

Difference Study ERP LN 6.1 FP5 - FP6

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Publication Information

Document code	P3645A US
Release	Infor ERP LN 6.1 FP6
Publication date	November 26, 2009

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About this document

Document summary

This document describes the functional changes between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6, ordered by ERP LN package.

How to read this document

The differences between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6 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 Web Help.
2. In the Navigation area, click Infor ERP LN 6.1 FP6.
3. Click Differences ERP LN 6.1 FP5 - FP6.

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 - To find your local support phone number, click **Contact Infor** in the top right corner of the home page, enter a product name, and click **Search**.
-

Common

This topic lists the differences topics for Common between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

Common module differences

The differences are listed in the following module differences topics:

- *Common Data (p. 1-1)*
- *Tables (p. 1-3)*
- *Enterprise Modeling Management (p. 1-2)*
- *Terms and Conditions (p. 1-4)*

Common Data

This topic describes the differences between the Common Data module in Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

Contacts

Contacts can be centrally defined in the Common Data module from which they can be viewed and selected by other modules.

As a result, the following are applicable:

- The Contacts (tccom1640m000) session is new.
 - The Business Partner by Contact (tccom4546m000) session is new.
 - The Contacts by Business Partner (tccom4545m000) session is extended.
-

Delivery points

To further specify delivery addresses, delivery points are introduced in Infor ERP LN 6.1 FP6.

The following are new in Infor ERP LN 6.1 FP6:

- The **Delivery Points**, **Number Group for Delivery Points**, and **Series for Delivery Points** fields in the COM Parameters (tccom0000s000) session.
- The Delivery Points (tccom4134m000) session.
- The Print Delivery Points (tccom4434m000) session.

Match code

The **Match Code** field is added to the **Invoicing** tab of the Invoice-to Business Partners (tccom4112s000) session.

Note: match codes are maintained in the new Match Codes (tcmcs0158m000) session.

Valuation price

The **Valuation Price** field is added to the **Financial Data Internal** tab of the Intrastat Transactions (tccom7171m000) session.

For more information, refer to Valuation price and invoice amounts for staggered consignments.

Enterprise Modeling Management

This topic describes the differences between the Enterprise Modeling Management module in Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

Additional checks in EMM Company setup

In Infor ERP LN 6.1 FP6, the following checks were added to the Check Company Setup (tcemm0230m000) session:

- The session checks whether the departments linked to the selected enterprise units have the correct operational companies.
- The session checks whether the selected key entities have a valid enterprise unit.

Price book usage for internal invoices

In Infor ERP LN 6.1 FP6, the **Read Pricebook based on** field was added to the Enterprise Modeling Management Parameters (tcemm0100m000) session. This

field determines how ERP LN reads the price book for internal invoices. ERP LN reads the price book either by component or by main item.

Default goods transfer

In Infor ERP LN 6.1 FP5, you can specify a goods transfer relationship as the default value in the Goods Transfer (tcomm2150m000) session.

In Infor ERP LN 6.1 FP6, you could which goods transfer relationships are used as default in the **Bilateral Invoice** and **Triangular Invoice** fields in the Enterprise Modeling Management Parameters (tcomm0100m000) session.

Tables

This topic describes the differences between the Tables module in Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

Moved sessions

A number of sessions are moved from the Relation Management module in Order Management to the Tables module in Common Data.

Removed session in Order Manage- New session in Common Data ment

Salutations (tdsmi0101m000)	Salutations (tcmcs1120m000)
Job Titles (tdsmi0104m000)	Job Titles (tcmcs1121m000)
Promotions (tdsmi0105m000)	Promotions (tcmcs1123m000)
Attention Codes (tdsmi0106m000)	Attention Codes (tcmcs1122m000)
Print Salutations (tdsmi0401m000)	Print Salutations (tcmcs1420m000)
Print Job Titles (tdsmi0404m000)	Print Job Titles (tcmcs1421m000)
Print Promotions (tdsmi0405m000)	Print Promotions (tcmcs1423m000)
Print Attentions (tdsmi0406m000)	Print Attentions (tcmcs1422m000)

Terms and Conditions

This topic describes the differences between the Terms and Conditions module in Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

Schedule terms and conditions

The terms and conditions groups are extended with a **Schedule** group. Use the new Schedule Terms and Conditions (tctrm1131m000) session to specify the schedule terms and conditions details agreed with your business partner.

Financials

This topic lists the available differences topics for Financials. The topic describes the differences between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

Financial module differences

The differences made in each module are described separately in the following topics:

- *General Ledger (p. 2-1)*
- *Accounts Receivable (p. 2-2)*
- *Accounts Payable (p. 2-3)*
- *Cash Management (p. 2-3)*
- *Financial Statements (p. 2-4)*

General Ledger

This topic describes the differences between the General Ledger module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

Account matching

- **Automatic matching**
 - Automatic matching parameters are defined in a separate session: Account Matching Parameters (tfgld1161m000).
 - Account matching now makes use of priorities and priority sequences.
 - Account matching can be performed based on multiple criteria, such as transaction reference (or part of it), transaction type, and document number.

- **Manual account matching**

During matching no checks are performed whether specific transactions can be matched. These checks are performed when the transaction is approved. Each user is only allowed to match the ledger accounts to which that user is assigned. If required, transactions can be added to an existing set of matched transactions.

- **Approve matching transactions**

Account matching can only be performed by users who are authorized for the applicable ledger accounts. Users who are authorized to approve the resulting matching transactions, can only approve transactions within the tolerances that are defined for their ledger accounts.

One or more users can be authorized to approve other users' matching transactions for their own ledger accounts and within their tolerances.

Any user can process matching transactions for their own set of ledger accounts.

A *super user* can match, approve, and process matching transactions for any ledger account and for any tolerance.

Note

- The new functionality in Infor ERP LN 6.1 FP6 allows account matching on *finalized* transactions in the local currency only.
- For more information, refer to Account matching.

Enhanced journal entry

You can use the new Journal Voucher Documents (tfgld0618m000) session to enter journal voucher lines.

Reconciliation corrections

The new Create Reconciliation Corrections (tfgld4295m700) session allows you to create correction transactions in batch.

Accounts Receivable

This topic describes the differences between the Accounts Receivable module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

New in Infor ERP LN 6.1 FP6

- **Advance, unallocated and anticipated receipts**

In Infor ERP LN 6.1 FP6 advance receipts, unallocated receipts, and anticipated receipts are shown as separate amounts in the Accounts Receivable Management Dashboard (tfacr2560m000) session.

Corresponding options are added to the following report sessions:

- Print Invoice-to Business Partner Aging Analysis (tfacr2420m000)
- Print Invoice-to Business Partner Open Entries (tfacr2421m000)
- Print Invoice-to Business Partner Aging Summary (tfacr2411m000)
- Invoice-to Business Partner Aging Summary (tfacr2511m000)

Accounts Payable

This topic describes the differences between the Accounts Payable module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

New in Infor ERP LN 6.1 FP6

- **Advance, unallocated, and anticipated payments**

In Infor ERP LN 6.1 FP6 advance payments, unallocated payments, and anticipated payments are shown as separate amounts in the Accounts Payable Management Dashboard (tfacp2560m000) session. Corresponding options are added to the following report sessions:

- Print Invoice-from Business Partner Aging Analysis (tfacp2420m000)
- Print Invoice-from Business Partner Open Entries (tfacp2421m000)
- Print Invoice-from Business Partner Aging Summary (tfacp3425m000)
- Invoice-from Business Partner Aging Summary (tfacp3525m000)

- **Discount amounts and due dates**

The Invoice-from Business Partner Open Entries (tfacp2520m000) session now also shows discount amounts and due dates, if applicable.

- **Supplier cash forecast**

To view the total payable amount for a specific supplier, you can use the new Cash Forecast by Supplier/Payment Due Date (tfacp2508m000) session.

Cash Management

This topic describes the differences between the Cash Management module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

New in Infor ERP LN 6.1 FP6

- **Japanese bank charges**
In Infor ERP LN 6.1 FP6, to meet Japanese business requirements, bank payment functionality is extended. For more information, refer to Negotiated bank charges.

Financial Statements

This topic describes the differences between the Financial Statements module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

New in Infor ERP LN 6.1 FP6

- **Consolidated statements with different currencies**
In the Financial Statements (tffst1600m000) session the new **Consolidated Statement Currency Rates** tab allows you to define currency rates for a consolidated statement's reporting currency. As a result, you can create consolidated statements using the same data but with the amounts expressed in different currencies.
-

Project

This topic lists the available differences topics for Project. The topic describes the differences between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

Project module differences

The differences are listed in the following module differences topics:

- *Project Definition (p. 3-1)*
- *Project Progress (p. 3-1)*
- *Project Invoicing (p. 3-2)*

Project Definition

This topic describes the differences between the Project Definition module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

New and changed functionality

- **Project Origin**
The **Project Origin** field is added to the **Miscellaneous** tab of the Project (tpdpm6100s000) details session.

Project Progress

This topic describes the differences between Project Progress in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

New and changed functionality**■ New session**

The Calculate Interim Result Defaults (tpppc4205m000) session is added. You can use this session to calculate the percentage completed or earned revenue factor for a range of projects (instead of one-by-one).

Project Invoicing

This topic describes the differences between the Project Invoicing module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other differences topics.

New and changed functionality**■ Details button**

A **Details** button that starts the Project Selection (tppdm6800m000) session, is added to the following sessions:

- Transfer Project Data to Central Invoicing (tppin4200m000)
 - Generate Installments to be Invoiced (tppin4251m000)
 - Global Release of Cost Plus Transactions (tppin4257m000)
 - Print Installments (tppin4451m000)
 - Update Planned Inv. Dates with Activity/Milestone Finish Dates (tppin4252m000)
-

Enterprise Planning

This topic lists the differences topics for Enterprise Planning between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

New and changed functionality

The following differences topics include the new or changed functionality in Infor ERP LN 6.1 FP6:

- *Order lead time for confirming planned distribution orders (p. 4-1)*
- *Automatic order grouping (p. 4-2)*
- Multi-level cost price calculation for a subcontracted end item
- *Improved Component CTP offset (p. 4-2)*
- *Item description on Order Pegging report and pegging browser (p. 4-3)*
- *Show item order plan organized in plan periods (p. 4-3)*
- *Correct display of outdated SFC orders in Resource Order Plan (p. 4-3)*
- *Small topics in Enterprise Planning (p. 4-4)*

Order lead time for confirming planned distribution orders

In Infor ERP LN 6.1 FP6 the Confirm Planned Orders (cprp1200m000) functionality is enhanced to enable the user to take into account the lead time for planned distribution orders.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, in the Confirm Planned Orders (cprp1200m000) session, you could select planned orders to confirm based on the planned start date, in relationship with the planned order's order lead time. However, this

worked only for planned production orders and planned purchase orders. If you used this option, planned distribution orders were not selected for confirmation.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can also select planned distribution orders based on the order lead time of the planned distribution orders. This order lead time can be defined as the time to manufacture or purchase the supplying item, or in terms of supply time of the supplying relationship.

For more information, refer to Confirm planned orders based on lead time.

Automatic order grouping

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, you can create order groups for planned production orders by specifying particular criteria, but you cannot update these order groups other than by individually adding or removing planned orders.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can define automatic order group. You can update an automatic order group to include the planned orders that currently match the order group criteria.

For more information, refer to Order grouping in Enterprise Planning.

Improved Component CTP offset

If you perform a component CTP check, ERP LN determines the date of the component requirement as part of the checking process.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, this requirement date is always derived from the lead-time offset defined on the BOM line for the component. As a consequence, you have to define the lead-time offset on every BOM line where the component was used, or else the component CTP check will produce incorrect results.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, if you clear the **Use Lead Time Offset** check box on the BOM line, ERP LN uses the order lead time defined in the Items - Production (tiipd0101m000) session as lead-time offset in component CTP checks.

For more information, refer to Component CTP.

Item description on Order Pegging report and pegging browser

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, if you print the pegging relations by using the Print Pegging Relations (cprrp0440m000) session, the report also shows the item descriptions. In the pegging browser, that you can start in the Print Pegging Relations (cprrp0440m000) session, you can also display the item descriptions. To display the item descriptions in the pegging browser, on the **View** menu, click **Show Item Description**.

For more information, refer to Pegging for planned orders.

Show item order plan organized in plan periods

In the Item Order Plan (cprrp0520m000) session, you can show the item order plan organized by period.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, you can choose periods of 1, 7, 14, or 28 days, or show all the transactions in detail.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can additionally use the scenario 's plan periods to organize the transactions in periods. The same types of periods are available in the Print Item Order Plan (cprrp0420m000) session.

Correct display of outdated SFC orders in Resource Order Plan

The Resource Order Plan (cprrp0530m000) session displays the capacity use for planned orders.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, in some cases the planned production orders that started before the scenario start date are not correctly included in the resource order plan.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, if you select a period length other than **Detail**, the capacity use of production orders that start before the start of the scenario and end after the start of the scenario is added to the first period of the resource order plan.

The available capacity in the past is always displayed as 0. If some production orders started before the scenario start date, the free capacity in the period in which the capacity is required can be displayed as negative. In that case, the cumulative free capacity can be displayed as negative in the period that includes the current date.

Small topics in Enterprise Planning

New in Infor ERP LN 6.1 FP6

- **Ignore Top-down and Bottom-up options in Generate Order Planning session**
In Infor ERP LN 6.1 FP6, in the Generate Order Planning (cprrp1210m000) session, the following options are made unavailable if you specify a maximum item selection under **Selection Range**:
 - **Use Bottom-Up Item Selection**
 - **Use Top-Down Item Selection**In this situation, selecting these check boxes would only slow down the generation process without changing the end result.
 - **Resource master plan chart options**
In Infor ERP LN 6.1 FP6, several options are added to the Resource Master Plan Chart (cprmp3701m000) session to enable the user to fine tune the chart by including or excluding various types of capacity use.
 - **Usability improvements for the Item Order Plan session**
In Infor ERP LN 6.1 FP6, the Item Order Plan (cprrp0520m000) session's **Specific** menu has been enhanced with additional commands to start other planned-order related sessions.
-

Order Management

This topic lists the differences topics for Order Management between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

New and changed functionality

The following differences topics include the new or changed functionality in Infor ERP LN 6.1 FP6:

- *Additional information fields in Order Management (p. 5-2)*
- *Automatic sales schedule processing (p. 5-2)*
- *Central storage of prices and discounts (p. 5-3)*
- *Flexible history logging (p. 5-4)*
- *Inventory shortage handling (p. 5-5)*
- *Pick-up sheets (p. 5-6)*
- *Price simulator and calculator (p. 5-6)*
- *Relation management enhancements (p. 5-7)*
- *Reuse of product configurations (p. 5-9)*
- *Sales additional costs (p. 5-9)*
- *Sales releases (p. 5-10)*
- *Sales schedule adjustment and approval (p. 5-11)*
- *Sales schedule consumptions (p. 5-12)*
- *Sales schedule planned warehouse orders (p. 5-13)*
- *Sales schedules and sales contracts (p. 5-13)*
- *Sell multiples of an assembly product variant (p. 5-14)*
- *Schedule history logging (p. 5-15)*
- *Synchronize sales schedule cumulatives (p. 5-16)*

Order Management module differences

The remaining differences are listed in the following module differences topics:

- *Purchase Control (PUR) (p. 5-17)*

- *Relation Management (SMI) (p. 5-18)*
- *Sales Control (PUR) (p. 5-19)*

Additional information fields in Order Management

Infor ERP LN 6.1 FP5

The concept of additional information fields does not exist in Infor ERP LN 6.1 FP5.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can define additional information fields for sales schedules and related entities. The additional information fields provide the possibility to link additional, user defined fields to ERP LN tables. The contents of additional fields can be transferred between ERP LN tables. Additional information fields are meaningless to ERP LN as no functional logic is linked to the contents of the additional information fields.

The additional information fields are added to the following sessions:

- Sales Release Lines (tdsls3508m000)
- Sales Release Line Details (tdsls3515m000)
- Sales Release Lines - Sequence Shipping Schedule (tdsls3116m000)
- Sales Release Line Details - Pick-up Sheet (tdsls3116m100)
- Sales Schedules (tdsls3111m000)
- Sales Schedule Lines (tdsls3107m000)
- Sales Schedule Planned Warehouse Orders (tdsls3520m000)
- Sales Schedule History (tdsls3560m000)
- Sales Schedule Line History (tdsls3561m000)

Automatic sales schedule processing

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the following are automatically executed for sales schedules:

- Sales releases are automatically converted to sales schedules.
 - Referenced schedules are automatically approved if the **Approve Referenced Sales Schedules automatically** check box is selected in the Items - Sales Business Partner (tdisa0510m000) session.
-

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the automatic processing of sales schedules is changed and extended.

For more information, refer to Automatic sales schedule processing.

Central storage of prices and discounts

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, dependent on the applicable object, price and discount information is stored on several places in Order Management. Furthermore, for purchase and sales schedules, most of the price and discount information is stored in the history tables.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, a start is made with centralizing the storage of prices and discounts for multiple objects. In Infor ERP LN 6.1 FP6, this new functionality is applicable for purchase schedules and sales schedules.

New sessions

The following sessions are new:

- Price and Discounts (tdpcg1600m000)
- Discounts (tdpcg1101m000), which is a satellite of the Price and Discounts (tdpcg1600m000) session.

New fields

The following fields, which are derived from the earlier mentioned new sessions, are new in the Purchase Schedule - Lines (tdpur3111m000) and Sales Schedule Lines (tdsls3107m000) sessions:

- **Total Discount Amount**
- **Total Discount %**

New commands

The following commands are new in the Purchase Schedule - Lines (tdpur3111m000) and Sales Schedule Lines (tdsls3107m000) sessions:

- **Price and Discounts**
Use this command to view, and for sales schedules also to maintain, the prices and discounts for the schedule line in the Price and Discounts (tdpcg1600m000) session.
-

- **Price Inquiry**

Use this command to view how the schedule line net amount is calculated in the Price Inquiry (tdpcg0250m000) session.

Flexible history logging

New in Infor ERP LN 6.1 FP6

To reduce history data growth and to improve performance, in Infor ERP LN 6.1 FP6, several parameters are introduced or changed to flexibly configure the history logging. With these parameters you can determine if, when, and how history is logged.

Purchase orders

Field	Session
Log Order History	Purchase Order Parameters (tdpur0100m400)
Start Logging History at	Purchase Order Parameters (tdpur0100m400)
Level of Intake Logging	Purchase Order Parameters (tdpur0100m400)
Log Actual Order Receipt History	Purchase Order Parameters (tdpur0100m400)

Purchase schedules

Field	Session
Log Schedule History	Purchase Contract Parameters (tdpur0100m300)
Level of Intake Logging	Purchase Contract Parameters (tdpur0100m300)
Log Actual Schedule Receipt History	Purchase Contract Parameters (tdpur0100m300)

Sales orders

Field	Session
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Log Order History	Sales Order Parameters (tdsls0100s400)
Log EDI Order History	Sales Order Parameters (tdsls0100s400)
Start Logging History at	Sales Order Parameters (tdsls0100s400)
Level of Intake Logging	Sales Order Parameters (tdsls0100s400)
Log Actual Order Delivery History	Sales Order Parameters (tdsls0100s400)
Sales schedules	
Field	Session
Log Schedule History	Sales Contract Parameters (tdsls0100s300)
Level of Intake Logging	Sales Contract Parameters (tdsls0100s300)

Inventory shortage handling

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, an extended check on available inventory for sales order lines and sales order component lines can be performed.

In this case, a sales order's (component) lines receive an order promising status based on which delivery of the lines can or cannot be promised to the customer.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the extended inventory check is no longer applicable to only sales order (component) lines, but also to sales quotation lines.

As a result, the following are new in Infor ERP LN 6.1 FP6:

- The **Extended Inventory Check** check box in the Sales Quotation Parameters (tdsls0100s100) session.
- The **Quotation Promising Status** field in the Sales Quotation Lines (tdsls1501m000) session.
- The Sales Quotation Promising Lines (tdsls1501m200) session.

- The **Quotation Promising** tab in the Sales Quotation - Lines (tdsls1600m000) session.

For more information, refer to Inventory shortage handling.

Important!

This new Infor ERP LN 6.1 FP6 functionality is also backported to Infor ERP LN 6.1 FP5.

Pick-up sheets

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the sales schedule functionality is extended with pick-up sheets.

For more information, refer to Pick-up sheets.

Price simulator and calculator

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the Price Simulator (tdpcg0200m300) and Price Calculator (tdpcg0200m100) sessions are extended with new functionality.

Price Simulator (tdpcg0200m300)

The following group boxes with the following fields are added to this session:

- **Freight**
 - **Include Freight Costs**
- **Invoice Freight Costs Based On**
- **ATP**
 - **Include ATP**
- **ATP**

Price Calculator (tdpcg0200m100)

New fields

- **Freight Amount**
 - **Freight Rate Matrix**
 - **Freight Rate Book**
-

- All fields in the **ATP** column. This column is only visible if the Price Calculator (tdpcg0200m100) session is started from the Price Simulator (tdpcg0200m300) session with the **Include ATP** check box selected and the **ATP** field filled.

New commands

From the simulated pricing data, you can generate documents. Dependent from where the Price Calculator (tdpcg0200m100) session is started, you can click:

- **Generate Order** to generate a sales order or purchase order.
- **Generate Quote** to generate a sales quotation.
- **Generate RFQ** to generate a request-for-quotation (RFQ).

Relation management enhancements

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the following are new:

- **Sessions for categorization of opportunities**
Opportunity Types (tdsmi0107m000)
- Print Opportunity Types (tdsmi0407m000)
- **MMT session for opportunities**
Opportunity (tdsmi1610m000)
- **MMT session for activities**
Activity (tdsmi2600m000)

iCalendar integration from the Relation Management module to external calendar applications

If an integration with iCalendar integration is applicable, appointment requests can be sent to an external calendar application for an activity. If, for an activity, multiple representatives are required, you can define multiple representatives by activity in the new Representatives by Activity (tdsmi2130m000) session. The appointment requests are sent to the external calendars of the representatives.

In the Activity Definitions (tdsmi0554m000) session, for each activity definition, you can define whether or not to integrate with iCalendar. The activity definition's integration setting is defaulted to the Activity (tdsmi2600m000)/ Activities (tdsmi2500m000) sessions.

As a result of this new functionality, the following fields are new in Infor ERP LN 6.1 FP6:

New field	Appears in session
To iCalendar	■ Activity Definitions (tdsmi0554m000) ■ Activity Definitions (tdsmi0154s000) ■ Representatives by Activity (tdsmi2130m000) ■ Activity (tdsmi2600m000) ■ Activities (tdsmi2500m000)
All Day	■ Activity (tdsmi2600m000) ■ Activities (tdsmi2500m000)
Location	■ Activity (tdsmi2600m000) ■ Activities (tdsmi2500m000)
To Send	Representatives by Activity (tdsmi2130m000)
Sent	Representatives by Activity (tdsmi2130m000)

The Update iCalendar button is added to the Activity (tdsmi2600m000) session.

Changed in Infor ERP LN 6.1 FP6

In Relation Management, defining contacts by business partner is no longer required. You can centrally define contacts by business partner in Common Data.

Changes

- The Contacts by Business Partner (tdsmi1520m000) is only used as a zoom session in Relation Management.
- The Contacts (tccom1640m000) session is new.
- The Business Partner by Contact (tccom4546m000) session is new.
- The Contacts by Business Partner (tccom4545m000) session is extended.

Reuse of product configurations

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, a customized item can now exist on multiple sales order/quotation lines.

A specific product variant can be used multiple times on different sales order/quotation lines of the same sales order or quotation.

For more information, refer to [To reuse product variants](#).

Sales additional costs

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, additional costs are only applicable for sales orders.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, additional costs can be order based or shipment based. Shipment based additional cost are also applicable for sales schedules.

- **Order based**

Additional costs are calculated for a sales order. After sales order approval, additional costs are placed on an order as extra cost (items) after the last item recorded. This is the old Infor ERP LN 6.1 FP5 functionality. For more information, refer to [Additional costs - order based](#).

- **Shipment based**

Additional costs are calculated for a sales shipment. After confirmation of a shipment, a sales shipment cost order is generated containing all additional costs for one shipment. This is new functionality for Infor ERP LN 6.1 FP6. For more information, refer to [Additional costs - shipment based](#).

The following is applicable for both functionalities:

New session	Changed sessions	Expired sessions
Sales Addition- al Cost Set - Items (td- sls0624m000)	Sales Additional Cost Set Items (tdsls0528m000)	Cost Set - Item (td- sls0128s000)
-	Sales Cost Sets by Price List / Business Partner (td- sls0527m000)	Cost Sets by Sales Price List and Sold-to Business Partner (tdsls0127s000)
New field	Available in session	
Calculate Additional Costs For	Sold-to Business Partners (tccom4110s000)	
Additional Cost Type	Sales Additional Cost Set Items (tdsls0528m000)	
Price / Percentage	Price Books (tdpcg0131m000)	
Percentage	Price Books (tdpcg0131m000)	

Sales releases

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the following are applicable to sales releases:

- Sales releases are received by EDI and automatically converted to sales schedules.
- The sales release sessions contain little information and you cannot update them.
- The EDI logic rejects a complete release if one of the release lines, representing a schedule header, contains an error. Due to a single error in one schedule, multiple schedules are rejected and the demand is not visible until that error is corrected and the erroneous data is reprocessed. In addition, EDI error handling is inadequate because serious errors can only be detected in a very late stage in the process.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the following are applicable to sales releases:

- Sales releases can be received by EDI, but can also be manually entered, or received by a Business Object Document (BOD).
- You can automatically or manually convert sales releases to sales schedules and you can update them before conversion.
- Various new sales release sessions are developed and existing sessions are adapted.
- If EDI conversion of an item fails, the release is not rejected but must be handled in the release session. Therefore, the cumbersome EDI error handling is no longer needed for item related errors.
- You can manually create a new release type, called **Pick-up Sheet**.

New sessions

- Sales Release Lines - Pick-up Sheet (tdsls3109m000)
- Sales Release Line Details - Pick-up Sheet (tdsls3116m100)
- Sales Release Lines - Sequence Shipping Schedule (tdsls3116m000)
- Sales Release - Lines (tdsls3612m000)
- Process Sales Releases (tdsls3208m000)
- Delete Sales Releases (tdsls3209m000)
- Conversion of Delivery Points (In) (ecedi3166m000)
- Conversion of Delivery Points (Out) (ecedi4164m000)

New fields

- **Sales Contract Parameters (tdsls0100s300)**
Series for Releases
- **Delete Sales Release when Sales Schedule is Deleted**
- **Sold-to Business Partners (tccom4110s000)**
Automatically Process Sales Schedule Releases

For more information, refer to:

- Sales releases
- Pick-up sheets

Sales schedule adjustment and approval

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, for non-referenced schedules, sales schedule adjustment is a mandatory step in the sales schedule procedure.

Adjusting and approving sales schedules are combined processes in the **Adjust / Approve Sales Schedules (tdsls3211m000)** session. In this session, you can adjust sales schedules before approving them, but you cannot approve sales schedules before adjusting them.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the following are new:

- The adjustment and approval processes are unlinked.
- For non-referenced schedules, sales schedule adjustment is no longer mandatory.

The reason for these changes is that if schedule requirements are received from external packages, these packages already have performed their own adjustments. ERP LN receives adjusted schedules that need no additional schedule quantity adjustments in ERP LN.

In Infor ERP LN 6.1 FP6, you can choose to do the following:

- Adjust sales schedules in the new Adjust Sales Schedules (tdsls3210m000) session.
- Adjust and approve sales schedules in the Approve Sales Schedules (tdsls3211m000) session. Select the new **Adjust** check box.
- Approve (adjusted) sales schedules in the Approve Sales Schedules (tdsls3211m000) session. Clear the **Adjust** check box.

Note

You can still adjust sales schedules before approving them, but you can also approve sales schedules without adjusting them.

Sales schedule consumptions

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, you can register and process consumptions for sales orders.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, inventory consumptions are not only registered and processed for sales orders, but also for sales schedules.

Because of this new functionality, the **Method of Shipped CUM update** field is added to the Schedule Terms and Conditions (tctrm1131m000) session. You

can use this field to define when the shipped CUMs are updated in the Shipped CUM (tdsls3532m000) session.

For more information, refer to:

- Inventory consumption - process overview
- Sales schedule cumulatives

Sales schedule planned warehouse orders

New in Infor ERP LN 6.1 FP6

New sales schedule functionality is introduced in Infor ERP LN 6.1 FP6, called planned warehouse orders.

Planned warehouse orders, which are created during schedule approval, act as the central interface between Order Management on one hand and Warehouse Management and Central Invoicing on the other hand. Planned warehouse orders decouple schedule updates and revisions from warehouse orders, which makes the schedule update process much more flexible. Planned warehouse orders are now the basis for most schedule related processes.

For more information, refer to:

- Planned warehouse orders
- To consolidate schedule lines on planned warehouse orders
- To deliver planned warehouse orders
- To update planned warehouse orders

Sales schedules and sales contracts

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, a sales schedule can be created if item – sales business partner information is set up in the Items - Sales Business Partner (tdisa0510m000) session. It is not mandatory for a sales schedule to have a linked contract

However, a sales contract can be linked to a sales schedule line in the Sales Schedule Lines (tdsls3107m000) session to retrieve prices and discounts. At schedule line level, these prices and discounts can be manually changed. If the schedule has a linked contract, it is unlinked.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the **Use Contracts for Schedules** check box is introduced in the Sales Contract Parameters (tdsls0100s300) session.

If the **Use Contracts for Schedules** check box is selected:

- A sales schedule can only be created if it is linked to an active sales contract.
- Logistic agreements, which are needed for schedules, are retrieved from the new Sales Contract Line Logistic Data (tdsls3102m000) session and no longer from the Items - Sales Business Partner (tdisa0510m000) session. The Sales Contract Line Logistic Data (tdsls3102m000) session appears as a satellite in the Sales Contract - Lines (tdsls3600m000) session.
- Contracts are linked at sales schedule header level.
- Prices and discounts, which are always retrieved from the contract, are stored at schedule line level. You can only update prices and discounts on the contract and not on the schedule line.

In addition, the following fields are new in the Sales Contract Lines (tdsls3501m000) session:

- **Action on Exceeding Expiry Date.** This field is also new in the Sales Contract Parameters (tdsls0100s300) session.
- **Expiry Date Tolerance**
- **Action on Exceeding Maximum Quantity**
- **Maximum Quantity Tolerance**

Note

If the **Use Contracts for Schedules** check box is cleared, the old Infor ERP LN 6.1 FP5 functionality applies.

Sell multiples of an assembly product variant

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the ordered quantity for assembly items on a sales order line cannot be greater than one.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, a sales order for a standard manufactured FAS item that must be stored in inventory can have an ordered quantity greater than one. This means several assembly orders can be linked to one sales order line.

To enable this functionality, the following are new in Infor ERP LN 6.1 FP6:

- The **Sell Multiples of Same Configuration** check box in the Assembly Planning Parameters (tiapl0500m000) session.
- The **Product Variant** field on the **Specification** tab of the Sales Order Lines (tdsls4101m000) session.

For more information, refer to:

- Product variants in Order Management
- To sell multiples of product variants for assembly
- Assembly items

Schedule history logging

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, purchase schedule history and sales schedule history is always logged.

New in Infor ERP LN 6.1 FP6

To improve performance, in Infor ERP LN 6.1 FP6, you can choose not to log the schedule history.

The following parameters are new:

- **Log Schedule History** in the Purchase Contract Parameters (tdpur0100m300) session.
- **Log Schedule History** in the Sales Contract Parameters (tdsls0100s300) session.

To enable switching off the schedule history logging, a number of fields from the history tables are introduced in the actual tables.

Purchase Schedules
(tdpur3110m000)

Purchase Schedule -
Lines (td-
pur3111m000)

Sales Schedules (td-
sls3111m000)

Sales Schedule Lines
(tdsls3107m000)

■ Area	Invoice	■ Line of Business	Order Date
■ Order Discount		■ Area	
■ Invoice-from Address		■ Terms of Payment	
■ Invoice-from Contact		■ Late Payment Surcharge	
■ Terms of Delivery		■ Payment Method	
■ Point of Title Passage		■ Carrier/LSP	
■ Terms of Payment		■ Terms of Payment	
		■ Point of Title Passage	
		■ Financial Department	
		■ Order Discount	
		■ Pay-by Business Partner	
		■ Pay-by Address	

Prices and discounts fields are centralized in the new Price and Discounts (tdpcg1600m000) session.

Synchronize sales schedule cumulatives

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the following is applicable for sales schedule cumulatives:

- Shipped cumulatives are owned and calculated by you.
- Cumulative data for you and your business partner is synchronized based on an order based or receipt based cumulative model.
- To reset the cumulatives and authorizations, you use the Reset Cumulatives (tdsls3230m000) session.
- Sales schedule reconciliation is a mandatory functionality.

This functionality is still available in Infor ERP LN 6.1 FP6. For more information, refer to To synchronize CUMs based on cumulative model.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, if an external component communicates schedule requirements to ERP LN and you want the cumulatives to be synchronized and reset based on the cumulative data received from the external component, select

the **Synchronize Cums** check box in the Schedule Terms and Conditions (tctrm1131m000) session.

If this check box is selected,, the following are applicable for sales schedule cumulatives:

- Shipped cumulatives are owned by an external component and synchronized with your shipped cumulatives.
- Resetting the cumulatives and authorizations is triggered from the external component. The Reset Cumulatives (tdsls3230m000) session is no longer used.
- Sales schedule reconciliation is not applicable. The Sales Schedule Reconciliation (tdsls3131m000) session is no longer used.

Because, in Infor ERP LN 6.1 FP6, consumptions are also registered and processed for sales schedules, the **Method of Shipped CUM update** field is added to the Schedule Terms and Conditions (tctrm1131m000) session. You can use this field to define when the shipped CUMs are updated in the Shipped CUM (tdsls3532m000) session.

For more information, refer to:

- Sales schedule cumulatives
- To synchronize CUMs based on external component data

Purchase Control (PUR)

This topic describes the differences between the Purchase Control module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

Check employee logon code for approval

To restrict the approval of requisitions to specific users, the **Check Employee Logon Code for Approval** check box is added to the Purchase Requisition Parameters (tdpur0100m200) session.

Multi-main table for purchase schedule - lines

The Purchase Schedule - Lines (tdpur3610m000) session is a new session for easy purchase schedule handling. This session enables you to quickly view, enter, and maintain the most important information for a purchase schedule and to handle the schedule.

Price determination for purchase consignment payment orders

To enable a user to base the price on a consignment payment order not only on the consignment replenishment order's price data, but also on the actual data at the time of consumption, the **Price Determination Based on** field is added to the Purchase Order Parameters (tdpur0100m400) session.

Relation Management (SMI)

This topic describes the differences between the Relation Management module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

Moved sessions

A number of sessions are moved from the Relation Management module in Order Management to the Tables module in Common Data.

Removed session in Order Manage- New session in Common Data ment

Salutations (tdsmi0101m000)	Salutations (tcmcs1120m000)
Job Titles (tdsmi0104m000)	Job Titles (tcmcs1121m000)
Promotions (tdsmi0105m000)	Promotions (tcmcs1123m000)
Attention Codes (tdsmi0106m000)	Attention Codes (tcmcs1122m000)
Print Salutations (tdsmi0401m000)	Print Salutations (tcmcs1420m000)
Print Job Titles (tdsmi0404m000)	Print Job Titles (tcmcs1421m000)
Print Promotions (tdsmi0405m000)	Print Promotions (tcmcs1423m000)
Print Attentions (tdsmi0406m000)	Print Attentions (tcmcs1422m000)

Sales Control (PUR)

This topic describes the differences between the Sales Control module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

Delivery point

To specify the business partner's delivery point at which you must deliver the items, in Infor ERP LN 6.1 FP6, the new field **Delivery Point** is added to the Sales Schedule Lines (tdsls3107m000) and Sales Order Lines (tdsls4101m000) sessions.

Planned requirements

Based on the planned and firm requirements on sales schedules, available-to-promise quantities are updated. In Infor ERP LN 6.1 FP5, the **Linear Estimate** and **Accumulate Demand On Start Date Of The Period** check boxes in the Items - Sales Business Partner (tdisa0510m000) session determine how the update takes place.

In Infor ERP LN 6.1 FP6, this functionality can be (partially) taken care of by an external component or by ERP LN.

To correctly update ATP quantities, the following parameters are added to the Sales Contract Line Logistic Data (tdsls3102m000) session:

- **Nett Planned Requirements**
- **Distribute Planned Requirements**

Sales schedule actual delivery line COGS

To view the actual cost of goods sold (COGS) information for sales schedules, the Sales Schedule Invoice Line COGS (tdsls3549m000) session is introduced in Infor ERP LN 6.1 FP6.

Sales schedule invoice lines

In Infor ERP LN 6.1 FP5, invoicing of shipped items takes place based on the shipment details that are specified in the Sales Schedule Actual Delivery Lines (tdsls3140m000) or Sales Schedule Actual Delivery Lines (tdsls3140m100) sessions. You can also use these sessions to make shipment corrections. You can start the Release Sales Orders/Schedules to Invoicing (tdsls4247m000) session from these sessions.

In Infor ERP LN 6.1 FP6, you can invoice and correct delivered quantities in the new Sales Schedule Invoice Lines (tdsls3140m200) session. Sales schedule invoice lines are only available if deliveries are executed for a sales schedule line, which you can view in the renamed Sales Schedule Actual Delivery Lines (tdsls3140m000) or Sales Schedule Actual Delivery Lines (tdsls3140m100) sessions.

Central Invoicing

This topic lists the available differences topics for Central Invoicing. The topic describes the differences between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

Central Invoicing module differences

The differences made in the module are described in the following topic:

- *Sales Invoicing (p. 6-1)*

Sales Invoicing

New in Infor ERP LN 6.1 FP6: One major change was made in the Sales Invoicing module.

New and changed functionality

- **Self-billed invoicing**

In Infor ERP LN 6.1 FP5 matching of self-billed invoices with corresponding sales and warehouse order data could be done manually only.

In Infor ERP LN 6.1 FP6 self-billed invoices can be automatically matched based on:

- Fixed criteria such as invoice-to business partner, item, quantity, order unit, etc.
- A match code that can be assigned to the invoice-to business partner.

For more information, refer to Self-billed invoice matching

Manufacturing

This topic lists the differences topics for Manufacturing between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

New and changed functionality

The following differences topics include the new or changed functionality in Infor ERP LN 6.1 FP6:

- *Parallel operations in standard and generic routings (p. 7-2)*
- *Error report for Generate Work Center Input/Output Control (tisfc3210m000) session (p. 7-2)*
- *New reports in Assembly Planning (p. 7-3)*
- *Assembly items (p. 7-3)*
- *To sell multiples of product variants for assembly (p. 7-4)*
- *Engineering BOM for assembly production (p. 7-4)*
- *Material shortage checking (p. 7-5)*
- *Reason codes for rejected items in production (p. 7-5)*
- *Allow reuse of same configuration in sales order lines (p. 7-5)*
- *Copy exceptions from E-BOM to PBOM (p. 7-6)*
- *Enable module requirements for clusters (p. 7-6)*
- *Graphical planning board for network planning in PCS (p. 7-7)*
- *Improved Import/Export PCS Activities from/to MS Project via XML (p. 7-7)*
- *Print Where Used Product Feature and Option (p. 7-7)*
- *Reference order and position available during product configuration (p. 7-8)*
- *Operations in line station variant without a link to an assembly part (p. 7-8)*
- *Extended settings for item data generation for generic items (p. 7-8)*
- *Better WIP visibility (SFC) (p. 7-9)*
- *Shared work centers (p. 7-9)*
- *Sequencing engine rebuilt*
- *Small topics in Manufacturing (p. 7-10)*

Parallel operations in standard and generic routings

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5 you could not define parallel operations in a routing. You could create parallel operations in a production order in two ways:

- By adding a phantom item with a routing to the BOM of the main item.
- By using the **Next Operation** field in the Operation Relationships by Order (tisfc1102m000) session.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can you can define parallel operations directly in a routing and also in a generic routing.

For more information, refer to Network routings.

Error report for Generate Work Center Input/Output Control (tisfc3210m000) session

The Generate Work Center Input/Output Control (tisfc3210m000) session is often run in batch mode.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, if you run the Generate Work Center Input/Output Control (tisfc3210m000) session and an error occurred during processing, the session would terminate.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, if you run the Generate Work Center Input/Output Control (tisfc3210m000) session and an error occurred during processing, ERP LN generates an error report and continues processing the remaining work centers.

New reports in Assembly Planning

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, following reports have been added:

- Print Assembly Planning Parameters (tiapl0400m000)
- Print Bus Components by Company (tiapl0401m000)
- Print Operations (tiapl1400m000)
- Print Assembly Product Structure (tiapl2400m000)
- Print Where Used Assembly Parts (tiapl2421m000)
- Print Product Variants (tiapl3400m000)
- Print Segment Schedules (tiapl4400m000)

Multi-level cost price calculation for a subcontracted end item

To print a cost price calculation for a product structure, you can use the Print Multilevel Cost Price Calculation (ticpr2420m000) session.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, if you use this session to print the cost price calculation of a subcontracted end item, ERP LN assumes that the cost price for the components you supply to the subcontractor had already been calculated. In other words, you can only do a single-level cost-price calculation.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the Print Multilevel Cost Price Calculation (ticpr2420m000) session performs a full multilevel cost price calculation for subcontracted end items.

Assembly items

A FAS item is an item with order system **FAS**. You can define an item's order system in the Items - Ordering (tcibd2500m000) session.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the default supply source concept was introduced. You can define an item's default supply source in the **Default Supply Source** field

in the Items - General (tcibd0501m000) details session. The **Default Supply Source** field is a new field in Infor ERP LN 6.1 FP6.

If the default supply source is **Assembly**, ERP LN automatically sets the order system to **FAS**.

The term assembly item indicates an item with default supply source **Assembly**. For more information, refer to Assembly items.

To sell multiples of product variants for assembly

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, if you sell an assembly item, the quantity on the sales order line must be one.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can enter sales order lines for assembly items with a quantity greater than one.

For more information, refer to To sell multiples of product variants for assembly.

Engineering BOM for assembly production

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, an engineering BOM (EBOM) could be copied to a production BOM for production orders, but you could not create an EBOM for assembly orders.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can create an EBOM for assembly items.

For more information, refer to Engineering BOM for assembly production.

Material shortage checking

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can perform a multilevel material shortage check. That is, if a material for a production order is supplied by another production order, this check also checks the material availability for that other production order.

An improved shortage report was introduced. To generate this shortage report, use the Print Material Shortages by Production Order (tisfc0419m000) session.

For more information, refer to Multilevel material shortage check.

Reason codes for rejected items in production

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the Print Rejects (tisfc0403m000) session prints the rejects reported for operations in the Report Operations Completed (tisfc0130m000) session, but not the rejects for production orders without operations, that you reported rejected in the Report Orders Completed (tisfc0520m000) session.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the report printed by the Print Rejects (tisfc0403m000) session was enhanced. Rejects for production orders without operations are printed as well.

In Infor ERP LN 6.1 FP6, you can enter a reason for items that were reported rejected when you report quantities rejected for an operation or production order. By setting a parameter, you can make it mandatory to specify a reason. However, if the rejected quantity equals the quantity planned to be rejected based on normal scrap and yield, you do not need to specify a reason.

For more information, refer to Rejects of production orders.

Allow reuse of same configuration in sales order lines

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, if you inserted the same generic item with the same product configuration on multiple lines of a sales order, ERP LN would create different customized items for each sales order line.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can set up ERP LN to reuse the customized item and product variant on multiple sales order lines in a sales order, if the product configurations (options) are identical.

Note

In Baan IV, a customized item could also exist on multiple sales order lines. That functionality was unavailable in ERP LN, but has now been made available again.

For more information, refer to Multiple sales order lines with identical product configurations.

Copy exceptions from E-BOM to PBOM

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, if you copy an E-BOM to a PBOM by using the Finalize Engineering Data (tiedm3240m000) session, ERP LN proceeds as follows. If the **Unit Effective Supply** check box in the Items - General (tcibd0501m000) session is selected for the end item, ERP LN does not copy the effectivity statements.

For more information, refer to Unit effectivity in EDM.

Enable module requirements for clusters

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, Enterprise Planning takes the material requirements for modules into account in the empty cluster. The empty cluster is characterized by the empty cluster segments of the item codes.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can specify a module's cluster in the Module Planning (tipcs4120m000) session. Enterprise Planning matches the cluster of the plan item with the value of that field.

Graphical planning board for network planning in PCS

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the only way to visualize network planning was by exporting the activities to an XML file and display the plan in an external application like Microsoft Project.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can view the network planning in a graphical planning board by using the Select Data for Planning Board (tipcs4175m000) session. This planning board is available only in the WebTop user interface.

Improved Import/Export PCS Activities from/to MS Project via XML

In order to view and modify PCS activities in an external application such as Microsoft Project, you can export and import the network planning to and from an XML file. You can export or import this data by using the Export / Import PCS Activities via XML (tipcs4172m000) session, which is started from the Activities (tipcs4101m000) and Activity Relationships (tipcs4110m000) session.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, you could select a range of projects and make a selection of activities to export.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you must select one project to export and ERP LN process *all* the activities of this project. However, you can include the subprojects of a project. This functionality was changed to prevent an incomplete export, which leads to incorrect results in Microsoft Project.

Print Where Used Product Feature and Option

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can obtain a list of constraint in which a particular feature or option has been used by using the Print Where-used Product Feature and Option (tipcf0450m100) session. This is particularly useful when a feature or option has been modified.

Reference order and position available during product configuration

If a generic item is entered on a sales order line, you must configure the generic item to create a product variant. The configuration process uses a product model defined in the Product Configuration module.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the information on the sales order line was not available to the constraint defined in the product model.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the information on the sales order line is available in the product model. The reference order number (sales order number) and position are known to the system when the product variant is created.

Operations in line station variant without a link to an assembly part

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, if you entered an operation in the Assembly BOM and Operations (tiapl2520m000) session, you had to specify an assembly part, operation data, and location data, or the operation would be ignored.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, you can also specify an operation and location data which are not linked to an assembly part in the Assembly BOM and Operations (tiapl2520m000) session. In other words, you can leave the **Assembly Part** field empty.

Extended settings for item data generation for generic items

In the Generic Item - Settings for Data Generation (tipcf3101m000) session, you can specify how ERP LN generates new customized items when you configure a product variant in the Product Configuration module.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, settings for several additional item fields can be defined. These fields are:

- **Item Group**
- **Weight**
- **Product Type**
- **Product Class**
- **Product Line**
- **Selection Code**
- **Item Signal**
- **Sales Statistics Group**

Net change option on actual cost price calculation for projects

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, an option was added to the Calculate Cost Prices by Project (tipcs3250m000) session that enables you to restrict an actual cost prices calculation to only those projects for which financial transactions have been recorded after the previous actual cost price calculation. The actual cost prices for other projects are still unchanged.

If you perform this calculation frequently, this option greatly improves the performance for the calculation.

Better WIP visibility (SFC)

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, enhanced reports for the work in process (WIP) have been introduced. A set of new sessions offer the functionality to view the WIP at various levels of detail.

For more information, refer to Analyze work in process (WIP).

Shared work centers

A shared work center is shared by multiple companies.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, the work center utilization reports only printed the utilization originating from one company.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the Work Center Utilization by Week (tisfc1501m000) session was enhanced with a **Print Shared Work Center Utilization by Week** command. This command starts the Print Shared Work Center Utilization by Week (tisfc1405m000) session, which reports the utilization for *all* companies.

Similarly, the Work Center Utilization by Day (tisfc1506m000) was enhanced with a **Print Shared Work Center Utilization by Day** command. This command starts the Print Shared Work Center Utilization by Day (tisfc1406m000) session, which reports the utilization for *all* companies.

Small topics in Manufacturing

New in Infor ERP LN 6.1 FP6

- **Ability to define defaults for Subcontracting Purchase Order Type and Series**
In Infor ERP LN 6.1 FP6, new fields were added to the Purchase Order Parameters (tdpur0100m400) session to define default values for the **Purchase Order Series** and **Purchase Order Type** fields in the Generate Subcontracting Purchase Orders (tisfc2250m000) session.
 - **Cost price calculation for projects using multiple bshells**
In Infor ERP LN 6.1 FP6, you can use multiple bshells to calculate cost prices for projects and their customized items in the Calculate Cost Prices by Project (tipcs3250m000) session. Doing so enables ERP LN to utilize more processors.
 - **Project status filters on project dashboard**
In Infor ERP LN 6.1 FP6, in the Project Dashboard (tipcs0320m000) session, you can filter projects based on the project status.
 - **Additional Item BDE attributes for Infor PLM integration**
In Infor ERP LN 6.1 FP6, for the integration of ERP LN with Infor PLM, the following fields were added to the Item BDE:
 - Items - General (tcibd0501m000) session, **Lot Controlled** field
 - Items - General (tcibd0501m000) session, **Serialized** field
 - Items - Production (tiipd0101m000) session, **Phantom** field
 - Items - Ordering (tcibd2500m000) session, **Warehouse** field
-

- **Where-used on Task Relationship**

In Infor ERP LN 6.1 FP6, a **Where-Used** command was added to the Task Relationships (tirou0104m000) session. This command starts the Routing Operations (tirou1102m000) session which lists the items where a particular task is used.

- **Copy to Customized option in BOM for to-order items and standard items**

In Infor ERP LN 6.1 FP5, the **Copy Standard Product Structure to Customized Structure** command in the Bill of Material (tibom1110m000) session is only available for a BOM line for which its parent is a customized item and the item on the BOM line is a non-customized item with order policy**To Order**. If the parent item is a customized item, and the BOM line contains a standard item, this option is not available.

In Infor ERP LN 6.1 FP6, in situations where the parent item on the BOM is a customized item, the **Copy Standard Product Structure to Customized Structure** command is available for BOM lines containing both to-order items and standard items.

Warehouse Management

This topic lists the available differences topics for Warehouse Management. The differences topics describe the differences between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

New and changed functionality

The following differences topics are available:

- *Lot and Serial Tracking for Direct Delivery Orders (p. 8-2)*
- *Dock Planning (p. 8-3)*
- *Shipment Building (p. 8-4)*
- *Labels at package definition level (p. 8-6)*
- *Shipping Material Accounts (p. 8-6)*
- *Global Update of Handling Units (p. 8-8)*
- *ASN Numbers Length (p. 8-11)*
- *Shipping Constraints (p. 8-12)*
- *Additional Cost Lines on Warehouse Shipments (p. 8-12)*
- *Reference for Information Purpose (p. 8-13)*
- *Additional Information Fields (p. 8-14)*
- *Fulfillment Plans - Integration of Inventory Control Manager (ICM) with ERP LN (p. 8-14)*
- *Product variants in Warehouse Management (p. 8-15)*

Warehouse Management modules differences

The remaining differences are listed in the following module differences topics:

- *Warehouse Orders (p. 8-18)*
 - *Warehouse Master Data (p. 8-19)*
 - *Inventory Analysis (p. 8-17)*
-

Handling Unit Version History

In Infor ERP LN 6.1 FP6 the Delete/Archive Handling Unit Version History (whwmd5231m000) session is introduced to enable the user to archive the handling unit version history.

Handling Unit Version History in FP5

The Close and Remove Handling Units (whwmd5230m100) session offers the functionality to remove the handling unit version history but no option is available to archive the handling unit version history.

Handling Unit Version History in FP6

The Delete/Archive Handling Unit Version History (whwmd5231m000) session is introduced to enable the user to archive the handling unit version history.

Features of Handling Unit Version History in FP6

The Delete/Archive Handling Unit Version History (whwmd5231m000) session presents you with the following options to delete or archive the handling unit version history :

- **Delete**
- **Archive**
- **Both**

Lot and Serial Tracking for Direct Delivery Orders

In Infor ERP LN 6.1 FP6 the **Direct Delivery** check box is introduced.

Lot and Serial Tracking for Direct Delivery Orders FP5

For direct delivery orders, the buy-from business partner delivers the goods directly to the sold-to business partner. The goods are not delivered from warehouse, so Warehouse Management is not involved in the receipt and issue of goods. As a result, no lot and serial tracking is created for direct delivery orders.

Lot and Serial Tracking for Direct Delivery Orders in FP6

In Infor ERP LN 6.1 FP6 the **Direct Delivery** check box is introduced. ERP LN selects the check box to indicate that the buy-from business partner delivers the

goods directly to the sold-to business partner. The goods are not received / issued from a warehouse.

The **Direct Delivery** check box is introduced in the following sessions:

- Item - Lots - Issues (whltc3500m000)
- Item - Lots - Receipts (whltc3501m000)
- Order - Lots (whltc3502m000)
- Item - Serials - Issues (whltc5510m000)
- Order - Serials (whltc5512m000)
- Serial Tracking - Overview (whltc5515m000)

Count all Stock Points for Item

In Infor ERP LN 6.1 FP6 the **Count all Stock Points for Item** field is added.

Count all Stock Points for Item in FP5

In Infor ERP LN 6.1 FP5, the **Count all Stock Points for Item** field is not present.

Count all Stock Points for Item FP6

In Infor ERP LN 6.1 FP6 the **Count all Stock Points for Item** field is introduced in Inventory Handling Parameters (whinh0100m000) session. If this check box is selected, ERP LN counts all stock points for an item when you execute the Generate Cycle Counting Orders (whinh5200m000) session.

Dock Planning

In Infor ERP LN 6.1 FP6 the Warehouse - Dock Locations (whwmd2120m000) session is enhanced to allow the ERP LN to automatically select and propose a specific loading dock when goods are picked from the warehouse locations. The dock selection process is based on a range of possible selection criteria from both the Warehouse Management and Freight Management packages.

Dock Planning in FP5

In Infor ERP LN 6.1 FP5 the only criteria for dock selection are Dock Type, Dock Location, Storage Zone, Item and Business Partner.

Dock Planning in in FP6

In Infor ERP LN 6.1 FP6 the following fields are added as additional criteria for dock selection.

Warehouse Management criteria for dock selection

- **Carrier/LSP**
- **Route**
- **Terms of Delivery**
- **Package Definition**
- **Rush Order**
- **Ship-to Code** (for outbound dock locations)
- **Ship-from Code** (for inbound dock locations)

Freight Management criteria for dock selection

- **Standard Route**
- **Route Plan**
- **Transport Means Group**
- **Transport type**

For more information, refer to Dock Locations - Search Criteria

Shipment Building

In Infor ERP LN 6.1 FP6 the shipment building functionality is enhanced in the Warehouses (whwmd2500m000) session (Shipments tab) to allow the user to influence the way picked outbound advices are combined into the same shipment. In this way it is possible to better manage / minimize the number of shipments generated by the system to the same customer.

Shipment Building in FP5

In Infor ERP LN 6.1 FP5 the Ship-to Addresses on the shipments must match for additional shipment lines to be added to the initial shipment.

Shipment Building in FP6

In Infor ERP LN 6.1 FP6 the shipment building engine combines multiple shipments into the same load in case the Ship-from Address, the Carrier and the Route on these shipments are identical. This implies that no new loads are created in case the Ship-to address of the (additional) shipment differs.

A new shipment building option **Within Time Interval** is added. The **Within Time Interval** option allows the user to add shipment lines to an existing shipment

order within the time interval range. The time interval range is calculated based on the minimum and maximum time interval specified by the user.

Current field	Shipment Date From	Shipment Date/Time To
Within Time Interval	Shipment Date From = Shipment Creation Date - Minimum Shipment Interval (in hours or calendar days)	Shipment Date To = Shipment Creation Date + Maximum Shipment Interval (in hours or calendar days)

The following are the new fields added:

- Minimum Time interval
- Maximum Time interval
- **Add Orders Based On**
- **Single Picking Mission per Shipment**

Combine orders within order interval

In Infor ERP LN 6.1 FP6 an option is provided to combine warehouse orders which fall within the same order interval.

Combine orders within order interval in FP5

In Infor ERP LN 6.1 FP5 there is no option to combine warehouse orders with the same delivery date.

Combine orders within order interval in FP6

In Infor ERP LN 6.1 FP6 a new check box **Combine within Order Interval** is added in the Generate Orders (TPOP) (whinh2201m000) session. If this check box is selected, ERP LN combines all the warehouse orders that fall within the same order interval, into a single order. The ERP LN combines the orders that have the same item and order header information.

For details, refer to the online Help of Generate Orders (TPOP) (whinh2201m000) session.

Labels at package definition level

In Infor ERP LN 6.1 FP6 the functionality to print labels is enhanced to support printing of labels for single-item handling unit and multi-item handling unit.

Labels at package definition level in FP5

Infor ERP LN 6.1 FP5 currently only offers the possibility to model label layouts at the level of warehouse and warehouse order activities.

Labels at package definition level in FP6

In Infor ERP LN 6.1 FP6 the label printing functionality is enhanced to support printing of labels for single-item handling unit and multi-item handling unit. You can link a label layout code to every level of a handling unit template and a handling unit.

As part of this functionality the following fields are added:

- The field **Automatic Labeling of Multi-Item Handling Unit** is added to the Warehouses (whwmd2500m000) session.
- The field **Label Layout** is added to the following sessions:
 - Handling Units (whwmd5130m000)
 - Handling Unit Templates (whwmd4160m000)
 - Label Layout by Activities (whwmd5121m000)
- The field **Multi-Item Label Layout** is added to the following sessions:
 - Handling Units (whwmd5130m000)
 - Handling Unit Templates (whwmd4160m000)
- A new session Label Layout by Activities (whwmd5121m000) is added to ERP LN as part of this functionality.

A new online manual topic is added. Examples of Changing Handling Units (Single Item<=> Multi-Item)

Shipping Material Accounts

In Infor ERP LN 6.1 FP6 the Packaging Items (whwmd4505m000) functionality to record the received and issued quantities of packaging items is enhanced. A new functional concept *Shipping Material Account* is added and transactions for packaging items are logged at a detailed level. The shipping material account is used to group packaging items for the purpose of reporting to business partners.

Packaging Items functionality in FP5

Infor ERP LN 6.1 FP5 offers some basic functionality which allows the end user to manually enter inventory balances (in/out) of packaging materials in the Packaging Items by Business Partner (whwmd4107m000) session.

Packaging Items functionality in FP6

In Infor ERP LN 6.1 FP6 a new functional concept *Shipping Material Account* is introduced. You can use the Shipping Material Account functionality to record all transactions of packaging items for which the **Accountable** check box is selected in the Packaging Items (whwmd4505m000) session.

To enable ERP LN to record the received and issued quantities of packaging items you must select the **Extended Packaging Item Registration** check box in the Master Data Parameters (whwmd0100s000) session.

To implement the detailed logging of packaging items functionality, changes are made to the following sessions:

- The **Extended Packaging Item Registration** check box is added in the Master Data Parameters (whwmd0100s000) session.
- The **Accountable** check box is added in the Packaging Items (whwmd4505m000) session.
- The shipping material account number groups are added in the following sessions:
 - User Profiles (whwmd1140s000)
 - Master Data Parameters (whwmd0100s000)
- The **Update Shipping Material Account during** field is added in the Warehouses (whwmd2500m000) session

The following new sessions are added :

- Packaging Item Transactions (whinr1115m000)
 - Shipping Material Accounts (whwmd4170m000)
 - Shipping Material Accounting Scheme (whwmd4171m000)
 - Packaging Item Balances by Shipping Material Account (whwmd4175m000)
 - Shipping Material Account (whwmd4670m000)
 - Print Shipping Material Accounts (whwmd4470m000)
 - Print Packaging Item Transactions (whinr1415m000)
 - Archive/Delete Packaging Item Transactions (whinr1215m000)
-

Demand Forecast in WM for a Range of Future Periods

In Infor ERP LN 6.1 FP6 the functionality to create demand forecast is enhanced to include a range of future periods.

Demand Forecast in FP5

In Infor ERP LN 6.1 FP5 the Calculate Demand Forecast (whina2202m000) session currently calculates the forecast only for the first future period.

Demand Forecast in FP6

In Infor ERP LN 6.1 FP6 the Calculate Demand Forecast (whina2202m000) session allows you to calculate the demand forecast by item for a range of future periods.

Global Update of Handling Units

In Infor ERP LN 6.1 FP6 the functionality to replace the packaging material in a handling unit is enhanced. Now you can easily replace the packaging materials in the generated handling units without the need to create new handling unit manually .

Global Update of Handling Units in FP5

Infor ERP LN 6.1 FP5 does not provide options to easily replace packaging materials in a handling unit. It is a manual and time consuming process.

Global Update of Handling Units in FP6

Infor ERP LN 6.1 FP6 allows you to easily replace the packaging materials in the generated handling units. The following business requirements are supported :

- Selection of an alternative package definition
- Replacing Specific Packaging Materials

Shipment Building Based on Shipment Reference

In Infor ERP LN 6.1 FP6 new field **Shipment Reference** is added as additional shipment building criteria.

Shipment Preparation for Referenced Attributes in FP5

In Infor ERP LN 6.1 FP5 the *Shipment Reference* is not available as shipment building criteria .

Shipment Preparation for Referenced Attributes in FP6

Infor ERP LN 6.1 FP6 allows shipment building based on additional criteria like *Shipment Reference*.

The following fields are added in the Warehousing Order Types (whinh0110m000) session:

- **Single Shipment Reference per Shipment**
- **Unique Shipment Reference per Shipment**

The **Shipment Reference** field is added in the following sessions :

- Outbound Order Lines (whinh2120m000)
- Outbound Line Status Overview (whinh2129m000)
- Outbound Order Line History (whinh2570m000)
- Shipments (whinh4130m000)
- Shipment (whinh4630m000)
- Shipment Lines (whinh4131m000)
- Shipment History (whinh4550m000)
- Shipment History - Lines (whinh4551m000)

The **Single Shipment Reference per Shipment** field is added in the following sessions :

- Warehousing Order Types (whinh0110m000)
- Shipments (whinh4130m000)
- Shipment (whinh4630m000)
- Shipment History (whinh4550m000)

Shipment Building Based on Delivery points

In Infor ERP LN 6.1 FP6 new field **Single Delivery Point per Shipment** is added as additional shipment building criteria.

Shipment Building Based on Delivery pointss in FP5

In Infor ERP LN 6.1 FP5 the **Single Delivery Point per Shipment** field is not available as shipment building criteria .

Shipment Building Based on Delivery points in FP6

Infor ERP LN 6.1 FP6 allows shipment building based on additional criteria like **Single Delivery Point per Shipment**.

The following fields are added in the COM Parameters (tccom0000s000) session :

- **Delivery Points**
- **Series for Delivery Points**
- **Number Group for Delivery Points**

A new session Delivery Points (tccom4134m000) is created.

The **Single Delivery Point per Shipment** field is added in the following sessions :

- Warehousing Order Types (whinh0110m000)
- Shipments (whinh4130m000)
- Shipment (whinh4630m000)
- Shipment History (whinh4550m000)

The field **Delivery Point** is added to the following sessions:

- Outbound Order Lines (whinh2120m000)
- Outbound Line Status Overview (whinh2129m000)
- Outbound Order Line History (whinh2570m000)
- Shipments (whinh4130m000)
- Shipment (whinh4630m000)
- Shipment Lines (whinh4131m000)
- Shipment History (whinh4550m000)
- Shipment History - Lines (whinh4551m000)

Load Building Based on Single Ship-to per Load

In Infor ERP LN 6.1 FP6 new field **Single Ship-to Code per Load** is added as additional shipment building criteria.

Shipment Building Based on Single Ship-to per Load in FP5

Currently Infor ERP LN 6.1 FP5 the field **Single Ship-to Code per Load** is not present.

Shipment Building Based on Single Ship-to per Load in FP6

Infor ERP LN 6.1 FP6 allows load building based on additional criteria like **Single Ship-to Code per Load**.

The **Single Ship-to Code per Load** field is added in the following sessions :

- Warehousing Order Types (whinh0110m000)
- Shipments (whinh4130m000)
- Shipment (whinh4630m000)
- Shipment History (whinh4550m000)

The field **Address** is added to the following sessions:

- Outbound Order Lines (whinh2120m000)
- Outbound Order Line History (whinh2570m000)
- Shipment Lines (whinh4131m000)
- Shipment History - Lines (whinh4551m000)

The following fields are added to the Shipments (whinh4130m000) session:

- **Ship-To**
- **Ship-To Code**

The following fields are added to the Loads (whinh4140m000) session:

- **Ship-to Type**
- **Ship-to Code**

ASN Numbers Length

In Infor ERP LN 6.1 FP6 the ASN number length is modified to conform to the VDA standards.

Eight digit ASN numbers in FP5

In Infor ERP LN 6.1 FP5 the current length of the shipment number (which equals the ASN number) is 9 digits.

Eight digit ASN numbers in FP6

Infor ERP LN 6.1 FP6 follows the VDA standards that allow only numeric ASN number with a length restriction of 8 digits.

Fields added to Inventory Handling Parameters (whinh0100m000) session

- **Load Length**
- **Shipment Length**

Shipping Constraints

In Infor ERP LN 6.1 FP6 the shipping constraints can be applied to warehouse orders of origin sales and sales schedule.

Shipping Constraints in FP5

In Infor ERP LN 6.1 FP5 shipping constraints can be applied to warehouse orders of sales origin only. In FP5, shipping constraints are not recorded at warehouse order level. During confirmation of shipments, a check is carried out with Order Management to verify if shipping constraints apply.

Shipping Constraints in FP6

Infor ERP LN 6.1 FP6 records the shipping constraints on the warehouse order header and the outbound order lines. For warehouse orders of the origin sales orders or sales schedule, the shipping constraint is retrieved from Order Management.

The **Shipping Constraint** and **Ignore Shipping Constraint** fields are added to the following sessions:

- Warehousing Orders (whinh2100m000)
- Warehousing Orders History (whinh2550m000)
- Outbound Order Lines (whinh2120m000)
- Outbound Order Line History (whinh2570m000)

Additional Cost Lines on Warehouse Shipments

Infor ERP LN 6.1 FP6 allows you to add additional costs to shipments. You can add the additional costs to the shipment as :

- Cost Items
- Service Items

Additional Cost Lines on Warehouse Shipments in FP5

In Infor ERP LN 6.1 FP5 you cannot add additional costs to shipments.

Additional Cost Lines on Warehouse Shipments in FP6

In Infor ERP LN 6.1 FP6 the shipment based and the item dependent additional costs are added to the shipment in Warehouse Management as separate shipment lines in the Shipment Lines (whinh4131m000) session. For more information, refer to Additional Costs in Warehouse Management.

The following fields are added in the Inventory Handling Parameters (whinh0100m000) session:

- **Calculate Additional Costs for Shipments**
- **Cost/Service Item on Shipping Manifest**

The following fields are added in the Shipments (whinh4130m000) session:

- **Additional Costs**
- **Invoice Company**
- **Invoice Transaction Type**
- **Multiple Invoices**

The following fields are added in the Shipment Lines (whinh4131m000) session:

- **Additional Cost Line**
- **Amount**

Reference for Information Purpose

Reference for Information purpose in FP5

reference

Reference for Information purpose in FP6

In Infor ERP LN 6.1 FP6 **Reference** field supports additional informational and logistical requirements of Original Equipment Manufacturers (OEM's) and Suppliers. You can print this reference information in the labels. The reference is passed from the schedule to the warehouse order outbound line, then to the shipment line and to the handling unit.

The **Reference** field is added in the following sessions:

- Outbound Order Lines (whinh2120m000)
 - Shipment Lines (whinh4131m000)
 - Handling Units (whwmd5130m000)
-

Additional Information Fields

In Infor ERP LN 6.1 FP6 the concept of user defined additional information fields is introduced.

Additional Information Fields in FP5

The concept of additional information fields does not exist in Infor ERP LN 6.1 FP5.

Additional Information Fields in FP6

The concept of additional information fields is introduced in Infor ERP LN 6.1 FP6. The fields are added to the following sessions:

- Warehousing Orders (whinh2100m000)
- Outbound Order Lines (whinh2120m000)
- Shipments (whinh4130m000)
- Shipment Lines (whinh4131m000)
- Warehousing Orders History (whinh2550m000)
- Outbound Order Line History (whinh2570m000)
- Shipment History (whinh4550s000)
- Shipment History - Line (whinh4551s000)

Fulfillment Plans - Integration of Inventory Control Manager (ICM) with ERP LN

Infor ERP LN 6.1 FP6 supports the integration of Inventory Control Manager (ICM) with ERP LN.

Fulfillment Plans - Integration of Inventory Control Manager (ICM) with ERP LN in FP5

In Infor ERP LN 6.1 FP5 the concept of fulfillment plans was not implemented.

Fulfillment Plans - Integration of Inventory Control Manager (ICM) with ERP LN in FP6

In Infor ERP LN 6.1 FP6 the following functional flows are supported :

- Fulfillment Plans - Planning and Release Process
 - Generation of Outbound Advice
 - Cross Docking
 - Direct Material Supply
 - Load Planning and Order Clustering in Freight Management
-

The following new entities are added:

- Fulfillment Plans (whinh2522m000)
- The following fields are added in the Outbound Order Lines (whinh2120m000) session :
 - **Use Fulfillment Plan**
 - **First Shipping Date**
 - **Shipping Quantity**
- The following fields are added in the Generate Plan (fmlbd0280m000) session :
 - **Combine Fulfillments into Shipments**
 - **Tolerances**
 - **Tolerances**
- The following fields are added in the Generate Freight Order Clusters (fmfoc3200m000) session :
 - **Combine Fulfillments into Clusters**
 - **Tolerances**
 - **Tolerances**

Logistic Service Providers (LSP) - Packaging Item Registration

In Infor ERP LN 6.1 FP6 the Logistic Service Providers (LSP) are handled as a separate VMI / consignment kind of warehouse in ERP LN Warehouse Management, where ownership of inventory rests with the supplier.

New in Infor ERP LN 6.1 FP6

In **Update Shipping Material Account during** field in the Warehouses (whwmd2500m000) session you can select the time at which the packaging item related transactions are updated by ERP LN. For more information, refer to Logistic Service Providers (LSP) - Packaging Item Registration

Product variants in Warehouse Management

In Infor ERP LN 6.1 FP6 you can sell multiples of one single configuration – with the configured item to be built on an assembly line. For order quantity greater than one, ERP LN creates several assembly orders linked to one sales order line.

Product variants in FP5

In Infor ERP LN 6.1 FP5 for each assembled item a separate sales order line is required. The Infor ERP LN 6.1 FP5 Assembly solution only allows a sales order quantity of one. For each sales order line one product variant is created in the APL module and for each product variant one assembly order (which has a quantity of one, there is no quantity field) can be created.

Product variants in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6 you can have sales order lines for quantities more than one, thus sell more of the same configuration. For more information, refer to Product variants in Warehouse Management

To Print Storage Conditions

In Infor ERP LN 6.1 FP6 you can print the storage conditions on inbound and outbound documents.

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6 the following fields are added to the Inventory Handling Parameters (whinh0100m000) session.

Print Storage Conditions - Inbound

- **Item/Item Group Storage Conditions**
- **Warehouse/Location Storage Conditions**

Print Storage Conditions - Outbound

- **Item/Item Group Storage Conditions**
- **Warehouse/Location Storage Conditions**

Allow Unblock by Other User

In Infor ERP LN 6.1 FP6 a user can release the inventory that is blocked by other users.

Allow Unblock by Other User in FP5

In Infor ERP LN 6.1 FP5 only the same user who has blocked the inventory can release the inventory.

Allow Unblock by Other User in FP6

In Infor ERP LN 6.1 FP6 any user can release the inventory that is blocked by other users. To allow unblock by other users the **Blocking by User** field is added to the Master Data Parameters (whwmd0100s000) session.

Compose Shipping Structure - Container Handling

Infor ERP LN 6.1 FP6 can automatically create a shipping container during load / shipment building and to link this container to the load / shipment.

Compose Shipping Structure in FP5

In Infor ERP LN 6.1 FP5 you must manually create a shipping container and move the shipments from node 'Without Containers' to the shipping container. When ERP LN creates a shipping structure, by default all the shipments are added to the node *Without Containers* in the Compose Shipping Structure graphical browser framework (GBF).

Compose Shipping Structure in FP6

In Infor ERP LN 6.1 FP6 a field **Container Handling** is added in the Warehousing Order Types (whinh0110m000) session. The **Automatic** option of field **Container Handling** indicates that ERP LN generates shipping containers and assigns the shipments to the shipping container automatically. ERP LN automatically create a shipping container during load / shipment building and links this container to the load / shipment.

Inventory Analysis

This topic describes the differences between the **Warehouse Orders** module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

New and changed functionality

- **Demand Forecast in WM for a Range of Future Periods**

In Infor ERP LN 6.1 FP6 the functionality to create demand forecast is enhanced to include a range of future periods. For more information, refer to *Demand Forecast in WM for a Range of Future Periods (p. 8-8)*.

Warehouse Orders

This topic describes the differences between the **Warehouse Orders** module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

New and changed functionality

- **Count all Stock Points for Item**
In Infor ERP LN 6.1 FP6 the **Count all Stock Points for Item** field is added. For more information, refer to *Count all Stock Points for Item* (p. 8-3) .
 - **Combine within Order Interval**
In Infor ERP LN 6.1 FP6 a new check box **Combine within Order Interval** is added in the Generate Orders (TPOP) (whinh2201m000) session to combine warehouse orders which fall within the same order interval. For more information, refer to *Combine orders within order interval* (p. 8-5) .
 - **Shipment Building Based on Shipment Reference**
In Infor ERP LN 6.1 FP6 new field **Shipment Reference** is added as additional shipment building criteria. For more information, refer to *Shipment Building Based on Shipment Reference* (p. 8-8)
 - **Shipment Building Based on Delivery points**
In Infor ERP LN 6.1 FP6 new field **Single Delivery Point per Shipment** is added as additional shipment building criteria. For more information, refer to *Shipment Building Based on Delivery points* (p. 8-9)
 - **Load Building Based on Single Ship-to per Load**
In Infor ERP LN 6.1 FP6 new field **Single Ship-to Code per Load** is added as additional shipment building criteria. For more information, refer to *Load Building Based on Single Ship-to per Load* (p. 8-10) .
 - **To Print Storage Conditions**
In Infor ERP LN 6.1 FP6 you can print the storage conditions on inbound and outbound documents. For more information, refer to *To Print Storage Conditions* (p. 8-16) .
 - **Compose Shipping Structure - Container Handling**
Infor ERP LN 6.1 FP6 can automatically create a shipping container during load / shipment building and to link this container to the load / shipment. For more information, refer to *Compose Shipping Structure - Container Handling* (p. 8-17)
-

Warehouse Master Data

This topic describes the differences between the **Warehouse Master Data** module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

New and changed functionality

- **Handling Unit Version History**
In Infor ERP LN 6.1 FP6 the Delete/Archive Handling Unit Version History (whwmd5231m000) session is introduced to enable the user to archive the handling unit version history. For more information, refer to *Handling Unit Version History (p. 8-2)*.
 - **Logistic Service Providers (LSP) - Packaging Item Registration**
In Infor ERP LN 6.1 FP6 the Logistic Service Providers (LSP) are handled as a separate VMI / consignment kind of warehouse in ERP LN Warehouse Management, where ownership of inventory rests with the supplier. For more information, refer to *Logistic Service Providers (LSP) - Packaging Item Registration (p. 8-15)*
 - **Allow Unblock by Other User**
In Infor ERP LN 6.1 FP6 a user can release the inventory that is blocked by other users. For more information, refer to *Allow Unblock by Other User (p. 8-16)*
-

Freight Management

This topic lists the available differences topics for Freight Management. The differences topics describe the differences between Infor ERP LN 6.1 FP5 and Infor ERP LN 6.1 FP6.

New and changed functionality

The following differences topics are available:

- *Freight Planning-Combining Stops by Route Plan / Standard Route (p. 9-1)*
- *Carrier Selection and Cost Calculation within Warehousing (p. 9-3)*
- *Graphical Freight Planning Board (p. 9-4)*
- *Shipment Building within Freight Management (p. 9-5)*

Freight Management modules differences

The remaining differences are listed in the following module differences topics:

- *Freight Planning (p. 9-6)*

Freight Planning-Combining Stops by Route Plan / Standard Route

Freight Planning-Combining Stops by Route Plan / Standard Route in FP5

The planning process does not take into account the Standard Routes and Route Plans. This leads to selecting multiple Transport Means Groups for the trip. The planning process currently creates trips and stops from combined orders. During the creation of the stops, the carrier/LSP and transport means group / transport means combination is selected.

Freight Planning-Combining Stops by Route Plan / Standard Route in FP6

To allow the freight planning to select the best transport means group / transport means combination a new process step *Combining Stops by Route Plan / Standard Route* is introduced. After the stops are created, ERP LN combines the stops that use the same route plan / standard route. After the stops are combined based on same route plan / standard route, the load building process of ERP LN determines the ideal transport means group / transport means combination for these combined stops.

Flexibility in setting user authorizations by Shipping Office and Planning Group

Infor ERP LN 6.1 FP5

You must define the users in the Users by Shipping Office and Planning Group (fmfoc1105m000) session to allow the users to create or update freight information

.

Infor ERP LN 6.1 FP6

A new check box **External updates on actual plans allowed** is added in the Freight Planning Parameters (fmlbd0100m000) session. If this check box is selected, ERP LN allows the unauthorized users from other packages like Warehouse Management and Central Invoicing to confirm shipments or process invoices.

Shipping Sequence within Loads

In Infor ERP LN 6.1 FP6 the load and shipment functionality is enhanced to allow reordering of shipments within a load.

Infor ERP LN 6.1 FP5

The reordering of shipments within a load is not possible.

Infor ERP LN 6.1 FP6

To allow reordering of shipments within a load, a new field **Shipping Sequence** is added to the following sessions:

- Shipments (fmlbd3100m000)
 - Load (fmlbd4100m100)
-

The following options are added to the **Specific** menu in the Shipments (fmlbd3100m000) session :

- **Recalculate Shipment Dates**
- **Generate Shipping Sequence**
- **Move Up**
- **Move Down**

For details, refer to the online Help of Shipments (fmlbd3100m000) session.

Carrier Selection and Cost Calculation within Warehousing

You can use Infor ERP LN 6.1 FP6 to select the carrier / transport means group and to calculate the estimated freight cost for the loads and shipment created in Warehouse Management package of ERP LN.

Infor ERP LN 6.1 FP5

In Infor ERP LN 6.1 FP5, no carrier selection is possible in Warehouse Management based on the freight rate and carrier selection data.

Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6 you can specify the carrier and calculate the estimated freight cost in the Warehouse Management package of ERP LN. The following entities are added as part of this functionality :

- The **Rate and Carrier/LSP Selection at Warehouse Shipment** field is added in the Freight Rates and Costs Parameters (fmfr0100m000) session.
 - New Freight Rates Warehouse Shipments (fmfr0535m000) session is added.
 - The form commands **Select Carrier/LSP** and **Log Select Carrier/LSP** are added to the following sessions:
 - Shipments (whinh4130m000)
 - Loads (whinh4140m000)
 - Loads (whinh4640m000)
 - Shipment (whinh4630m000)
 - Shipping Containers (whinh4125m000)
 - Shipping Containers (whinh4625m000)
 - The **Estimated Freight Costs** field is added to the following sessions.
 - Shipments (whinh4130m000)
-

- Loads (whinh4140m000)
- Loads (whinh4640m000)
- Shipment (whinh4630m000)

The following commands and fields are added in Freight Management:

- Command Log Calculate Invoice Amount is added in the Freight Invoicing Information (fmfri0110m000) session.
- Field **Retrieve Rates with User Log** is added to the Calculate Freight Costs (fmfrc0240m000) session.
- Command Log Calculate Freight Cost is added in the Loads (fmlbd4100m000) and Load (fmlbd4100m100) sessions.

Graphical Freight Planning Board

In Infor ERP LN 6.1 FP6, the graphical planning board functionality is also made available in the webtop environment.

Graphical Freight Planning Board in FP5

In Infor ERP LN 6.1 FP5, the graphical planning board can be started only in the Worktop environment. The already existing freight plan board is a Visual Basic application and runs on a Windows machine.

Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6, the freight plan board is redesigned for use in Webtop environment.

The following entities are added to implement the graphical plan board functionality:

- The following fields are added in the User Profile (fmfmd1620m000) session :
 - **Default Shipping Office**
 - **Default Planning Group**
 - **Use Tree Colors**
 - The following new sessions are added :
 - Freight Order Lines (fmfoc2101m100)
 - Plans (fmlbd0110m100)
-

Shipment Building within Freight Management

In Infor ERP LN 6.1 FP6 the following shipment building criteria are introduced :

- **Unique Shipment Reference per Shipment**
- **Single Shipment Reference per Shipment**
- **Single Delivery Point per Shipment**
- **Single Order per Load**
- **Single Ship-To Code per Load**
- **Delivery Point**

New in Infor ERP LN 6.1 FP6

In Infor ERP LN 6.1 FP6 Freight Management retrieves the shipment building criteria from Warehouse Management When ERP LN creates freight order the shipment/load building parameters are retrieved from the Warehousing Order Types (whinh0110m000) session.

The **Unique Shipment Reference per Shipment** field is added to the following sessions:

- Freight Order Lines (fmfoc2101m000)
- Shipments (fmlbd3100m000)

The **Shipment Reference** field is added to the following sessions:

- Freight Order Lines (fmfoc2101m000)
- Shipments (fmlbd3100m000)
- Shipment Lines (fmlbd3150m000)

The **Single Order per Load** field is added to the following sessions:

- Freight Orders (fmfoc2100m000)
- Freight Order Lines (fmfoc2101m000)
- Loads (fmlbd4100m000)

The **Delivery Point** field is added to the following sessions:

- Freight Order Lines (fmfoc2101m000)
- Shipments (fmlbd3100m000)
- Shipment Lines (fmlbd3150m000)

The **Single Shipment Reference per Shipment** field is added to the following sessions:

- Freight Order Lines (fmfoc2101m000)
- Shipments (fmlbd3100m000)

The **Single Delivery Point per Shipment** field is added to the following sessions:

- Freight Order Lines (fmfoc2101m000)

- Shipments (fmlbd3100m000)

The **Single Ship-To Code per Load** field is added to the following sessions:

- Freight Order Lines (fmfoc2101m000)
- Loads (fmlbd4100m000)

Freight Planning

This topic describes the differences between the **Freight Planning** module in Infor ERP LN 6.1 FP5 and in Infor ERP LN 6.1 FP6 that are not already discussed in other Differences topics.

New and changed functionality

- **Flexibility in setting user authorizations by Shipping Office and Planning Group**
In Infor ERP LN 6.1 FP6 a new check box **External updates on actual plans allowed** is added in the Freight Planning Parameters (fmlbd0100m000) session. For more information, refer to *Flexibility in setting user authorizations by Shipping Office and Planning Group (p. 9-2)* .
 - **Shipping Sequence within Loads**
In Infor ERP LN 6.1 FP6 the load and shipment functionality is enhanced to allow reordering of shipments within a load. For more information, refer to *Shipping Sequence within Loads (p. 9-2)* .
-

Appendix A glossary

A

activity definitions

The description of an activity. An activity is any action carried out for a business partner or opportunity, for example paying for calls and registering phone calls or complaints. As the data to be recorded can vary from one activity to another, you can link a separate feature definition or feature set to each activity.

additional costs

Charges for extra services, such as extra packaging, insurance, and so on. Additional costs are added to the freight costs of a shipment, load, or a freight order cluster. They are levied for shipment lines or freight order cluster lines, which can be invoiced to the customer. This depends on the agreements made with the business partner.

additional information fields

User-defined fields that can be linked to ERP LN tables.

The contents of additional fields can be transferred between ERP LN tables. Additional information fields are meaningless to ERP LN as no functional logic is linked to the contents of these fields.

See: Additional information fields

advance payment/receipt

A paid or received amount, which cannot be allocated to an invoice or any other document. After an invoice has been created, the advance payment or receipt can be allocated to it. Unlike an unallocated payment/receipt, you can calculate tax on a advance payment/receipt.

anticipated payment

See: *anticipated receipts (p. A-2)*

anticipated payments

A payment that is not entirely executed yet, or is on its way to be executed.

These anticipated payments can be created:

- Automatically, for example when a check is generated by the automatic payment procedure.
- Manually, for example, when a check is written.

Antonym: anticipated receipt

anticipated receipt

See: *anticipated payments* (p. A-2)

anticipated receipts

A receipt that is not completed yet.

Anticipated receipts can be created:

- Automatically (for example, in case of direct debit)
- Manually (for example, when a check is entered)

Antonym: anticipated payment

assembly item

An item with default supply source **Assembly**. The production of assembly items is controlled by an assembly order. Assembly orders are executed on an assembly line.

Note

An assembly item can have item type **Generic**, **Manufactured**, or **Engineering Module**.

assembly order

An order to assemble a product on one or more assembly lines.

assembly part

A component used on an assembly line.

An assembly part forms the link between Configurator and Enterprise Planning. Configurator generates the requirements for assembly parts and Enterprise Planning plans the production or purchase of the item.

automatic-update order group

A group of planned orders, for which the criteria for inclusion are stored.

If you run the order planning process with the automatic-update feature activated, ERP LN updates these order groups based on the stored selection criteria.

available-to-promise

The item quantity that is still available to be promised to a customer.

In ERP LN, available-to-promise (ATP) is part of a more extended framework of order promising techniques called capable-to-promise (CTP). If an item's ATP is insufficient, CTP goes beyond ATP in that it also considers the possibility of producing more than was initially planned.

In addition to the standard ATP functionality, ERP LN also uses channel ATP. This term refers to the availability of an item for a certain sales channel, taking into account the sales limits for that channel.

For all other types of order promising functionality used in ERP LN, the term CTP is used.

Acronym: ATP

bill of material

A listing of all subassemblies, intermediates, parts, and raw materials that go into the parent assembly. The bill lists the quantity and costs of each component.

Synonym: BOM

BOM

See: bill of material (p. A-3)

BOM line

The line number within the bill of material.

bshell

See: ERP LN shell (p. A-6)

Business Object Document (BOD)

An XML message used to exchange data between enterprises or enterprise applications. The BOD is composed of a noun, which identifies the message content, and a verb, which identifies the action to be taken with the document. The unique combination of the Noun and the Verb forms the name of the BOD. For example, noun ReceiveDelivery combined with verb Sync results in BOD SyncReceiveDelivery.

capacity utilization

The number of hours that a resource is used for production.

Alternatively, a percentage indicating the capacity use as a proportion of the total available capacity.

cluster

In Enterprise Planning, a grouping of warehouses connected to each other by supplying relationships.

A cluster represents a geographical location that consists of one or more warehouses. Enterprise Planning considers these warehouses as one unit for planning purposes.

COGS

See: *cost of goods sold* (p. A-5)

company

A working environment in which you can carry out logistic or financial transactions. All the transaction data is stored in the company's database.

Depending on the type of data that the company controls, the company is:

- A logistic company.
- A financial company.
- A logistic and a financial company.

In a multisite structure, some of the database tables can be unique for the company and the company can share other database tables with other companies.

component CTP check

An availability check on the components necessary to produce an extra quantity of an item to deliver a customer order on time.

The type of check that is performed on a component item itself depends on the CTP parameters for the component in question.

The component CTP check is performed on components in the bill of critical materials or the bill of material, depending on the order horizon. Only components defined as CTP critical are checked.

constraint

A set of decision rules (constraints) that control the translation of the customer requirements into the product structure of the variant. These constraints indicate which components and operations will be used in a specific product variant.

consumption

The issue from the warehouse of consigned items by or on behalf of the customer. The customer's purpose is to use these items for sale, production, and so on. After the items are issued, the customer becomes the owner of the items and the customer must pay the supplier.

cost of goods sold

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.

Abbreviation: COGS

customized item

An item produced on a customer specification for a specific project. A customized item can have a customized BOM and/or a customized routing and is normally not available as a standard item. A customized item can, however, be derived from a standard item or a generic item.

default supply source

The source that supplies an item by default. An item can be supplied by using purchase orders, production orders, assembly orders, or warehousing orders.

The default supply source determines what type of order is used to supply the item, but in general, you can override the default and specify an alternate source.

delivery point

An address specification within a delivery address. For example, a warehouse dock location.

The supplier uses the delivery point in the shipment building process: the shipments are grouped by delivery point.

demand forecast

The level of demand that is expected in future periods.

The demand forecast is based on historical demand data and can be used to determine the optimal safety stock and reorder point.

See: safety stock, reorder point

effectivity unit

A reference number on a sales order line or a sales quotation line that is used to model deviations for a unit effective item.

ERP LN shell

The ERP LN shell is a program that runs the ERP LN applications. The ERP LN shell serves as an interface program between the ERP LN applications, operating system, user interface, and database. This open systems architecture allows the ERP LN applications to operate on all supported combinations of operating systems, user interfaces, and databases.

Synonym: virtual machine

Acronym: bshell

extensible markup language

A language to create structured documents with metadata. The structure of an XML document is prescribed by a document type definition (DTD) that can be user defined.

Example

A typical fragment of an XML document is the following:

```
<item status="preliminary">
  <itemID>PXA0012</itemID>
  <description>front axle-bearing</description>
</item>
```

Acronym: XML

FAS item

A generic item with the FAS (Final Assembly Scheduling) order system.

FAS items are produced in a mixed model flow process on an assembly line.

generic item

An item that exists in multiple product variants. Before any manufacturing activities are performed on a generic item, the item must be configured to determine the desired product variant.

Example

Generic item: electric drill

Options:

- 3 power sources (batteries, 12 V or 220 V)
- 2 colors (blue, gray).

A total of 6 product variants can be produced with these options.

item order plan

A time-phased overview of your order planning.

The item order plan contains overview values for demand and forecast on one hand, and the other hand it provides information about scheduled receipts (actual orders) and planned supply (planned orders).

item subcontracting

The entire production process of an item is outsourced to a subcontractor.

lead-time offset

The cumulative lead time of the production process, calculated from the production stage where the relevant critical material or critical capacity is required to the final stage of the production process. The lead-time offset is a factor in determining the start date of the critical material or critical capacity requirement.

The lead-time offset can be expressed in days or hours.

logistic agreements

Conditions that must be formally agreed upon between a supplier and a customer regarding logistic data, such as schedule messages, frozen periods, authorizations, delivery patterns, carrier, and so on.

match code

A code that defines a set of additional criteria that must be applied when self-billed invoices are automatically matched with corresponding order data.

module

A planning unit for a customized, manufactured, or purchased part, for which the logistical planning is related directly to the project network planning. A module may be a more or less complex compound part or a single part, such as a long delivery time part.

network planning

The network planning includes all the activities required to carry out (plan and control) a project. The relations within the network show the interdependent activities.

order group

A collection of planned production orders, which you can use as a selection criterion to transfer planned production orders from Enterprise Planning to the Shop Floor Control (SFC) module of Manufacturing.

SFC can use the same collection of production orders to organize manufacturing tasks.

order policy

The order parameter that controls the way an item is produced or ordered.

This can be:

- Anonymous, the item is produced or purchased independent of customer orders.
- To order, the item is produced or purchased only if customer orders exist for the item.

order system

The order parameter that controls the way by which recommended purchase and production orders are generated.

Options:

- **FAS** (final assembly scheduling).
 - **SIC** (statistical inventory control).
 - **Planned** (schedule-based and order-based planning).
 - **Manual** (manual reordering).
-

phantom

An assembly that is produced as part of a manufactured item, and that can have its own routing.

A phantom is usually not held in inventory, although occasionally some inventory can exist. The planning system does not create material requirements for a phantom, but drives the requirements straight through the phantom item to its components. Phantoms are mainly defined to create a modular product structure.

Example

The door of a refrigerator is defined as a phantom item in the bill of material of a refrigerator. The materials of the door are listed on the production order's material list for the refrigerator.

pick-up sheet

A list of items to be picked-up at the supplier's site by a specific carrier for transport to the customer on a specific day.

planned distribution order

An order in Enterprise Planning for an internal supplier or sister company to deliver a quantity of an item.

planned order

A supply order in Enterprise Planning that is created for planning purposes, but which is not an actual order yet.

Enterprise Planning works with planned orders of the following types:

- Planned production order
- Planned purchase order
- Planned distribution order

Planned orders are generated in the context of a particular scenario. The planned orders of the actual scenario can be transferred to the execution level, where they become actual supply orders.

planned production order

A planned order in Enterprise Planning to produce a certain quantity of an item.

planned warehouse order

An order created in Order Management that forms the basis for most schedule-related processes. Planned warehouse orders, which are created during sales schedule approval, decouple schedule updates and revisions from warehouse orders. They serve as the interface between Order Management on one hand and Warehouse Management and Central Invoicing on the other hand.

plan period

One of a series of time buckets into which all planning data in a master plan is accumulated.

Plan periods are defined in the context of a scenario.

Plan periods are identified by a period number, and are defined in days, weeks, or months.

price book

An entity in which you can store price information.

You can store the following in a price book:

- The base sales price.
- The base purchase price.
- The price unit for items.

Prices are defined by currency and are valid for a given period of time.

A quantity or value break discount schedule can be tied to a price book.

production BOM

An alternative term for the bill of material and is used to distinguish the Production BOM from the Engineering BOM.

product model

Used in the definition of the product variant in making a sales order or quotations by translating the customer requirements into a product variant

product structure

The sequence of steps by which components are put together to form subassemblies, until the finished product is produced.

The product structure is defined by a multilevel bill of materials, sometimes in combination with routing data.

product variant

A unique configuration or specification of a generic or standard item. The specification results from the configuration process and includes information such as feature options, company, and assembly line.

Example

If your item is a bike, you can have three product variants:

- A red bike produced on assembly line one.
- A blue bike produced on assembly line two.
- A red bike produced on assembly line two. In this example, color and line are product variant options.

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 activity

An activity that is relevant for the (rough) planning of a project. Activities are used to plan the rough material and capacity requirements of the project. Activities are also used to control the (final) assembly planning of the project.

promising status

A status that informs you about whether a sales quotation line, sales order line, or sales component line can be promised to a customer, or whether inventory checks must still be carried out or insufficient inventory situations must still be resolved for the line.

purchase order

The order that indicates which items are delivered by a buy-from business partner according to certain terms and conditions.

A purchase order contains:

- A header with general order data, buy-from business partner data, terms of payment, and terms of delivery.
- One or more order lines with more detailed information about the actual items to be delivered.

reference

Any informative description field used to refer to, for example:

- The person or department with authorization to perform a specific task.
- The business partner's contact.
- The original invoice number.

reporting currency

One of the companies' home currencies that you, for example, use to report financial results to management.

In a multicurrency situation, you can use three home currencies. You can define the following three home currencies for a company:

- The company's local currency
- Reporting currency 1
- Reporting currency 2

request-for-quotation (RFQ)

A purchasing document that is used as a request to suppliers to submit their terms (price, discount, delivery time, terms of payment, terms of delivery, and so on) for delivering a (quantity of a) product.

You can send the request to a number of suppliers. The supplier, in turn, can submit quotations for the specified items.

You can enter the quotation results into the system. This enables you to compare the prices and discounts that are offered by different suppliers.

An accepted quotation can be copied to a contract, an order, or a price book.

resource order plan

A period based overview of the capacity utilization of a specific resource and of the orders that require resource capacity.

The resource order plan can contain the following order types/entities:

- Critical capacity requirements from Enterprise Planning
- Planned production orders from Enterprise Planning
- Production orders from the Shop Floor Control module of Manufacturing
- Project activities from the Project Control module of Manufacturing
- Service order activities from the **Service Order Control (SOC)** module or the **Work Order Control (WCS)** module of **Service**

sales order

An agreement that is used to sell items or services to a business partner according to certain terms and conditions. A sales order consists of a header and one or more order lines.

The general order data such as business partner data, terms of payment, and terms of delivery are stored in the header. The data about the actual items to be supplied, such as price agreements and delivery dates, is entered on the order lines.

sales order lines

A sales order contains items that are delivered to a customer, according to certain terms and conditions. The lines of a sale order are used to record the items ordered, as well as the associated price agreements and delivery dates.

sales quotations

A statement of price, the terms of sale, and a description of goods or services offered by a supplier to a prospective purchaser; a bid. The customer data, terms of payment, and terms of delivery are contained in the header; the data about the actual items is entered on the quotation lines. When given in response to a request-for-quotation, a bid is usually considered an offer to sell.

scenario

The identification of an overall planning solution.

Each scenario represents one overall planning solution, and involves particular settings for the planning of items and resources. You can use scenarios to analyze and compare various planning options and to find the best planning solution. For example, you can vary demand forecasts or sourcing strategies.

One of the scenarios is the actual scenario, which corresponds with the actual planning situation. You can only transfer planned orders and production plans from the actual scenario to the execution level of ERP LN.

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

shared work center

A work center that can be used across multiple production sites and that has a relationship with a work center in the same or a different logistic company. You can use this relationship to plan work in one (or more) logistic companies that is actually carried out in a different company. If this relationship is defined, you need not use sales orders and purchase orders to transfer work between work centers in different companies. The hypothetical work center without physical resources, which is used for capacity planning, is the primary work center, and the operational work centers where the work is carried out, are the secondary work centers.

See: primary work center, secondary work center

soft peg

A relationship between an item supply and an item requirement that ERP LN stores for informational purposes. If you replan an item, you lose the related soft pegs.

- **Pegged supply**

The pegged supply can be a purchase order, a planned purchase order, a production order, a planned production order, a warehousing order with transaction type transfer, or a planned distribution order.

- **Pegged requirement**

The pegged requirement can be, among other things, a sales order line or a required component for a production order.

In Enterprise Planning, the term *pegging* is generally used to denote soft pegs.

Related term: hard peg

supplying relationship

A distribution link between a supplying warehouse cluster and a receiving cluster. The clusters involved can be in the same site, or in different sites.

Enterprise Planning uses supplying relationships for distribution planning: the supplying relationships represent valid supply paths for particular items or groups of items. You can specify supplying relationships at the level of individual items, but also at more general levels.

The supplying relationships also determine the costs of supply, lot size rules, and other parameters.

task

An activity to manufacture or repair an item. For example, sawing, drilling, or painting.

A task is carried out on a work center, and can be related to a machine.

terms and conditions group

Groups the detailed terms and conditions about orders, schedules, planning, logistics, invoicing, or allocation/hard pegging for the terms and conditions line.

unallocated payment/receipt

A payment/receipt, appearing on a bank statement, which cannot be allocated to an invoice or other document. This payment can be registered as unallocated. An unallocated payment/receipt can be allocated to invoices later.

utilization

The percent of a resource (for example, hours capacity) that is used in production.

virtual machine

See: *ERP LN shell* (p. A-6)

WIP

See: *work in process* (p. A-16)

work in process

The unfinished goods in a production process including issued materials, or the value assigned to these goods. These items are not yet completed but either just being fabricated or waiting in a queue for further processing or in a buffer storage.

ERP LN distinguishes two types of WIP:

- **Production WIP**

The materials, hours, and other production resources that are consumed on the shop floor to manufacture items that are not yet received in the warehouse. When the goods are received in the warehouse, the WIP decreases.

- **PCS WIP**

The amount of materials, hours, and other costs related to orders that are linked to a specific PCS project. When an order is invoiced, the WIP decreases.

Abbreviation: WIP

XML

See: *extensible markup language* (p. A-6)

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