use this tab to view and define which MPNs can be delivered by which business partners for an item.

Multi-main tables for order type - activities

New in SSA ERP LN 6.1 FP3

Order type - activities sessions

The Purchase Order Type - Activities (tdpur0694m000) session and the Sales Order Type - Activities (tdsls0694m000) session are new sessions for easy entry of order types and order type activities. In these sessions you can view, enter and maintain both order types and linked order type activities. You can start these sessions in the following ways:

- Click **New** in the Purchase Order Types (tdpur0194m000) session or the Sales Order Types (tdsls0594m000) session.
- Double-click an existing order type in the Purchase Order Types (tdpur0194m000) session or the Sales Order Types (tdsls0594m000) session.
- Stand-alone.

Effective and expiry dates for order types and activities

To freely maintain order types that are in use by existing orders, effective and expiry dates can be entered for an order type or for the activities that are linked to the order type. As a result, you can enter effective and expiry dates in the following sessions:

- Purchase Order Type - Activities (tdpur0694m000)
- Purchase Order Types (tdpur0194m000)
- Purchase Order Type - Activities (tdpur0560m000)
- Sales Order Type - Activities (tdsls0694m000)
- Sales Order Types (tdsls0594m000)
- Sales Order Type - Activities (tdsls0560m000)

Order activities sessions

To view activity information for a combination of order, order line, and order (delivery) line (detail), the following sessions are introduced in SSA ERP LN 6.1 FP3:

- Purchase Order Activities (tdpur4113m000)
- Sales Order Activities (tdsls4113m000)

Changed in SSA ERP LN 6.1 FP3

The new Sales Order Type - Activities (tdsls0694m000) multi main table has resulted in the expiration of the Sales Order Types (tdsls0194s000) session in SSA ERP LN 6.1 FP3.

You can now use the following sessions to view, enter, and maintain order types and order type activities:

- **Purchase**
Purchase Order Type - Activities (tdpur0694m000)
- Purchase Order Type - Activities (tdpur0560m000)
- Purchase Order Types (tdpur0194m000)
- **Sales**
Sales Order Type - Activities (tdsls0694m000)]
- Sales Order Type - Activities (tdsls0560m000)
- Sales Order Types (tdsls0594m000)

Multi-main table for purchase request for quotation - lines

New in SSA ERP LN 6.1 FP3

The Purchase Request for Quotation - Lines (tdpur1600m000) session is a new session for easy entry of purchase request for quotations and purchase request for quotation lines. In this session you can view, enter and maintain both request for quotations and request for quotation lines.

You can start the Purchase Request for Quotation - Lines (tdpur1600m000) session in the following ways:

- Click **New** in the Purchase Requests for Quotation (tdpur1501m000) session.
- Double-click an existing request for quotation in the Purchase Requests for Quotation (tdpur1501m000) session.
- Stand-alone.

Changed in SSA ERP LN 6.1 FP3

The new multi main table has resulted in the expiration of the following sessions in SSA ERP LN 6.1 FP3:

- Requests for Quotation (tdpur1101s000)
- Request for Quotation - Line Details (tdpur1102s000)
- Request for Quotation - Buy-from BP (tdpur1105s000)
- Buy-from BP - Quotation (tdpur1106s000)

You can now use the following sessions to view, enter, maintain, and process request for quotations and request for quotation lines:

- Purchase Request for Quotation - Lines (tdpur1600m000)]
- Purchase Request for Quotations (tdpur1501m000)
- Purchase Request for Quotation Lines (tdpur1502m000)
- Request for Quotation - Buy-from BPs (tdpur1505m000)
- Buy-from BP - Quotations (tdpur1506m000)

Multi-main table for sales quotation - lines

New in SSA ERP LN 6.1 FP3

The Sales Quotation - Lines (tdsls1600m000) session is a new session for easy entry of sales quotations and sales quotations lines. In this session you can view, enter and maintain both sales quotations and sales quotation lines.

You can start the Sales Quotation - Lines (tdsls1600m000) session in the following ways:

- Click **New** in the Sales Quotations (tdsls1500m000) session.
- Double-click an existing sales quotation in the Sales Quotations (tdsls1500m000) session.
- Stand-alone.

Changed in SSA ERP LN 6.1 FP3

The new multi main table has resulted in the expiration of the following sessions in SSA ERP LN 6.1 FP3:

- Sales Quotations (tdsls1100s000)
- Sales Quotation Lines (tdsls1101s000)

You can now use the following sessions to view, enter, and maintain sales quotations and sales quotations lines:

- Sales Quotation - Lines (tdsls1600m000)]
- Sales Quotations (tdsls1500m000)
- Sales Quotation Lines (tdsls1501m000)

Purchase direct delivery

SSA ERP LN 6.1 FP2

Often service engineers must carry out repairs at your sold-to business partner's site. In SSA ERP LN 6.1 FP2, you cannot ship the spares directly to your sold-to business partner from the supplier's site, which costs time and money. In addition, if the service engineer does not use all the parts, you cannot return the parts directly to the supplier from the sold-to business partner's site.

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3 you can:

- Generate direct delivery purchase orders for service orders.
- Generate direct delivery return orders to directly return the unused materials to the buy-from business partner.
- Generate freight orders for direct delivery service orders.

For detailed information, refer to:

- Direct delivery
- Direct delivery service orders
- To generate freight orders for direct delivery service orders

Reopen closed orders

SSA ERP LN 6.1 FP2

In SSA ERP LN 6.1 FP2, for orders with the **Closed** status:

- You can change the purchase order header and/or add lines to the purchase order.
- You cannot change the sales order header and/or add lines to the sales order.

SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the difference between Purchase Control and Sales Control in regard to closed orders is resolved.

For orders with the **Closed** status, you can no longer change the header or add lines to the order. However, you can reopen a closed order and maintain the order.

As a result:

- The **Reopen Closed Purchase Order** option is added to the **Specific** menu of the Purchase Order - Lines (tdpur4100m900) session. This command reopens a purchase order with the **Closed** status and changes its status to **In Process**. As a result, you can add new order lines and/or you can change the purchase order header.
- The **Reopen Closed Sales Order** option is added to the **Specific** menu of the Sales Order - Lines (tdsls4100m900) session. This command reopens a sales order with the **Closed** status and changes its status to **Modified**. As a result, you can add new order lines and/or you can change the sales order header.

Start order lines overview session

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, the **Order Lines** command is added to the **Specific** menu of the Purchase Orders (tdpur4100m000) and Sales Orders (tdsls4100m000) overview sessions.

This command starts the Purchase Order Lines (tdpur4101m000) or Sales Order Lines (tdsls4101m000) overview sessions from which you can start the details session to maintain existing order lines or to enter new order lines.

Tax registration in a foreign country

New in SSA ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, tax registration in foreign countries is supported.

If taxes for an order must be reported in another country than for which the sales office or purchase office is administratively responsible, ERP LN uses a financial department for reporting tax in the foreign country. This applies if the tax country on the order line differs from the country that is linked to the sales/purchase office's financial company.

The new **Financial Department** field enables you to process financial transactions for an order in another financial company than the financial company of the sales/purchase office.

The financial department that you can select depends on the order line's tax country and the sales office's/purchase office's financial company.

The **Financial Department** field is added to the following sessions:

- Sales Quotations (tdsls1500m000)
- Sales Quotation - Lines (tdsls1600m000)
- Sales Quotation History (tdsls1550m000)
- Sales Orders (tdsls4100m000)
- Sales Order - Lines (tdsls4100m900)
- Sales Order History (tdsls4550m000)
- Commissions Calculated by Order (tdcms0150s000)
- Commissions Calculated by Relation (tdcms1150s000)
- Rebates Calculated by Order (tdcms2150s000)
- Rebates Calculated by Relation (tdcms3150s000)
- Commission/Rebates History (tdcms1560s000)
- Purchase Orders (tdpur4100m000)
- Purchase Order - Lines (tdpur4100m900)
- Purchase Order History (tdpur4550m000)

In addition, the new **Tax Classification** field is added to the header sessions and lines sessions of all order origins in Order Management. With a tax classification, you can group business partners that have the same tax aspects for your company.

Tax classification:

- Is part of the tax exception functionality, so for each tax classification you can specify the required tax data.
- Enables ERP LN to correctly default a **Tax Code** on the lines.

Tax exemptions in Order Management

Differences between ERP LN 6.1 FP2 and ERP LN 6.1 FP3

In SSA ERP LN 6.1 FP3, setting up tax exemptions has changed. For more information, refer to *Tax exemptions*.

As a result of the new way of setting up tax exemptions, the following changes are made in Order Management:

- Tax related fields are categorized under one **Tax** group box.
- The fields **Tax Exempt Reason** and **Tax Exemption Certificate** are renamed into **Exempt Reason** and **Exempt Certificate**.
- The **Exempt Reason** and **Exempt Certificate** fields are only visible if the **Tax Exempt Level** parameter is set to **Extended** in the Tax Parameters (tctax0100m000) session.
- The **Exempt Reason** and **Exempt Certificate** fields are defaulted from the method that is used to retrieve tax details, as defined in the **Search Order Tax Libraries** group box of the Tax Parameters (tctax0100m000) session.
- The **Exempt Reason** must be of the **Tax Exemption** type and must be date effective, as valued by the:
 - **Quotation Date** for sales quotations.
 - **Contract Date** for sales contracts.
 - **Planned Receipt Date** for sales schedules.
 - **Order Date** for sales orders.
 - **Planned Release Date** for installment orders.
 - **Return Date** for requests for quotations.
 - **Contract Date** for purchase ontracts.
 - **Planned Receipt Date** for purchase schedules.
 - **Order Date** for purchase orders.
- If the **Tax Exempt Level** parameter in the Tax Parameters (tctax0100m000) session is set to:
 - **Limited** and you select the **Exempt** check box manually, the **Tax Code** is defaulted from the Tax Handling (tctax0138m000) session. If you clear the **Exempt** check box manually, the tax code is not changed.
 - **Extended** and you select the **Exempt** check box manually, the **Tax Code** is not changed. If you clear the **Exempt** check box manually, the **Exempt Reason** and **Exempt Certificate** fields are cleared and disabled.
- The **Tax Exemption Certificate Text** check box is removed in SSA ERP LN 6.1 FP3.

The changes apply to the following sessions:

- Sales Quotation Lines (tdsls1501m000)
- Sales Contract Lines (tdsls3101s000)
- Sales Schedule - Lines (tdsls3107m000)

- Sales Order Lines (tdsls4101m000)
- Sales Order Delivery Lines (tdsls4101m100)
- Sales Installment Orders (tdsls4110m000), for installment lines of the **Advance** type.
- Buy-from BP - Quotations (tdpur1506m000)
- Purchase Contract Lines (tdpur3101m000)
- Purchase Schedule - Lines (tdpur3111m000)
- Purchase Release - Lines (tdpur3121m000)
- Purchase Release Line - Details (tdpur3522m000)
- Purchase Release Line - Details by Schedule (tdpur3522m100)
- Purchase Order Lines (tdpur4101m000)
- Purchase Order Line Details (tdpur4101m200)

Item Purchase Data

This topic describes the differences between the Item Purchase Data module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

Select receipt data on the buyer dashboard

In the Buyer Dashboard (tdipu0103m000) session, you can click the following new links:

- **Schedule Receipts**, to view all (partial) receipts that are made for a particular purchase schedule (line) in the Purchase Schedule - Receipts (tdpur3115m200) session. ERP LN only displays the receipts for the relevant item. However, on the **Specific** menu of the Purchase Schedule - Receipts (tdpur3115m200) session, you can click **View** and then **All Schedule Receipts** to view all schedule receipts.
- **Purchase Receipts**, to view, enter, and maintain the receipts that are recorded for a specific purchase order line in the Purchase Receipts (tdpur4106m000) session. ERP LN only displays the receipts for the relevant item. However, on the **Specific** menu of the Purchase Receipts (tdpur4106m000) session, you can click **View** and then **All Purchase Receipts** to view all purchase receipts.

Pricing Control

This topic describes the differences between the Pricing Control module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

Remove price book entries from contracts

If a price book is linked to a contract and the Price Books (tdpcg0131m000) session is started from the Sales Contract Lines (tdsls3101s000) session, or the Purchase Contract Price Revisions (tdpur3103m000) session, you can delete price book entries if the contract status is **Free** or **Terminated**. You cannot delete price book entries if the contract status is **Active**.

Purchase Control

This topic describes the differences between the Purchase Control module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

Break types

If you copy RFQ lines to the supplier price book in the Convert Quotations to Contracts/Orders/Price Books (tdpur1202m000) session, you can now indicate the break type for the RFQ lines that must be copied to the price book.

As a result, the following fields are added to the Convert Quotations to Contracts/Orders/Price Books (tdpur1202m000) session:

- **Price Book Break Type**
- **Discount Schedule Break Type**

Header check box in copy purchase order session

The **Copy Only Header** check box is added to the Copy Purchase Order (tdpur4201s000) session.

Print not yet confirmed orders and order lines

A user must be able to print a list of purchase orders/purchase order lines with an unconfirmed receipt date.

As a result, the following check boxes are added to the Print Purchase Order Reports (tdpur4405m000) session:

- **Only Orders not yet Confirmed**
- **Only Lines not yet Confirmed**

Sales Control

This topic describes the differences between the Sales Control module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

Sales order estimated COGS

In SSA ERP LN 6.1 FP2, after deliveries are executed for a sales order, you can view the *actual cost of goods sold (COGS)* information for sales orders in the Sales Order Actual Delivery Line COGS (tdsls4109m000) session.

To also view the *estimated* COGS information for sales orders before deliveries are executed, the new Sales Order Estimated COGS (tdsls4115m000) session is introduced in SSA ERP LN 6.1 FP3.

As a result of this new session, the cost price amounts are removed from the Price Inquiry (tdpcg0250m000) session.

Sales quotation line history

In the Sales Quotation Line History (tdsls1551m000) session, the following options are added to the **Specific** menu:

- **View Created Quotations**, to display quotation history for quotation lines that are copied to sales orders.
- **View Missed Quotations**, to display quotation history for quotation lines that are canceled.
- **View Deleted Quotations**, to display quotation history for quotation lines that are deleted.
- **View Intake**, to display quotation history for quotation lines that are added, changed, confirmed, or lost.

Sales and Marketing Information

This topic describes the differences between the Sales and Marketing Information module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

PCS Dashboard

In the Relation Management Dashboard (tdsmi1500m000) session, you can click the new **PCS Projects** link. You can use this link to view, enter, maintain, and delete the projects that are linked to the business partner in the Project Dashboard (tipcs0320m000) session.

Batch repair

In SSA ERP LN 6.1 FP3, you can group all defective serialized items that require a similar repair activity as a batch and repair them using a single work order. The work order can be created manually using the **Work Orders (tswcs2100m000)** session, or generated automatically using the Generate Batch Repair Work Orders (tswcs2200m000) session.

The created work order has the status **Free** and the **Batch Repair** check box must be checked in the Work Orders (tswcs2100m000) session. The repair (material, labor and other) cost of the batch is distributed equally among all the repaired serialized items. The price of items in the warehousing is added with the repair cost of serialized item.

Configuration Management

This topic describes the differences between the **Configuration Management** module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Serialized item status**

As part of the reverse logistics functionality, four new status are added to the serialized item in the Serialized Items (tscfg2100m000) session.

Maintenance Sales Control

This topic describes the differences between the **Maintenance Sales Control** module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **RMA and depo repair**
In SSA ERP LN 6.1 FP3, two new options **Convert to Part Receipt** and **Convert to Part Deliver** are provided in the Part Lines (tsmsc1110m000) session.
- **Convert to part delivery**
In case the service department thinks that the loaned part need not be returned by the customer, for that item the **Convert part loan to part delivery** option is used. You can invoice the customer for the delivered part.
- **Convert to part receipt**
In case the service department thinks that the part under maintenance cannot be returned to the customer (Example not able to repair the part), the **Convert part maintenance to part receipt** option can be used. While costing, a credit note is generated.
- **Batch costing**
In SSA ERP LN 6.1 FP3 to facilitate batch costing of specified range of maintenance sales orders, the following two new sessions are introduced:
 - Cost Maintenance Sales Orders (tsmsc2290m000)
 - Interactive Costing for Maintenance Sales Order (tsmsc4110m000)
- **Integration with Freight Management**
In SSA ERP LN 6.1 FP3, the **Maintenance Sales Order Line (tsmsc1110m000)** session is enhanced to support the integration. A new tab **Freight Planning** is added to the session.

Master Data Management

This topic describes the differences between the **Master Data Management** module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Warehouse order types**
Two new warehouse order types, namely, **Issue/Delivery** and **Receipt/Return** are added to the Service Types (tsmdm0130m000) session

- **Supplier direct delivery**
A new delivery type **Supplier Direct Delivery** is added to the **Delivery Type** field in the Items - Service (tsmdm2100m000) session to enable the supplier to deliver the item directly to the customer location after a purchase order is raised.
- **Service analytics**
In SSA ERP LN 6.1 FP3, the service analytics functionality is introduced to provide measurements with regard to service installations. The information is provided to the user in the form of reports and can be used to optimize the service process of the organization and make it more efficient and cost effective.
The following three new sessions are introduced:
 - Calculate Service Performance Indicators (tsmdm3400m100)
 - Calculate Uptime Analysis (tsmdm3400m200)
 - Calculate Repair Costs (tsmdm3400m300)

Purchase direct delivery and return

In SSA ERP LN 6.1 FP3, the purchase direct delivery and return functionality is introduced to facilitate direct delivery and return of goods.

Purchase direct delivery

The purchase direct delivery functionality enables a supplier to directly ship the goods to the customer location. You can use the freight orders to ship the goods from the supplier.

Purchase direct return

The purchase direct return functionality enables the service engineer to return the excess quantity either to the company's warehouse or directly to the supplier, in case the total quantity shipped by the supplier remains unutilised. You can use the freight orders to ship the goods back to the supplier.

The freight cost can be invoiced from Service, Freight Management, or can be ignored.

Serialized item analytics

In SSA ERP LN 6.1 FP3, the service analytics functionality is introduced to provide measurements such as Mean Time To Repair, Mean Time Between Failure (MTBF), uptime availability, work in process, and spent cost/sales data information with regard to service installations. The analysis of these key

performance indicators is used to better the service performance of the organization and the installed base in the service industry.

The information is provided to the user in the form of reports and can be used to optimize the service process of the organization and make it more efficient and cost effective.

SSA ERP Service - Freight Management integration

In SSA ERP LN 6.1 FP3, you can generate freight orders using the Maintenance Sales Order Lines (tsmsc1110m000) session and the Service Order Material Costs (tssoc2121m000) session. You can invoice the freight cost involved in the transportation of the broken/defective part from the customer to the depot and deliver the repaired part back to the customer. Both sessions are enhanced to support this functionality.

Note

You can generate freight orders using the Service Order Material Costs (tssoc2121m000) session only for delivery types **Supplier Direct Delivery** or **Supplier Direct Return**.

Service Order Control

This topic describes the differences between the **Service Order Control** module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Batch costing**
In SSA ERP LN 6.1 FP3, to facilitate batch costing of specified range of service orders, the following two new sessions are introduced:
 - Cost Service Orders (tssoc2290m000)
 - Interactive Costing for Service Orders (tssoc4110m000)
- **Integration with Freight Management**
In SSA ERP LN 6.1 FP3, the Service Order Actual Material Costs (tssoc2121m000) session and the Service Order Estimated Material Costs (tssoc2120m000) session are enhanced to support the integration. A new **Freight** tab is introduced in the session.
- **Delivery type**
In SSA ERP LN 6.1 FP3, as part of the reverse logistics functionality, a new delivery type **To Scrap** is added to the **Delivery Type** field in the **Service Order Actual Material Costs (tssoc2121m000)** session to facilitate the

removal or replacement of a irreparable component from a customer owned equipment. The item for this delivery type is not sent to Warehousing.

- **Purchase direct delivery and return**

In SSA ERP LN 6.1 FP3, as part of the Purchase direct delivery and return functionality, following changes are made:

- A new checkbox **Delivery Type 'Supplier Direct Delivery'** is added in the Service Order Parameters (tssoc0100m000) session. If this check box is selected, return deliveries with delivery type **Supplier Direct Return** are generated for the material lines. The process is used to return the non-consumed items to the supplier directly or to a warehouse.
- A new check box **Return Not Consumed Item Direct to Supplier** is added to the **Service Order Actual Material Costs (tssoc2121m000)** session to return the item directly to the supplier.
- A new delivery type **Supplier Direct Delivery** is added to the **Delivery Type** field in the **Service Order Estimated Material Costs (tssoc2120m000)** session. To enable a supplier to deliver the item directly to the customer, for a purchase order, the **delivery type** must be set to **Supplier Direct Delivery**.

Work Order Control

This topic describes the differences between the **Work Order Control** module in SSA ERP LN 6.1 FP2 and in SSA ERP LN 6.1 FP3 that are not already discussed in other Differences topics.

New and changed functionality

- **Batch repair**

In SSA ERP LN 6.1 FP3, two new sessions are created to facilitate the batch repair functionality. The Generate Batch Repair Work Orders (tswcs2200m000) session is used to generate work orders for all defective serialized items that require a similar repair activity. The Input Specific Serials (tswcs2800s000) session is used to select specific serials for the batch repair.

- **Delivery type**

In SSA ERP LN 6.1 FP3, a new delivery type **To Scrap** is added to the **Delivery Type** field in the Work Order Material Resources (tswcs4110m000) session to facilitate the removal or replacement of a irreparable component from a customer owned equipment. The item for this delivery type is not sent to Warehousing.

Additional statuses for inbound order lines

New in SSA ERP LN 6.1 FP3

For inbound order lines that require inspections, the following statuses are added:

- **To be Inspected**
- **Inspected**

For *all* inbound order lines, the **Planned** status is introduced.

Automatic processing of inventory variances

New in SSA ERP LN 6.1 FP3

To enable automatic processing of inventory variances, the **Process Inventory Variances Automatically** parameter is added to the following sessions:

- Inventory Analysis Parameters (whina0100m000)
- Item - Warehousing Defaults (whwmd4501m000)
- Warehouses (whwmd2500m000)
- Items - Warehousing (whwmd4500m000)
- Warehouse - Item (whwmd2510m000)

To facilitate updating the previous parameter and other active parameters, the following session is added:

- Update active Parameters in Warehouses and Items (whwmd2200m000)

Easy move of stock between locations in same warehouse

New in SSA ERP LN 6.1 FP3

To facilitate easily moving of stock (HU and non-HU) between locations in the same warehouse, two sessions are added:

- Easy Inventory Movement (whinr1250m000)
- Easy Inventory Movement (Range) (whinr1252m000)

To access the first session, the **Easy Inventory Movement** command is added to the **Specific** menu of the following sessions:

- Stock Point Inventory (whinr1540m000)
- Item - Inventory Structure (whinr1550m000)
- Handling Units (whwmd5130m000)

Inventory valuation method for serial pricing

New in SSA ERP LN 6.1 FP3

A new inventory valuation method is introduced: **Serial Price (Serial)**.

For serial pricing, the following sessions are added in which serial price changes (called *transactions*) are recorded:

- Serial Price Transactions (whltc5501m000)
- Serial Price Transaction Cost Details (whltc5502m000)

Item signals for warehousing transactions

New in SSA ERP LN 6.1 FP3

Users can link a signal to an item.. For several function areas users can make the item signal blocking. This can be defined in the Item Signals (tcmcs0118m000) session.

The functionality of blocking is extended:

- For receipt corrections, this means that receipt corrections are not allowed for items with a signal code that is blocked.
- For cycle counting and adjustment orders, users cannot create a line for an item that has a blocking item signal.

Lot/serial registration for direct delivery purchase orders

New in SSA ERP LN 6.1 FP3

In the Items - Warehousing (whwmd4500m000) session, the following parameters are added:

- **Lot Entry for Direct Delivery**
- **Serial Number Entry for Direct Delivery**

By using these parameters, lot/serial entry for a 'normal' receipt in a warehouse can be distinguished from lot/serial entry for a purchase receipt of a direct delivery. As a result, registering lots/serials during direct delivery via ASN's can be skipped, while it remains possible to force registering lots/serials during a normal receipt in a warehouse.

Miscellaneous minor enhancements

New in SSA ERP LN 6.1 FP3

- Additional label fields for handling units, Kanban, and DMS.
See: Label layout and printing.
- Barcode improvements for printing labels
Two fields added to Label Layouts (whwmd5520m000) session:
 - **Barcode Type** (enables users to select a predefined barcode layout from a list)
 - **Barcode Height [Lines]**
- Graph of Planned Inventory Transactions - Chart (whinp1700m000) session extended with reorder point line.
- **Inspection Date** range added to Print Warehouse Inspections (whinh3422m000) session.
- Inventory blocking including or excluding EP
- **Inventory Dashboard** shows inventory by warehouse
Previously, in the Inventory Dashboard (whwmd4300m000) session, the item inventory was displayed for a company. The user could filter items for a warehouse, but inventory was still displayed on company level.
Now, columns are added to display the inventory for the filtered warehouse. The warehouse inventory columns are initially hidden, and can be displayed using the **Customize Grid** option in the session's **View** menu.
- **New Page per Order** option added to Generate Picking List (whinh4415m000) session.
- Print back order quantity on packing slip
- **Slow-Moving Analysis** by extended with **Item Group** option in Perform Slow-Moving Analysis (whina6220m000) session.

- Sorting improvements for cycle count orders
Cycle counting order lines can now be sorted in the same way as printed on the cycle counting report.
- **Specific Order Selection** command added to **Specific** menu of following sessions:
 - Print Goods Received Note (whinh3412m100)
 - Generate Storage List (whinh3415m000)
 - Generate Outbound Advice (whinh4201m000)
 - Release Outbound Advice (whinh4202m000)
 - Generate Picking List (whinh4415m000)
- Warehousing inspections (of inbound order lines) enabled for all order origins.
See: Warehouse inspections and order origin.

Negative inventory

New in SSA ERP LN 6.1 FP3

Process/Generate Outbound Advice

Outbound advice can now be generated even if not sufficient Inventory is available.

The **Create Outbound Advice Despite Inventory Shortage** option is added to the following sessions:

- Process Outbound Advice (whinh4200m000)
- Generate Outbound Advice (whinh4201m000)

Confirm Picking List

Previously, confirmation of the picking list line was blocked if not sufficient inventory was available or on order.

Now, if, in the Warehouse - Item (whwmd2110s000) session, **Allow Negative Inventory without On Order** is selected, ERP LN will no longer check this constraint.

New multi-main table sessions

New in SSA ERP LN 6.1 FP3

The following multi-main table sessions are added:

- MAUC by Item and Warehouse Valuation Group (whina1634m000)
- MAUC Transaction by Item and Warehouse Valuation Group (whina1636m000)

- Warehousing Order Type (whinh0610m000)
- Warehousing Order (whinh2100m100)
- Warehouse Receipts (whinh3512m000)
- Shipment Notice (whinh3600m000)
- Shipments (whinh4630m000)
- Delivery Notes (whinh4635m000)
- Loads (whinh4640m000)
- Adjustment Order (whinh5120m100)
- Cycle Counting Order (whinh5600m000)
- Handling Units (whwmd5630m000)

One MAUC across warehouses

New in SSA ERP LN 6.1 FP3

In the Warehouse - Item (whwmd2110s000) session, the **Valuation by Warehouse Valuation Group** check box enables users to indicate that valuation must be performed by warehouse valuation group. For all warehouses in the warehouse valuation group that have this valuation method, a total MAUC is stored. As a result, users can also assign a different valuation method to a specific warehouse, such as a **Service Reject** warehouse, within a warehouse valuation group. In that case, the warehouse will not be taken into account for the MAUC across warehouses. Every change in the MAUC by warehouse valuation group is stored.

Order priority taken into account by TPOP and OC/Single

New in SSA ERP LN 6.1 FP3

Because ERP LN supports direct material supply (DMS), also the order priority must be considered during the generation of TPOP orders.

The order priority is reflected on the planned inventory transactions. When generating TPOP orders, the planned transactions are considered. If planned transactions have the same planned transaction date, the orders will not all be grouped together, but only the ones with the same order priority. If warehouse transfer orders are generated, the order priority will be passed on to the transfer order.

The **Order Priority** field is added to the Planned Inventory Transactions (whinp1500m000) session.

Partial handling unit structure

New in SSA ERP LN 6.1 FP3

Usually, if you pack items by means of a package definition, the number of items that you pack is equal to the number of items defined in the package definition, or is a multiple of this total number of items.

Previously, if the quantity of the items to be packed did not match the quantity defined in the package definition, or was not a multiple of this quantity, the remaining quantity was packed in a single handling unit.

Now, the remaining quantity is packed in a partial packing structure, that is, is proportionally divided among the handling unit structure defined in the package definition.

Serialized item status

New in SSA ERP LN 6.1 FP3

For easier handling of serialized items that are individually stored in inventory, serial statuses are added. The serial item status is displayed in various sessions, such as the following:

- Item - Serials and Warehouses (whltc5100m000)
- Outbound Order Lines (whinh2120m000)
- Item - Serials - Receipts (whltc5511m000)
- Order - Serials (whltc5512m000)
- Serial Tracking - Overview (whltc5515m000)
- Cycle Counting Order Line Lots and Serials (whinh5106m000)
- Adjustment Order Line Lots and Serials (whinh5126m000)

Note

The **Serial Status** field in the Outbound Order Lines (whinh2120m000) session enables users to issue serialized items with a new status.

Single shipment warehousing order

New in SSA ERP LN 6.1 FP3

If, in the Warehousing Order Type (whinh0110m000) session, the **Single Shipment** check box is selected, this causes the **Single Shipment** check box in the Freight Orders (fmfoc2100m000) session and the Freight Order (fmfoc2100m100) session to be automatically selected for freight orders generated from warehousing orders of the current warehousing order type.

Note

This also applies to freight orders generated from sales orders whose order type is associated with a warehousing order type for which the **Single Shipment** check box is selected.

Appendix A

Glossary

A

accounting office

A department that a financial company uses to group financial data on a more detailed level than by enterprise unit.

You can typically use accounting offices to group the following types of financial data:

- Manually entered sales invoices
- Trade notes
- Business partner financial data

In a financial company you can link an accounting office to the following business partner roles:

- Invoice-to business partner.
- Pay-by business partner.
- Invoice-from business partner.
- Pay-to business partner.

activity

A step that you must carry out for the purchase/sales order type. An activity represents the sessions or the manual action that you must carry out for the purchase/sales order type.

additional costs

Extra costs charged by the invoice-from business partner which create a difference between the invoice amount and the order amount or the goods received amount. For example, storage costs, freight costs, and insurance costs.

advance receipt request (ARR)

A request to pay (a part of) the sales amount before the goods are sent to a sold-to business partner.

Synonyms: prepayment, advance installment

alternative material

A substitute for a BOM material that the system can select in case the standard material is out of stock.

An alternative material is supposed to meet the same specifications, but only in the context of a BOM for a specific main item.

See: alternative items

assigned approver

The person or department that is responsible for removing a hold reason from a registered invoice and release the invoice for further processing.

availability type

A means to categorize the availability of a resource (for example, employees, transport, service and so on) according to type.

bank relation

A bank account of your company. The bank relation definition includes details such as your bank account number, the account type, the international bank account number, the bank's currency and whether other currencies are allowed, and whether the account is a blocked account.

bar code

A series of alternating bars and spaces printed on documents or products, representing encoded information that can be read by electronic scanners.

blocking

A function used to block inventory transactions. You can define blockings by zone, location, lot, stockpoint, or serialized item.

See: reason for blocking

break type

An entity used to specify how breaks between ranges of entities such as distances, amounts, or ordered quantities of items are defined. A break, in this case, is the first or the last number of a range. A break type has either of the following values:

Minimum The break is the lowest number of a range.

Example

Break type minimum

Ordered quantity	Discount
10	3%
50	5%

In this case, the breaks are 10 and 50. Ordered quantities ≥ 10 and < 50 get a 3% discount. Ordered quantities of 50 and more get a 5% discount.

Up To The break is the highest number of a range.

Example

Break type up to

Distance	Freight rate
100	10
1000	50

In this case, the breaks are 100 and 1000. For distances ≤ 100 , the rate is 10. For distances > 100 and ≤ 1000 , the rate is 50.

calculation office

A work center that determines the enterprise unit for a project or production order and that has an administrative function.

For production orders, operations can be carried out in the calculation office, because the calculation office can act as a regular work center.

cash flow reason

An indication of the kind of cash transaction. Transactions to which you link a reason code of the **Cash Flow** type are included in the cash flow statement, sorted by cash flow reason.

cash flow reason group

A way to group cash flow reasons on the cash flow statement. On the cash flow statement, ERP LN prints the subtotals for each cash flow reason group.

cash flow statement

A report of the cash transactions history in a financial period. The report provides an overview of the sources and uses for cash. In some countries, a cash flow statement must be submitted to the authorities periodically.

cost item

An administrative item that is used to post extra costs to an order. Extra costs are, for example, accounting expenses, clearance charges, design costs, and freight expenses.

Cost items are not used for production and cannot be held in inventory. They are also referred to as expense items.

cost of goods sold

Cost of Goods Sold (COGS) is the expense a company incurs in order to manufacture, create, or sell a product. It includes the purchase price of the raw material as well as the expenses of turning it into a product.

cycle count order

An order generated by ERP LN to count the inventory by stockpoint at a particular frequency and to subsequently register the counted quantities. A cycle count order consists of an order number and a sequence number indicating the number of counts performed on this order. As a result of the count action, you can adjust the inventory.

direct delivery

The process in which a seller orders goods from a buy-from business partner, who must also deliver the goods directly to the sold-to business partner. By means of a purchase order that is linked to a sales order or a service order, the buy-from business partner delivers the goods directly to the sold-to business partner. The goods are not delivered from your own warehouse, so Warehouse Management is not involved.

A seller can decide for a direct delivery because:

- There is a shortage of available stock.
- The ordered quantity cannot be delivered in time.
- The ordered quantity cannot be transported by your company.
- Costs and time are saved.

direct material supply

A supply method in which (pending) receipts and available inventory on hand are used to meet high-priority demand within a user-specific cluster of warehouses. This supply method can be run either automatically, interactively, or manually, using the Direct Material Supply Distribution (whinh6130m000) session.

Abbreviation: DMS

See: cross-docking, warehouse supply structure

DMS

See: *direct material supply* (p. A-5)

external invoice

An invoice automatically created in ERP LN, triggered by and based on data from an integrated external application, for example, E-Procurement.

factoring

A form of accounts receivable financing that consists of the sale of a company's accounts receivable to a third party (the factor), in order to obtain funding. The sale is made at a discount from the account's value.

Customers remit to the factor either directly or indirectly through the seller. Factoring can be with or without recourse. For factoring with recourse, the risk of customer non-payment remains with the company.

Financial company

A company that is used for posting financial data in Financials. You can link one or more enterprise units from multiple logistic companies to one financial company.

financial department

The department that determines the financial company to which the transaction must be posted and which is responsible for the tax declaration in the tax country of the order. The financial company's home country must be the tax country of the order. The financial department is an accounting office of the financial company.

If the financial company of the administrative department has a tax number in the tax country of the order, the financial department is the same department as the administrative department.

freight order

A commission to transport a particular number of goods. A freight order includes an order header and one or more order lines.

A freight order header includes some general information, such as the delivery date and the name and address of the customer who is to receive the goods listed on the freight order.

A freight order line includes an item to be transported and some details about the item, such as the quantity and the dimensions.

GL code

Represents a ledger account and the corresponding dimensions. GL codes are used to represent ledger accounts to users who are not familiar with the structure of the chart of accounts.

To specific logistic transactions, you can link a GL code. Such integration transactions are mapped directly to the ledger account and dimensions of the GL code, they are not included in the mapping process.

hold reason

A code attached to a purchase invoice to block the payment of that invoice.

integration document type

Represents a type of Operations Management transaction for the purpose of mapping and posting the integration transactions to Financials and for financial reconciliation.

The integration document types supplied by ERP LN each have the corresponding business object attached to them. For example, the integration document types for the various **Sales Order** transactions have the **Sales Order** business object linked to them.

integration mapping scheme

A scheme that defines the ledger accounts and dimensions to which the integration transactions are posted.

inventory valuation method

A method to calculate the inventory value.

The inventory is valued at either its fixed price or its actual receipt price. Because inventory value can change with time, the age of inventory needs to be noted. In ERP LN, the following inventory valuation methods are available:

- **Fixed Transfer Price (FTP)**
- **First In First Out (FIFO)**
- **Last In First Out (LIFO)**
- **Lot Price (Lot)**
- **Mov. Aver. Unit Cost (MAUC)**
- **Serial Price (Serial)**

load plan

The identification of a structure of shipments and loads created for one or more freight orders. The shipments and loads show the transport planning details, such as planned loading and unloading dates and addresses, of the freight orders for which transportation planning is generated. You can use the load building engine to create a load plan. If you select a range of freight orders and start up the load building engine, the freight orders are grouped into shipments and loads. The resulting shipments and loads form a load plan. You can also create load plans manually.

Synonym: plan

manufacturer part number (MPN)

The unique identification of a manufacturer's item code, which is used in the item ordering and identification process.

Mean Time Between Failure

The average time interval between failures of a repairable product for a defined unit of measure. For example: operating hours, cycles, kilometers, or miles.

Acronym: MTBF

Mean Time To Repair

The average time interval between the moment a failure is registered and the moment that the failure is solved. For example, the failure is registered by means of a call and is solved by means of a service order. Acronym: MTTR

multisite

Relating to the flow of goods or information between multiple sites.

Typically, these sites are located in various regions or countries, but they belong to the same group of companies.

These sites are modeled as financial or logistical companies within ERP LN.

net-change simulation

A recalculation of planned orders or a master plan that starts at the earliest change in the planning data since the last simulation.

Example

Suppose, you did a regenerative planning on May 1, and then, a BOM is modified for item Y, effective on June 1. As a result, ERP LN sets the net-change date to June 1. In that situation, a net-change simulation only replans item Y for the period starting on June 1.

Antonym: Regeneration

Synonym: Net-change planning

order block

A group of production orders that have the same setup states and are produced on the same machine.

Production orders with the same setup states can be executed on a machine without changing the machine's setup.

See: setup state

package definition

A particular configuration of items and their packaging. A package definition for an item can, for example, be the following: a pallet contains 12 boxes and each box contains 4 pieces.

See: general-level package definition, item-level package definition

payment schedule

Agreements about the amounts that must be paid by payment period. You can link a payment schedule to the terms of payment and, in this way, to sales invoices and purchase invoices.

Each line of the payment schedule defines a part of the invoice amount that must be paid within a specific period, the payment method used for the payment, and the discount conditions that apply to the payment.

Synonym: Receipt schedule

Note

In many sessions, 'payment schedule' refers to a payment schedule *line*.

If you use receipts against shipments, 'payment schedule' refers to a shipment.

plan

See: *load plan* (p. A-7)

planned inventory transactions

The expected changes in the inventory levels due to planned orders for items.

planning group

An entity that is used to group freight order lines into shipments and loads or freight order clusters.

Each freight order line is allocated to a planning group. Freight order lines with different planning groups cannot be in the same shipment, load, or freight order cluster. For example, all goods destined for Belgium are subdivided into planning group Belgium.

From a hierarchical perspective, the planning group is one level below the shipping office. A shipping office has one or more planning groups. Freight orders are grouped into shipping offices, the underlying freight order lines are grouped into the planning groups of the shipping office.

production order status

The status assigned to a production order, which indicates how far a production order has been processed. For example, **Planned**, **Documents Printed**, or **Released**.

project

A collection of manufacturing and purchasing actions that are performed especially for a particular customer order. A project is initiated by a customer order for items having a **To Order** order policy. The purpose of a project is to plan and coordinate the production of these items.

For a standard-to-order production, the project is only used to link the item with the customer order. Otherwise, a project can include:

- Customized item data (BOMs and routings)
- Project planning (activity planning)

A budget is a special type of project. A budget is used to plan and estimate, not to carry out production.

project item

An item that is produced or purchased for a particular sales order. The item's project provides a link with the sales order.

A project item can be recognized by its item code. If a code has been entered in the project segment, the item is a project item.

Project items are created when you enter a sales order for an item with an **To Order** order policy.

A project item can be customized to the specifications of a customer, but it can also be a standard-to-order item.

reorder point

A set inventory level where, if the total stock on-hand plus total on-order falls below that point, action is taken to replenish the stock.

rough planning

A module in Freight Management that provides estimates of both available transport capacity and required transport capacity in a given period of time. Using Rough Planning, those responsible for freight planning can see how much transport capacity is available to them, how much they need, and, if necessary, arrange additional capacity from their carriers.

sales type

A sales order property that allows you to identify the kind of sale made and the kind of receivable. This property is used to post the sales to the correct accounts receivable account when the invoice is created. To post a sales invoice, ERP LN retrieves the accounts receivable control account from the sales type linked to the sales order line.

segmentation

A subdivision of the item code in different logical parts, called segments.

These segments are visible in the sessions as separate fields. Examples of segments are:

- Project segment
- Cluster segment
- Item identification

self-billing

The automatic creation, matching, and approval of an invoice during receipt of goods by an agreement between business partners. The sold-to business partner pays for the goods without having received an invoice.

shop floor warehouse

A warehouse that stores intermediate inventory in order to supply work centers. A shop floor warehouse is linked to one or more work centers and can be supplied with goods by means of replenishment orders, or by pull-based material supply.

The pull-based material supply methods are:

- **Order Controlled/Batch** (only applicable in Assembly Control).
- **Order Controlled/SILS** (only applicable in Assembly Control).
- **Order Controlled/Single** (only applicable in Shop Floor Control).
- **KANBAN.**
- **Time-Phased Order Point.**

The items stored in the shop-floor warehouse are not part of the work in process (WIP). When items leave the shop floor warehouse for use in production, their value is added to the WIP.

Synonym: WIP warehouse

signal

A warning message displayed if you enter or select an item to which a signal is linked. Item signals can also be used to block the issue and/or requisition of items.

Business-partner signal

A warning message displayed if you select a business partner to which a signal is linked.

tax classification

An attribute of order headers and order lines that you can use to define tax exceptions for the transaction. ERP LN retrieves the default tax classification from the invoice-from and invoice-to business partners.

For example, you can use the tax classification to indicate:

- That payments to an invoice-from business partner are subject to withholding tax and social contributions
- To group business partners that have the same tax aspects for your company, for example, subcontractors, or agents
- That the tax must be paid in a country other than the sales office or service office's home country

tax code exception

A set of transaction details for which you define a tax code and/or tax country and business partner tax country other than the values that result from the standard tax code derivation.

tax exemption certificate

A certificate issued by a tax authority to a specific business, exempting them from sales tax within the tax authority's jurisdiction. When you purchase goods or services, you must provide the certificate number to your supplier to authorize them not to collect the tax.

terms of payment

Agreements about the way in which invoices are paid.

The terms of payment include:

- The period within which invoices must be paid.
- The discount granted if an invoice is paid within a given period

The terms of payment allow you to calculate:

- The date on which the payment is due
- The date on which the discount periods expire
- The discount amount

trade note receivable (TNR)

A promissory note received from a customer or a bill of exchange accepted by a customer with the commitment to pay the amount due after a certain period.

Acronym: TNR

transfer order

A type of warehousing order that is created to register inventory transactions from a replenishing warehouse to a destination warehouse. A transfer order can be generated by other packages/modules in ERP LN or defined manually.

transport means combination

A combined means of transport that consists of various vehicle types and/or means of transport which jointly transport a load. If a transport means combination includes more than one means of transport, Freight Management can perform load building for more than one means of transport per load. Transport means combinations are also used in freight order clustering. A transport means combination shows the combined means of transport that is to transport the goods listed on a freight order cluster.

transport means group

A classification used to group means of transport, such as:

- Vans
- Trucks
- Container ships
- Cargo aircraft

For each group, properties are defined, such as:

- The average speed
- The loading capacity

Each means of transport defined in Freight Management belongs to a transport means group. For example, transport means group: Vans, means of transport: van with licence number XX333444 .

use-up material

A material that has been replaced by another item in all BOMs.

After the use-up material's last allowed order date elapses, any remaining stock is used up; then, the replacement material will be used.

VAT

Acronym for value-added tax; the indirect percentage tax levied on products or services at various stages of production and distribution.

warehouse valuation group

An entity that is used to group warehouses for inventory valuation purposes. To define a warehouse valuation group, you must link a warehouse valuation group code to the warehouses that you want to include in the warehouse valuation group. Warehouse valuation groups and item valuation groups are linked, for example, to inventory valuation methods to value the item-warehouse combinations included in the warehouse and item valuation groups.

See: item valuation group

WIP warehouse

See: *shop floor warehouse* (p. A-11)

work in process

In Service, the amount of work to do is indicated per service center by means of: The number of calls with the **Assigned** status; The service orders with the **Planned** status and **Released** status. Acronym: WIP

Z5 report

A German report of claims on and liabilities to non-residents arising from transactions in goods and services. The report includes claims on and liabilities to non-resident associated enterprises and non-resident businesses other than banks, to which you are linked through common interests.

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