



Infor LN 10.4 Difference Study 10.3 - 10.4

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About this document

Document summary

This guide describes the functional changes between Infor LN 10.3 and Infor LN 10.4, categorized by LN package.

For general information on the new functionality in Infor LN 10.4, refer to the *Version Definition Infor LN 10.4*.

How to read this document

The differences described in this guide, can also be viewed in the LN online Help. The online difference topics have the advantage that they may contain hyperlinks to other topics in the LN online Help.

If you want to view the differences online, including the hyperlinks to detailed online Help topics:

1. Start the Web Help.
2. In the Navigation area, click Infor LN 10.4.
3. Click **Differences > 10.3 - 10.4**.

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Common and Master Data

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Common and Master Data. These changes may apply to multiple packages.

New and changed functionality

New or changed functionality in Infor LN 10.4 is described in these topics:

- *Document authorization using ION Workflow (p. 11)*
- *Hours in costing (p. 13)*
- *Material Pricing (p. 14)*
- *Customer furnished materials (p. 15)*
- *Project peg audit and transaction history (p. 16)*
- *EDI conversion setups (p. 16)*
- *Document Output Management (p. 17)*

Document authorization using ION Workflow

For several business objects in Infor LN 10.4, document authorization approval logic is made available using ION Workflow. ION based workflows cater for a monitored approval, data validation, and financial control process in which multiple persons can be involved.

In case of document authorization workflow approval:

- You can specify which actions and amounts are auto-approved and which actions, amounts, and discounts require management approval based on business rules. A management hierarchy can have parallel approval levels, or single approval by level.
- Approvers are alerted for approval and notified if they did not act in time to an approval request. Unanswered requests can be forwarded or escalated to other approvers or managers.

- The approval's initiator can expedite the approval in cases such as critical shortages, critical project requirement changes, and best price retrieval.

If workflow approval logic applies to a business object, which you can specify by object type in the Object Types (overview) (tocom0502m000) session, a **Workflow Status** field is displayed in the relevant session. This **Workflow Status** field is displayed alongside any existing status field. It does not replace, but it complements the usual approval, activation, or validation logic.

When you perform a change that requires authorization, a checked-out version is automatically created for the business object in the Checked-out Objects (tocom9599m000) session. The object changes take effect in LN and the approval becomes final after you submit the changes and the changes are approved in ION Workflow by all relevant persons. You can also undo your changes, or recall your submitted changes.

If the changes you submitted are rejected in ION Workflow, the **Workflow Status** is set to **Rejected** and the object cannot be approved in LN. Rejected changes can be updated and resubmitted for approval, or can be deleted.

This table shows the sessions to which the **Workflow Status** field is added:

Common	■ Invoice-to Business Partner (tcom4112s000) ■ Invoice-from Business Partner (tcom4122s000) ■ Pay-to Business Partner (tcom4124s000) ■ Bank Account by Pay-to Business Partner (tcom4125s000)
Sales	■ Sales Orders (tdsls4100m000) ■ Sales Order (tdsls4100m900)
Project	■ Contracts (tpctm1100m000) ■ Contract Lines (tpctm1110m000) ■ Contract 360 (tpctm1300m000) ■ Contract (tpctm1600m000) ■ Projects (tpdpm6100m000) ■ Project Status (tpdpm6107s000) ■ Contract Deliverables (tpdpm7100m100) ■ Contract Deliverables Monitor (tpdpm7100m400) ■ Financial Interim Result (tpppc2160s000) ■ Financial Interim Results (tpppc2560m000) ■ Financials by Contract (tpppc3150m100) ■ Approve Material Costs (tpppc4581m000) ■ Approve Labor Costs (tpppc4582m000) ■ Approve Equipment Costs (tpppc4585m000) ■ Approve Subcontracting Costs (tpppc4587m000) ■ Approve Sundry Costs (tpppc4589m000)

Procurement	■ Purchase Contracts (tdpur3100m000) ■ Purchase Contract (tdpur3600m000) ■ Purchase Orders (tdpur4100m000) ■ Purchase Order (tdpur4100m900) ■ Supplier Stage Payments (tdpur5120m000) ■ Stage Payments Lines to be Released (tdpur5520m100) ■ Stage Payment Release Workbench (tdpur5520m200)
Warehousing	■ Cycle Counting Order Lines (whinh5101m000) ■ Adjustment Order Lines (whinh5121m000)
Service	■ Physical Breakdown Change Lines (tscfg2141m000) ■ Customer Claim Lines (tscmm1110m000) ■ Customer Claim Approval (tscmm1110m100) ■ Customer Claim Estimates (tscmm1111m000) ■ Customer Claim Invoice Lines (tscmm1115m000)
Financials	■ Payment Advices (tfcmg1509m000) ■ Payment Advice (tfcmg1609m000) ■ Recurring Journals (tfgl0140m000) ■ Recurring Journal (tfgl0140m100) ■ Journal Voucher Documents (tfgl0618m000) ■ Match/Approve Purchase Invoices (tfacp2107m000) ■ Purchase Invoice Entry (tfacp2600m000) ■ Purchase Invoice Inquiry (tfacp2600m100)
Invoicing	■ Invoices (cisli3105m000) ■ Invoice (cisli3605m000) ■ Billable Lines (cisli8110m000)

Note

For more information on setting up and using ION Workflow for business objects in LN, refer to the Infor LN Content Guide for Infor ION guide at [Infor Xtreme](#).

Hours in costing

Infor LN 10.3

Although (production) hours are logged in Infor LN 10.3, they cannot be displayed separately in costing sessions.

Infor LN 10.4

To display hours separately in various costing sessions for the company, you can select the **Show Hours in Costing** check box.

This check box is added to the following sessions:

- Implemented Software Components (tccom0500m000)
- Implemented Software Components (tccom0100s000)
- General Company Data (tccom0502m000)

Material Pricing

Prices of materials such as copper, silver, gold, and aluminum often fluctuate. Because these prices usually represent a significant part of the finished goods' value, specific and tight controls are required to minimize risk and exposure.

In Infor LN 10.4, the **Material Pricing** check box is added to the Implemented Software Components (tccom0500m000) session. If this check box is selected, you can use Material Pricing to account for price increases of materials. **Material Pricing** is displayed in the Infor LN menu under Common.

To account for price increases of materials and to cover additional material-related costs, you use material price surcharges and material price surcharge costs. The material price, which can be calculated for purchase and sales documents, is automatically included in the (document line) price. These documents then include real time prices.

Material prices are calculated for purchase and sales documents taking into account:

- The material price agreements made with the business partner
- The item material content linked to the purchased or sold item
- The item material information linked to the business partner
- The difference between the base price and the actual price of the item's materials
- The exceptions for which no material prices are calculated

Material pricing setup

Before you can calculate material prices, you must specify the master data.

For more information, refer to

- Material pricing – setup
- Generation of material content

Retrieving material price information

After setting up the material pricing master data, material price information can be retrieved and material prices calculated for sales and purchase business documents.

For more information, refer to Retrieving material price information – general logic.

Material price information on sales and purchase business documents

For more information, refer to:

- Material price information – sales quotations
- Material price information – sales orders
- Material price information – sales contracts
- Material price information – sales schedules
- Material price information – requests for quotation (RFQs)
- Material price information – purchase orders
- Material price information – purchase contracts
- Material price information – purchase schedules

Updating material price information

After material price information is retrieved for a purchase or sales business document, the material price information can be updated.

For more information, refer to Updating material price information – general logic.

Customer furnished materials

Infor LN 10.3

The customer furnished materials (CFM) functionality must be used in combination with demand pegging.

Infor LN 10.4

It is not mandatory to use CFM in combination with (demand) pegging.

The related changes:

- To select the **Customer Furnished Materials** check box in the Implemented Software Components (tccom0100s000) session, only the **Ownership External** check box must be selected. The pegging check boxes can be cleared.
- Customer furnished materials can be used on orders, if one of the following conditions is met:
 - The item's order system is Planned in the Items - Ordering (tcibd2500m000) session.
 - The item has a linked demand peg.
 - The item has a linked project peg.

Project peg audit and transaction history

To support auditing of project pegs, in Infor LN 10.4, these parameters are added to the Project Pegging Parameters (tcpeg0100m000) session:

- **Manual Project Peg Modification**
If this check box is selected, manual creation, deletion, and modification of project pegs requires a reason code. Project peg changes and reason codes are logged in the Cost Peg Audit History (tpctm2500m000) session.
- **Project Peg Receipt Transactions**
If this check box is selected, project pegged receipt transactions are recorded for future auditability in the Receipt Line Peg Distribution Audit (whinh3579m000) session.

EDI conversion setups

Due to table field changes in Invoicing, the conversion setups are changed for these BEMIS business documents in Infor LN 10.4:

- Trading Invoice (INV001)
- Trading Invoice Tax on Line (INV100)

The changes apply to the **Out** direction of the EDI messages.

This table shows the field changes in the conversion setup of both documents, which are specified in the Definitions of Conversion Setups (ecedi5515m000) session:

Field description	Old field	New field
Amount in Invoice Currency	cisli205.amti	cisli305.amti
Goods Amount Invoice Currency	cisli205.gdai	not supported
Cost Amount Invoice Currency	cisli205.csai	not supported
Tax Amount in Invoice Currency	cisli205.txai	cisli305.txai
Shifted Tax Amount in Home Currency	cisli205.stai	not supported
Tax Base Amount in Invoice Currency	cisli205.tbai	not supported
Customer Order Number	cisli245.corn	cisli311;corn
Customer Order Position	cisli245.corp	cisli311;corp
Customer Order Sequence	cisli245.cors	cisli311;cors
Ordered Quantity	cisli245.oqua	cisli311;oqua
Shipment	cisli245.shpm	cisli310.shpm
Forwarding Agent Code	cisli240.cfrw	cisli311;cfrw
Ship-to BP	cisli245.stbp	cisli310.stbp

For more information, refer to these documents at edi.infor.com :

- Definition of BEMIS INV100 Import and Export File for Business Document Trading Invoice (Tax on Line) (U9478C US)
- Definition of BEMIS INV001 Import and Export File for Business Document Trading Invoice (U9462C US)

Document Output Management

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Document Output Management.

In both Recipients Sets (tccom6140m000) and Recipient Sets (tccom6640m000) sessions, the **Distribution List** field is added, which allows you to specify a distribution list for an entire set of recipients.

In the Document Output Management Rules (tccom6170m000) session, the new **Filter Rules** command allows you to view rules by recipient types or by recipients only.

The Document Output Management Rules (tccom6170m000) session is added as satellite session to the Business Partner (tccom4100s000) and Contact (tccom1640m000) sessions, where they display the rules for the current business partner or contact.

You can now also start Document Output Management from within a satellite session.

Some sessions are renamed:

Infor LN 10.3	Infor LN 10.4
E-mail Option Codes (tccom6160m000)	Distribution List (tccom6160m000)
E-mail Option Details (tccom6161m000)	Distribution List Details (tccom6161m000)
Document Output Management Details (tccom6170m000)	Document Output Management Rules (tccom6170m000)

Sales

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Sales.

New or changed functionality is described in these topics:

- *Delivery point on sales quotations (p. 19)*
- *Customer item code on sales quotations and sales orders (p. 20)*
- *Pegged item configuration on sales quotations and sales orders (p. 20)*
- *Synchronizing component lines to the sales order (line) (p. 21)*
- *Advance installments (p. 21)*
- *Sequence shipping schedule views (p. 22)*
- *Consumptions for referenced sales schedules (p. 22)*
- *Material prices on sales documents (p. 23)*

Delivery point on sales quotations

Infor LN 10.4

Delivery point information is available for sales quotations.

The **Delivery Point** field is added to these sessions:

- Sales Quotation Lines (tdsls1501m000)
- Sales Quotation Results (tdsls1101s100)

Customer item code on sales quotations and sales orders

Infor LN 10.4

For customers who do not know your internal item code system, you can now specify the customer's item code at sales order or quotation entry. As a result, the quotation and order entry processes are improved.

The **Customer Item** field is added to these sessions:

- Sales Quotation Lines (tdsls1501m000)
- Sales Order Lines (tdsls4101m000)

Pegged item configuration on sales quotations and sales orders

Infor LN 10.3

When configuring product variants, these configurations are supported: PCF configuration with PCS projects, or without PCS projects.

Infor LN 10.4

Another configuration is added: PCF configuration without PCS, but with Infor LN Project projects.

To enable this new configuration, specify the following item master data:

- **Items - General (tcibd0501m000)**
Set the **Item Type** to **Generic** and select the **Inherit Project Peg** and/or **Mandatory Project Peg** check boxes
- **Items - Ordering (tcibd2500m000)**
Set the **Order Policy** to **To Order** and clear the **With PCS** check box

As a result, in the Sales Quotation Lines (tdsls1501m000) and Sales Order Lines (tdsls4101m000) sessions, you can specify and configure a generic item and also link a project peg to the sales quotation line or sales order line.

The resulting customized item has the following characteristics:

- No PCS project is linked to the item
- If a generic BOM or routing is available, the **Item Type** is **Manufactured**. Otherwise it is **Purchased**.
- The **Order Policy** is to **To Order**.
- The **Inherit Project Peg** and/or **Mandatory Project Peg** check boxes are selected.

Synchronizing component lines to the sales order (line)

Infor LN 10.3

You can use the Sales Order - Lines - Synchronization (tdsls0280m000) session to synchronize sales order lines with the sales order header when the order header is updated.

Updates are not synchronized to linked component lines.

Infor LN 10.4

If you maintain components using component lines, updates to sales order header and sales order line fields can now be synchronized to the component lines.

When a change is made to the following order header or line fields, the Sales Order - Lines - Synchronization (tdsls0280m000) session is started in which you can indicate the changes that must be synchronized to the (component) lines:

- **Point of Title Passage**
- **Delivery Terms**
- **Warehouse**
- **Carrier/LSP**
- **Route**

On the appropriate menu in the Sales Order Lines (tdsls4101m000) session, the **Order Line - BOM Components - Synchronization** command is added. You can use this command to manually start the Sales Order Line - BOM Components - Synchronization (tdsls0280m000) session.

Advance installments

Infor LN 10.3

These installment types are available for invoicing by installments:

- Advance
- Normal
- Guarantee

Infor LN 10.4

The **Advance** installment type is extended. You can choose these values:

- **Advance Payment Request.** This is a new installment type.
- **Advance Invoice.** This is the existing **Advance** installment type, which is renamed.

Advance installment types

- **Advance Invoice**
A normal invoice that must be paid for by the sold-to business partner before goods can be delivered. The invoice is a legal document that must comply with legal requirements and is included in the sales listing, VAT declaration, and revenue recognition.
- **Advance Payment Request**
A request to the business partner to pay in advance a certain amount or percentage before goods can be delivered. The invoice is not a legal document and is not included in the sales listing, the VAT declaration, and the revenue recognition.

The **Use Advance Payment as** field, which is added to the Sales Order Parameters (tdsls0100s400) session, determines which advance installment type you can use.

A sales order can only include installment lines of the same *advance* installment type: either **Advance Invoice** or **Advance Payment Request** can be specified in the Installment type field of the Sales Order Installments (tdsls4110m000) session for a specific sales order.

For more information, refer to Installments.

Sequence shipping schedule views

Infor LN 10.3

Sequence shipping information is sorted by sequence shipping schedule and can be viewed in the Sequence Shipping Information (tdsls3517m000) session.

Infor LN 10.4

Sequence shipping information can also be sorted by:

- Sold-to and ship-to business partner
- Business partner, vehicle, and job sequence

You can sort and view this information in the new Sequence Shipping Information by Business Partner (tdsls3517m100) session.

Consumptions for referenced sales schedules

In Infor LN 10.4, the **Reference** and **Shipment Reference** fields are added to the Inventory Consumption Lines (tdsls4141m000) session to link consumptions to a sales schedule.

Therefore, the search path for linking consumptions to a replenishment sales order or schedule is also extended.

Linking consumptions to a replenishment order/schedule:

In Infor LN 10.4, this search order applies:

1. If a **Subcontracting Reference** is available on the consumption line, the consumption is linked to the corresponding purchase material supply line in the Purchase Order Material Supply Lines (tdpur4116m000) session.
2. If a **Reference** or **Shipment Reference** is specified, or both fields are specified, LN searches for a matching sales schedule for a combination of these fields and links the consumption to the schedule. If no schedule can be found, an error message is displayed.
3. If a **Packing Slip** is available, LN searches for a matching sales schedule shipment and links the consumption to the schedule. If no schedule shipment can be found, an error message is displayed.
4. If a **Customer Reference** is available and a matching sales order is found, the consumption is linked to the order, using the order's payment conditions.
5. If no matching sales order can be found, LN checks whether the **Customer Reference** has a matching sales schedule (line) that can be linked to the consumption.
6. If the **Invoicing Required** check box is selected, LN searches for a **Pay on Use** sales order line to which the consumption can be linked.
7. If no **Pay on Use** sales order line can be found, LN searches for a **Pay on Use** sales schedule line to which the consumption can be linked.
8. If no **Pay on Use** sales schedule line can be found, a consignment invoicing sales order is created to settle the invoicing of the consumed quantity.

Material prices on sales documents

In Infor LN 10.4, the **Material Pricing** module is added to the Infor LN menu under Common. For more information, refer to *Material Pricing* (p. 14) .

If the **Material Pricing in Sales** check box is selected in the Material Price Parameters (tcmpr0100m000) session and you specified the **Material Pricing** master data, material prices can be calculated automatically and included in the (document line) price on sales quotations, sales orders, sales contracts, and sales schedules.

New fields

The **Material Price** group box is added to many sessions across Sales. This group box includes the following fields for a sales document line:

- **Price**, which is the document line price
- Material price
- **Price excluding Material Price Surcharges**, which is the initial price

- **Material Price Surcharges**, which totals the material price surcharge and material price surcharge costs
- **All Materials have Actual Prices**, which indicates if for all materials that are linked to a sales document line, material actual prices are available

Note

The price on a sales quotation line or sales contract line always excludes material price surcharges. Surcharges are calculated for the resulting purchase order line or schedule line.

New commands

The following commands are added to the appropriate menu of many sessions in Sales:

- **Material Price Information**
Starts the Material Price Information (tcmpr1600m000) session in which you can view or update the material price information that is linked to the sales document
- **Material Price Information History**
Starts the Material Price Information History (tcmpr1550m000) session in which you can view the material price information history for a sales document.

For more information on using material prices for a sales document, refer to:

- Material price information – sales quotations
- Material price information – sales orders
- Material price information – sales contracts
- Material price information – sales schedules

Project

This topic lists the differences between Infor LN 10.3 and Infor LN 10.4 in Project.

New or changed functionality is described in these topics:

- *Progress Payment Requests (p. 25)*
- *Contract fees and penalties (p. 26)*
- *Estimating Surcharges (p. 26)*
- *Billing rate in overhead calculation (p. 27)*
- *Financial Results (p. 27)*
- *Closing project with fees (p. 27)*
- *Hide Plan (p. 28)*

The remaining differences are described in these topics:

- *Contract Management (p. 28)*
- *Project Definition (p. 30)*
- *Estimating (p. 32)*
- *Project Budget (p. 32)*
- *Requirements Planning (p. 34)*
- *Project Progress (p. 34)*
- *Invoicing (p. 36)*
- *Planning (p. 33)*

Progress Payment Requests

Progress payment requests

In Infor LN 10.4, you can define progress payments for a contract. The amount that can be invoiced to the customer is based on the progress of the project or the contract and the percentage of the payment is agreed based on the terms of the contract. These progress payments are based on the cost even though the contract is based on a fixed price. The progress payments must be settled against the

installment or delivery based invoices. Progress Billing terms can also be negotiated in a US Government contracting environment.

For more information, refer to Using progress payment requests.

Contract fees and penalties

Fees and penalties

In Infor LN 10.4, you can define fees and penalties for a contract line. The contract fees and penalties are used to incentivize the contractor and can be agreed upon with the contractor as part of the contract. You can define fees and penalties for all the contract types. The invoicing method is defaulted from the contract line data. However, you can change the invoicing method. For Cost-Plus contracts, the Cost-Plus Percentage Fee (by using Mark Up Percentages on the Contract Line) is supported. In Infor LN 10.4 Fixed, Incentive, Award Fees, and Penalties are also supported. In Infor LN 10.4, the fee amount must not exceed the funded amount specified for the contract. Infor LN allows you to approve the fees only if the funds are available for the contract. The fees cannot be settled using advance amount. For cost-based contracts, the user can bill these cost to the customer. When the billing rates are approved, the overhead calculation can be reapplied, including the considered periods and transactions.

Note

- For penalties, invoice with a negative amount or credit note is generated.
- When using fees and penalties, the holdback functionality is not applicable.

For more information, refer to Create fees and penalties for contract.

Estimating Surcharges

Infor LN 10.3

Standard surcharges cannot be included in estimating.

Infor LN 10.4

- You can include the standard surcharges for the cost objects, cost types, or cost components specified on the estimate lines. The estimate surcharges can be calculated using the Calculate Estimate Surcharges (tpest2200m100) session. A new estimate line with the **Line Type** set to **Indirect** is added that includes the calculated surcharges, in this session.

For more information, refer to To define an estimate.

Billing rate in overhead calculation

Infor LN 10.3

The Applied rate (internal) and the Billing rate (external) options are not available to calculate the overhead costs.

Infor LN 10.4

You can use the Applied rate (internal) and the Billing rate (external) to calculate the overhead costs.

- The applied rate is used to calculate the internal overhead costs for the contract/ project. These overhead costs are added to the cost on the contract/ project.
- The billing rate is used to calculate the external billable overhead costs. These overhead costs can be invoiced to the business partner.

Financial Results

Infor LN 10.3

Interim results are generated only for project.

Infor LN 10.4

- In the Generate Interim Results (tpppc3250m000) and Interim Results (tpppc3150m000) sessions, interim results are generated for project or contract. In the Interim Results (tpppc3150m000) session, Infor LN allows you to view, modify, and process the calculated revenue recognition with the totals of the revenue, cost, and balances.

Closing project with fees

Infor LN 10.4

When closing a project or contract to which a fee or a penalty is linked, Infor LN must perform some additional checks for specific invoice types. Infor LN also allows you to close the project or contract, even if the fee amount and the invoice amount are not the same because the invoiced amount can be lower than the fee amount. For more information, refer to To close a project.

Hide Plan

Infor LN 10.3

The default plan is used, when you create a project or an activity is displayed,

Infor LN 10.4

- The default plan that must be used, when you create a project or an activity is displayed, only if the plan is required.
 - If the **Use Plan** check box is selected in the Project Planning Parameters (tpyss0100s000) session, you can specify the default plan that must be used to create a project or an activity and view the **Plan** field wherever an activity is used.
 - If the **Use Plan** check box is cleared in the Project Planning Parameters (tpyss0100s000) session, the **Plan** field is not displayed throughout the Infor LN Project. This option allows you to create, for example, budget lines without specifying a plan. However, when you create a project with activities, Infor LN uses the default plan. This is required, as project data must be linked to a plan.

Contract Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Contract Management.

New and changed functionality

- **Progress Payment Requests**
 - In the Contract Parameters (tpctm0100m000) session, these fields are added:
 - **Progress Payment Requests**
 - **Small Business**
 - The following fields are added to the Contracts (tpctm1100m000)/ Contract (tpctm1600m000) and Contract Lines (tpctm1110m000) sessions:
 - **Progress Payment**
 - **Progress Payment %**
 - **Progress Liquidation %**
 - **Invoicing Method**
 - **Payment Terms**
 - **Billable Cost Report**
- **Item Configuration on Contract Deliverables**
 - The following fields are added to the Print Contract Acknowledgments (tpctm1400m000) session:

- **Product Variant Options**
- **Product Variant Sales Price Structure**
- The **Product Variant** field and the following commands are added to the Contract Deliverables (tpdpm7100m100) session:
 - Configure Product Variant
 - Generate Product Structure
 - Product Variant Options
 - Product Variant Sales Price Structure
- **Fees and Penalties**

In the Print Contract Acknowledgments (tpctm1400m000) session, the **Fees and Penalties** check box is added.
- **Advance Payments**

In the Contract Parameters (tpctm0100m000) session, the **Use Advance Payments as** field is added.
- In Infor LN 10.4, to enable the user to create orders (purchase, sales, shopfloor, service, and warehousing) for contract/contract lines or deliverables with the status Free, in the Contract Parameters (tpctm0100m000) session, the **Allow New Orders for** group box is added with the following check boxes :
 - **Contracts with Status Free**
 - **Delivered Contract Deliverables**
- The **Advance Payment Type** field is added to the following sessions:
 - Contract (tpctm1600m000)
 - Contract Lines (tpctm1110m000)
- **Customer Furnished Material**

The Customer Furnished Materials (tpctm0150m000) session is added.
- **Contract Selection**

The Details... option is added to the **Contract** field (From and To) and Details... option is added to the **Contract Line** (From and To) field in the following sessions:
 - Print Contract Acknowledgments (tpctm1400m000)
 - Release Deliverables to Warehousing (tpctm1210m000)
- The following sessions are added:
 - Contract Selection (tpctm1800m000)
 - Contract Line Selection (tpctm1810m000)
- **Contract Interim Results**

The Contract Interim Results (tpctm0180m000) session is added.
- **Interim Results**

The **Interim Results** option with a check box is added to the Contract 360 (tpctm1300m000) session.

- **SF1433, SF1034, and SF1035**
Infor LN also allows the user to print a US specific invoice, Standard Form 1443 (SF1443) contractor's request for Progress Payment.
- You can print the SF 1034 and SF 1035 reports (as per the US Government requirements) for contracts. These reports include the total amount invoiced (SF1034) and the breakdown of the invoiced costs (SF1035), respectively.

Project Definition

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Project Definition.

New and changed functionality

- **Estimate Surcharges**
The **Estimate**, **Estimate Surcharge Method Cost**, and the **Estimate Surcharge Method Sales** fields are added to the following sessions (also to the details sessions):
 - Standard Surcharges by Cost Type and in General (tppdm1570m000)
 - Standard Surcharges by Cost Component (tppdm1571m000)
 - Standard Surcharges by Material (tppdm1572m000)
 - Standard Surcharges by Labor (tppdm1573m000)
 - Standard Surcharges by Equipment (tppdm1574m000)
 - Standard Surcharges by Subcontracting (tppdm1575m000)
 - Standard Surcharges by Sundry Cost (tppdm1576m000)
- **Fees and Penalties**
In the General Project Parameters (tppdm0100s000) session, these fields are added:
 - **Revenue Code for Fee**
 - **Revenue Code for Penalty**
 - **Fee Revenue Threshold**
- To indicate the probability that the fee and penalty is to be awarded to or levied on the contractor, the **Probability** field is added to the Fees and Penalties (tppin0180m000) session.
- To include the minimum percentage of fee revenue while generating the interim results, the **Fee Revenue Threshold** field is added to the following sessions:
 - General Project Parameters (tppdm0100s000)
 - Contract (tpctm1600m000)
 - Contract Lines (tpctm1110m000)
 - Contract History (tpctm1102m000)
 - Contract Line History (tpctm1112m000)

- **Cost Peg Audit History**
The Cost Peg Audit History (tpctm2500m000) and the Print Cost Peg Audit History (tpctm2400m000) sessions are added.
- **Progress Payments**
In the General Project Parameters (tppdm0100s000) session, the **Revenue Code for Progress Payment** field is added.
- **Billing Rates in Overheads**
The Overhead Application Bases History (tppdm2505m000) session is added.
- In the Overhead Application Bases (tppdm2100m000)/ Overhead Application Base (tppdm2600m000) sessions, these fields are added :
 - **Applied Rate** (check box)
 - **Billing Rate** (check box)
 - **Billing Percentage**
 - **Billing Rate**
 - **Authorization**

These options are added:

 - Close Base
 - Expire Base
 - Set to Draft
 - Activate
 - History
- **Calculation Method for Percentage of Completion**
The **Calculation Method** field is added to the following sessions:
 - Project (tppdm6600m400)
 - Project Interim Results (tppdm6103m000)
- **Contract Interim Results**
The new COGS (Cost of Goods) **Method**, **Percentage of Completion** and **Percentage of Completion** field for COGS are added to the following sessions:
 - Projects (tppdm6100m000)
 - Project Interim Results (tppdm6103m000)
 - Project (tppdm6600m400)

When calculating the COGS, Infor LN also considers the loss component.

- **Standard Structures**
To calculate the earned value of the project, in the Standard Activities (tppdm1110m000) session, the following fields are added:
 - **Start Percentage**
 - **End Percentage**
 - **Milestone Percentage**

These values are defaulted to the project activities related to the specified Earned Value Method.

- **OBS Functionality**
The organization breakdown structure functionality is applicable only if the **All Activity Types** check box is selected in the General Project Parameters (tppdm0100s000) session.

Estimating

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Estimating.

New and changed functionality

- **Estimate Surcharges**
 - The Calculate Estimate Surcharges (tpest2200m100) session is added.
 - The **Use Calculated Surcharges** field is added to the Estimate Versions (tpest1100m000) session.
 - The **Calculate Estimate Surcharges** option is added to the Estimate Lines (tpest2100m000) session.
- **RFQ Link to Project Estimate**
 - The Create Request for Quotation (tpest2200m200) session is added.
 - The Update Price, **Create Request for Quotation**, and the **Requests for Quotation** options are added to the Estimate Lines (tpest2100m000) session.

Project Budget

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Requirements Planning.

New and changed functionality

- **Budget cost items**
In the Element Budget (Material Lines) (tpptc1510m000), Activity Budget (Material Lines) (tpptc2110m000), Purchase-Budget Detail Line (tpptc4120s000) sessions, the user can also utilize items of the type Cost and Service.
- **Freeze Budget Adjustment**
The **Final** field is added to the Budget Adjustments (tpptc0170m000) session.

Planning

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Planning.

New and changed functionality

- **Default Plan and Repository Location**
The **Use Plan** group box is added to the Project Planning Parameters (tppss0100s000) session.
- The functionality of the **Repository Location** field is enhanced.
- **Task Name Based On**
The **Task name based on**, **Activity Code Custom Field Text**, **Activity Description Custom Field Text**, and **Activity Primary Key Custom Field Text** fields are added in the following sessions:
 - Project Planning Parameters (tppss0100s000)
 - External Scheduling Interface (tppss2231m000)
 - Project Selection (tppss2140m000)
- **Connection to a top level node**
The ESP Project Overview (tppss2531m000) session is added.
- The **Connection Node** field is added to the External Scheduling Interface (tppss2231m000) session.
- **Using LN calendars**
The **Use LN Calendars** field is added to the External Scheduling Interface (tppss2231m000) session.
- **Milestones**
The **Parent Activity** option is added to the Milestones (tppss2101m000) session.
- **Project Selection**
The Project Selection (tppss2140m000) session is added.
- The **Selection** and Disconnect options are added to the External Scheduling Interface (tppss2231m000) session.
- **Project Structure**
To calculate the earned value of the project, on the **Tracking** tab, in the Activities (tppss2100m000) session, the following fields are added:
 - **Start Percentage**
 - **End Percentage**
 - **Milestone Percentage**

Requirements Planning

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Requirements Planning.

New and changed functionality

- **Project pegging in PRP**
The **Pegging** field is added to the Planned PRP Warehouse Order (tppss6115m000) session.

Project Progress

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Project Progress.

New and changed functionality

- **Billable rate in overhead calculation**
You can differentiate the internal and external overheads using the applied and billing rates. In the Detailed Overhead Calculation Results (tpppc6110m000), and Calculate and Apply Overhead (tpppc6120m000) sessions, the following fields are added:
 - **Billing Percentage**
 - **Billing Rate**
 - **Billing Amount to be Applied**
 - **Calculated Billable Amount Year to Date**
 - **Previous Applied Billing Amount Year to Date**
 - **Currency**
- **Multiple functional currencies**
You can perform the cost corrections using historical rates defined for the project. Infor LN allows you to record the transactions in multiple functional currencies (local and reporting). The **Multi Currency** tab is added to the following sessions:
 - Sundry Costs (tpppc2191m000)
 - Interim Results (tpppc3150m000)
 - Revenues (tpppc3101s000)
- **Forecasting**
Cost Forecast check box is added to the **Posting Type** tab, in the Global Approving (tpppc4200m000) session, to the following group boxes.
 - **Material**
 - **Labor**
 - **Equipment**
 - **Subcontracting**

- **Sundry Cost**

- **Approve Forecast**

To approve the forecasted cost amount, the **Approved** check box is added to the following sessions:

- Material Cost Forecast (tpppc2116s000)
- Equipment Cost Forecast (tpppc2156s000)
- Subcontracting Cost Forecast (tpppc2176s000)
- Sundry Cost Forecast (tpppc2196s000)
- Labor Cost Forecast (tpppc2136s000)

- **Approve/unapprove Transactions**

To approve/unapprove the transactions, Approve and Unapprove options are added to the Reference menu, in the following sessions:

- Labor Cost Forecast (tpppc2536m000)
- Material Cost Forecast (tpppc2516m000)
- Equipment Cost Forecast (tpppc2556m000)
- Subcontracting Cost Forecast (tpppc2576m000)
- Sundry Cost Forecast (tpppc2596m000)

- **Workflow Status**

In Infor LN 10.4, you can approve the cost entries using the ION based workflow. The **Workflow Status** field is added to the following sessions.

- Approve Material Costs (tpppc4581m000)
- Approve Subcontracting Costs (tpppc4587m000)
- Approve Sundry Costs (tpppc4589m000)
- Approve Equipment Costs (tpppc4585m000)
- Approve Labor Costs (tpppc4582m000)
- Interim Results (tpppc3150m000)

- **Control Inquiries and Reports**

You can print the expected profit/loss report by contract or project. The following fields are added:

- **Contract** and **Project** options are added to the Expected Profit/Loss on Current Projects (tpppc4422m000).
- The Details... option is added for the Contracts field (From and To) and Details... option is added for the Contract lines (From and To) field to the Expected Profit/Loss on Current Projects (tpppc4422m000) session.

- **Financial Results**

You can generate interim results for contracts or projects. Infor LN allows you to view, modify, and process the calculated revenue recognition and view the totals of the revenue, cost, and balance for the selected interim result. The Generate Financial Interim Results (tpppc2260m000) session is replaced with Generate Interim Results (tpppc3250m000). The following sessions are added.

- Generate Interim Results (tpppc3250m000)
- Interim Results (tpppc3150m000)

- Financials by Contract (tpppc3150m100)
- Print Interim Results (tpppc3450m000)
- **Expired Sessions**
 - Generate IFRS WIP Balance (tpppc3260m000)
- Generate Financial Interim Results (tpppc2260m000)
- IFRS WIP Balance (tpppc3160m000)
- Print IFRS WIP Balance
- **Revenue Transactions**

When a project is not linked to a contract, Infor LN uses the project information (such as cost rate and sales rate) but not the data from the contract (rates, invoice type, and so on). Infor LN also allows you to create revenue transactions manually in the following sessions:

 - Revenues (tpppc3101s000)
 - Interim Results (tpppc3150m000)
- **MAUH**

LN considers the number of labor hours (instead of quantity), for the cost component of the cost type Labor, when calculating the cost and revenues for the project, in the following sessions:

 - Cost Transactions (tpppc2850m000)
 - Financial Transactions (tpppc2100m100)

Invoicing

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Invoicing.

New and changed functionality

- **Progress Payment Requests**
 - The Progress Payment Requests (tppin0170m000) and the Create Progress Payment Requests (tppin0270m000) sessions are added.
 - The **Progress Date** field is added to the following sessions:
 - Contract Billable Cost Lines (tppin1100m000)
 - Create Aggregated Billable Cost (tppin1200m000)
 - Cost-Plus Transactions to be Invoiced (tppin2100m000)
 - Not Billed field is renamed to **Suppressed for Next Cycle**
 - The **Suppressed for Next Cycle** option is added to the following sessions:
 - Cost-Plus Transactions to be Invoiced (tppin2100m000)
 - Material Transactions to be Invoiced (tppin2100m100)
 - Labor Transactions to be Invoiced (tppin2100m200)
 - Equipment Transactions to be Invoiced (tppin2100m300)

- Subcontracting Transactions to be Invoiced (tppin2100m400)
 - Sundry Cost Transactions to be Invoiced (tppin2100m500)
 - Overhead Transactions to be Invoiced (tppin2100m600)
- The Suppress Cost for Next Billing Cycle option is added to the Cost-Plus Transactions to be Invoiced (tppin2100m000) session.
- The **Progress Payments** check box is added to the Transfer Transactions to Invoicing (tppin4200m000) session.
- In Infor LN 10.4, the user can now print the progress billing invoices presented on a mandated SF1443 Contractors Request for Progress Payment form.
- The US Governments, can print a Standard Form 1034 and the continuation sheet, Standard Form 1035 , in case more lines are to be printed.

To print both these standard forms, the Infor Operational Reporting functionality is required.

- **Fees and Penalties**
 - The Fees and Penalties (tppin0180m000) session is added.
 - The **Fees and Penalties** check box is added to the Transfer Transactions to Invoicing (tppin4200m000) session.
 - In the Update Planned Invoice Dates (tppin4252m000) session:
 - The **Fees and Penalties** check box is added.
 - The From and To field, **Fees and Penalties** are added.
- **Advance Payments**
In the Advance Payments (tppin4110m000) session, **Advance Payment Type** field is added.
- **Contract Selection**
The Details... option is added to the **Contract** field (From and To) and Details... option is added to the **Contract Line** (From and To) field in the following sessions:
 - Create Aggregated Billable Cost (tppin1200m000)
 - Print Advance Payments (tppin4410m000)
 - Print Installments (tppin4451m000)
 - Generate Installments (tppin4251m000)
 - Generate Installments (tppin4251m000)
 - Transfer Transactions to Invoicing (tppin4200m000)
 - Create Progress Payment Requests (tppin0270m000)

Enterprise Planning

This topic lists the differences between Infor LN 10.3 and Infor LN 10.4 in Enterprise Planning.

New and changed functionality

New and changed functionality is described in these topics:

- *Quarantined Inventory in Enterprise Planning (p. 39)*
- *PCM controlled items in Enterprise Planning (p. 40)*

Quarantined Inventory in Enterprise Planning

Quarantine in Enterprise Planning

With the quarantine inventory functionality, both Order Planning and Master Planning must take the items from quarantine into account with the demand and supply calculations.

The demand/supply logic handles quarantine inventory as a receipt transaction. The new order type **Quarantine Inventory**.

If the warehouse parameter **Available for Planning** is cleared the new order type is ignored by the planning logic. If the parameter is selected quarantined inventory is taken into account when available material quantities are calculated.

Quarantine inventory is handled by Enterprise Planning as:

- **Blocked**
When the **Available for Planning** is cleared. The quarantine stock is not available for planning.
- **Due date**
The quarantined stock becomes available for planning on the due date.
- **Available**
The quarantined stock is available for planning.

PCM controlled items in Enterprise Planning

New functionality

If the end item is configured by PCM Configurator, the configuration models, generic bill of material (BOM) and routings are maintained within the PCM Configurator. No generic BOM and routing are present within LN.

For planning to be possible the customized item and its variant structure must be retrieved from PCM. To accommodate forecasting for PCM configured items, you must define a generic BOM and routing in LN for the item that are used only for planning purposes in Enterprise Planning.

If the item, BOM and routing configuration is performed within PCM Configurator, you can put an engineering hold on an item configuration. As long as the engineering hold is set to yes, the variant is considered invalid. Once the appropriate resource has completed the required activities or procedures leading to the lift of the engineering hold the product variant is updated to a valid status.

Possible availability checks for PCM configured items

Configured	Customized	Availability check
No	No	The check is performed based on a specific PCM configured item - generic BOM and generic routing.
Yes	No	If the product variant is valid, the retrieval of the variant structure from the PCM configurator that LN uses to identify the materials and capacity required. Once the variant structure is obtained, the check performed is equal to the checks performed for the PCF configured items.
Yes	Yes	No difference in the checking logic of ATP/CTP when compared to checks performed on PCF customized items.

New sessions

- **Planning - Generic BOM (cprpd3140m000)**
You can use this session to generate a generic BOM for a PCM configured item to set up planning and forecasting in Enterprise Planning.
- **Planning - Generic Routing (cprpd3150m000)**
You can use this session to generate a generic routing for a PCM configured item to set up planning and forecasting in Enterprise Planning.

Manufacturing

This topic lists the differences topics between Infor LN 10.3 and Infor LN 10.4 in Manufacturing.

New and changed functionality

New or changed functionality in Infor LN 10.4 is described in these topics:

- *Subcontracting (p. 45)*
- *Item configuration for contract deliverables (p. 48)*
- *Pegging (p. 51)*
- *Put away to Quarantine in Manufacturing (p. 43)*

Put away to Quarantine in Manufacturing

Put away to Quarantine

During the production process the quality of the end item is part of the process. In LN it was always possible to reject a certain quantity instead of reporting it complete. When this was done, the quantity disappeared from the operation and was in essence scrapped.

Because scrapping the rejected quantity is not always best option, in Infor LN 10.4 functionality is added to send end items that were rejected on a production order operation to a quarantine warehouse or a quarantine location in a normal warehouse. From this location the rejected items can be evaluated then reworked or reworked into new end items and scrapped if reworking is not possible or used as is.

The same functionality is available for the materials used in the manufacturing of the production order. Materials rejected from a production order can be scrapped or moved to quarantine.

Quarantine and WIP transfers

A quarantine receipt uses the effective cost competent structure for the financial transaction. The WIP transfer is used to translate the detailed cost component structure to an effective cost component structure. Because of this the quarantine receipt transaction is subtracted from the WIP transfer issue using a negative transaction.

Changed Shop Floor Control Parameters

The **Use Reason Codes for Rejected Items** parameter in the Shop Floor Control Parameters (tisfc0100s000) session is renamed **Use Reason Codes for Scrapped Items** to differentiate between the old functionality where all rejected items are scrapped, and the new functionality where rejected items are put in to quarantine.

The tab **Series** in the Shop Floor Control Parameters (tisfc0100s000) session is renamed **Miscellaneous**.

Fields changed

- **Production Order Distribution (tisfc0105m000)**
Quantity Rejected renamed to **Quantity Scrapped**
- **Production Planning (tisfc0110m000)**
Rejected renamed to **Scrapped**
Reject Reason renamed to **Reason for Rejects**
Quantity Rejected renamed to **Scrapped**
Planned Rejects Semi-Finished Product renamed to **Planned Scrap Semi-Finished Product**

New and changed fields and sessions

New fields

- **Shop Floor Control Parameters (tisfc0100s000)**
The **Split Order when Reporting Rejected Quantity** check box is added to allow for automatic splitting off quarantined quantities from production orders.
- **Production Orders (tisfc0101s000)**
The **Rejected** field is added to display the quantity of the production order that was rejected during the production proses.
- **Production Warehouse Orders (timfc0101m000)**
The **Quarantine** check box is added to display that a quantity of end items or materials on the production warehouse order is quarantined.
The **Operation** field is added to display which operation the quantity quarantined came from.
The **Location** field is added to display the location where the quarantined quantity is stored.

- **Production Orders (tisfc0501m000)**
The **Quantity Quarantined** is added to display the quantity quarantined for the production order.
- **Material to Issue Distribution (ticst0508m100)**
The **Quantity Quarantined** field is added to display the quantity of material that was quarantined.
- **Report Operations Completed (tisfc0130m000)**
The **Scrapped** field is added to display the quantity of the completed production order that was quarantined.

New sessions

- The Move Rejected End Item to Quarantine (tisfc0209m000) session is added to facilitate moving rejected end item quantities to quarantine warehouses or locations.
- The Scrap Rejected End Item (tisfc0211m000) session is added to facilitate scrapping rejected end item quantities.
- The Move Rejected Material to Quarantine (tisfc0212m000) session is added to facilitate moving rejected material quantities to quarantine warehouses or locations.
- The Scrap Rejected Material (tisfc0213m000) session is added to facilitate scrapping rejected material quantities.

Subcontracting

New and changed functionality

- In Infor LN 10.3 the **Subcontracting With Material Flow** functionality could be activated in the Implemented Software Components (tccom0100s000) session for the company, and for each end item individually during the configuration of the item production data.
In Infor LN 10.4 the **Subcontracting With Material Flow** functionality no longer requires the **Demand Pegging** parameter and the **Terms and Conditions** parameter to be selected. You can now use subcontracting with material flow in combination with **Project Pegging**.
In Infor LN 10.4 storing the subcontracting type on the production order, it becomes possible to easily check or uncheck the 'with material flow' option. When a new production order is created the item setting is copied to the production order.
- In Infor LN 10.3 it was not possible to select pegged production orders that are subcontracted with material flow. The restriction on these orders is lifted in Infor LN 10.4 for these sessions:
 - Subcontract Production Orders (tisfc2201m000)
 - Generate Subcontracting Purchase Documents (tisfc2250m000)
 - Order Distribution (tisfc0105m000)

Note

After an order is created it is no longer possible to modify the subcontracting type. If the production order has not yet been released, it can be deleted and created again to change the subcontracting type.

If project pegging is implemented for the shop floor order, using actual costs for completions is mandatory.

New and changed fields and sessions

- **Generate Subcontracting Purchase Documents (tisfc2250m000)**
You can now create purchase orders for subcontracting with material flow for pegging orders.
- **Production Order Distribution (tisfc0105m000)**
You can now specify project pegs for subcontracted operations with material flow.
- **Subcontract Production Orders (tisfc2201m000)**
You can now create purchase order with material flow.
- **Material Supply Lines (tirou2250m000)**
You can use this session to display material supply lines for subcontracting routing operation and subcontracting production order operations.

Product Configuration

Until now LN offered the use of an internal product configurator in the form of **Product Configurator (PCF)** and an external one in the form of the BuyDesign advanced configurator.

While configuration could take place in either of the configurators, the information required to handle the manufacturing process was stored only in the **Product Configurator (PCF)** module.

Changes in functionality

- In LN 10.3, the integration between LN and **PCM Configurator Integration** only allows for product configuration within **PCM Configurator Integration**. It is not possible to generate a customized BOM and routing once configuration is finished. A customized bill of material (BOM) and routing based on a product configuration must be performed in LN using **Product Configurator (PCF)**.
In LN 10.4 it is possible to use PCM for both item configuration as well as custom BOM and routing generation. The dependency between **Product Configurator (PCF)** and PCM is removed.
- In Shop Floor Control (SFC) generic items are used to represent the model for configurations. A new item code is created for each configuration called a customized item. This can be done in two ways: with project control and without. In LN 10.3 configuring without Project Control (PCS) is done by selecting the **Anonymous** policy with the resulting customized item having a **To Order** order policy.

In LN 10.4 configuring without PCS is done by clearing the **With PCS** check box. For generic shop floor items this check box defaults to *selected*.

- In LN 10.4 configurations that are build in SFC are handled by means of customized items. Two types of items can be used: customized item and customized standard item. If a shop floor item with the order policy **To Order** is entered, this item is customized either using a standard BOM (STO) or with a customized BOM and Routing (ETO). Both types of items will have the **Customized** check box selected.
- In LN 10.4 it is possible to change the user profile definition in the PCM Configurator User Profiles (tipcf0125m000). If a user has the authorisation, the user profile can be changed at each launch point for the PCM Configurator.
- In LN 10.3 while using PCF, customized item codes and customized BOM and routing can only be generated once the sales order reaches the status 'approved'.
In LN 10.4 the functionality as described for LN 10.3 remains accessible in case a BOM and routing must be generated for the PCM Configurator, but cannot be used to generate customized BOM and routing within PCM Configurator. It is now also possible to use the Generate (Project) Structure for Product Variant (tipcs2220m000) and Generate (Project PCS) Structure for Sales Orders (tdsls4244m000) to generate customized (end) items and related customized structures (BOM and routing).
- In LN 10.4 items configured by PCM Configurator can be grouped together in configuration groups. A group is set up in the same area in PCM and has the same settings.

Renamed functionality

The **Advanced Configurator Integration** parameter is renamed to **PCM Configurator Integration**.

New sessions

- **Check PCM Settings (tipcf3210m000)**
This session makes it possible to print a report of the configurator settings for a range of generic BOM items.

New and changed fields and sessions

The following parameters are added:

- **PCM Configurator Settings (tipcf0111m000)**
The **Structure by PCF** check box is added to indicate that while the configuration of the item is handled by PCM, the routing and BOM are generated in **Product Configurator (PCF)**.

The following fields are added to session:

- **Item - General (tcibd0101s000)**
The **Configurable** check box indicates that the item is configured and is part of a project or references a product variant.

The **Customized** check box indicates that the generated item has been customized from a generic item either through the **PCM Configurator Integration** or the **Product Configurator (PCF)**.

- **Item - Ordering (tcibd2100s000)**

The **With PCS** check box indicates that the configured item is part of a project. This check box is display only. The check box is automatically selected during item generation if a project segment code is filled in.

- **Item - Ordering Defaults (tcibd2101s000)**

The **With PCS** check box indicates that the configured item is part of a project. This check box is display only. The check box is automatically selected during item generation if a project segment code is filled in.

- **Generic BOMs (tipcf3110m000)**

The Check PCM Settings (tipcf3210m000) command is added that starts the Check PCM Settings (tipcf3210m000) session.

- **Product Variants (tipcf5501m000)**

The **Engineering Hold** check box is added to indicate if a product variant must be validated before it can be used.

The **Structure by PCF** check box is added to indicate that while the configuration of the item is handled by PCM, the routing and BOM are generated in **Product Configurator (PCF)**.

- **Product Variants (tipcf5101s000)**

The **Structure by PCF** check box is added to indicate that while the configuration of the item is handled by PCM, the routing and BOM are generated in **Product Configurator (PCF)**.

Item configuration for contract deliverables

New Functionality

You can now configure generic items from a contract deliverable. The product variant resulting from configuration is stored on the contract deliverable and can be reused on the same contract.

The generic item attached to a contract deliverable can be turned into a customized item before the deliverable status is set to **Active**. The items must have the **Order Policy To Order** with **With PCS** set to **No** for configuration to a customized item. Customized items that have a PCS project are not supported.

The **Inherit Project Peg** and **Mandatory Project Peg** check boxes are now available for generic items in the Items - General (tcibd0501m000) session if these condition are met:

- The **Default Supply Source** is **Shop Floor**
- The **Order Policy** is **To Order** with **With PCS** set to **No**

Before LN 10.4	
<i>Item</i>	<i>Order Policy</i>
PWP Item	Anonymous
PCS Item	To Order

LN 10.4		
Item	Order Policy	With PCS
PWP Item	To Order	No
PCS Item	To Order	Yes

New and changed fields and sessions

- **Product Variants (tipcf5101s000)**
A **Reference Type** option is added. It is now possible to have product variants that reference a **Contract Deliverable**.
- **Generic BOMs (tipcf3110m000)**
The Check Project Peg Indicators command is added.

New sessions

- **Check Project Peg Indicators (tibom1222m000)**
Use this session to check if project pegs from a manufactured item or generic item are inherited by the relevant components in an exploded bill of material (BOM).

Actual Costing

New and changed functionality

- If **Use Actual Cost Price for Receipt Posting** is selected together with **Financial Transactions by Work Center** the costs for WIP transfers are calculated using actual costs. The effective cost component structure of the end item is used to calculate the costs.

The actual value of the WIP transfers amounts is calculated by selecting all incoming financial transaction related to the operation set minus the outgoing financial transactions. The result is multiplied by the current receipt quantity divided by the total quantity received.

All costs that are not already transferred to the effective cost component structure of the end item are handled using a completion transaction. The receipt transaction with the cost on cost component level is now possible.

- In Infor LN 10.4 it is possible to use **Subcontracting With Material Flow** in combination with actual costing.

If items with operation subcontracting with material flow is implemented, the semi-finished manufactured end items produced prior to the subcontracting operation are sent to the subcontractor, the value of this subassembly item is based on the actual production order costs incurred up to the subcontracting operation.

Once the subcontracting activities are done, the work in progress is received back from the subcontractor. The work in progress received from the subcontractor is represented by means of a subassembly item with a different item code from the outgoing subassembly. In terms of value, the incoming subassembly reflects the actual production order costs up to the operation following the subcontracting operation on the production order. This includes the work in progress that was sent to the subcontractor, the amount to be paid for subcontracting activities and the costs of additional materials owned by the manufacturer.

As subassemblies can be delivered from shop floor inventory through partial receipts, each time one or more subassemblies are delivered from shop floor to inventory, the appropriate portion of the actual production order costs incurred is added to the subcontracting WIP value for the outgoing subassembly.

- **New sessions**

- **Subcontracting WIP (ticst0607m000)**

- You can use this session to view the various subcontracting costs. This is an overview session that refers to the following session: Subcontracting WIP Actual Amounts

- (ticst0509m000), Subcontracting WIP Amounts (ticst0580m000) and Subcontracting WIP Actual Amounts by Project Peg (ticst0509m100) sessions.

- **Subcontracting WIP Actual Amounts (ticst0509m000)**

- You can use this session to view the subcontracting WIP actual amounts.

- **Subcontracting WIP Amounts (ticst0580m000)**

- You can use this session to view the amounts that are used to create financial transactions related to subcontracting.

- **Subcontracting WIP Actual Amounts by Project Peg (ticst0509m100)**

- You can use this session to view the actual costs of the subcontracting WIPs by project peg.

Pegging

New Functionality

Before Infor LN 10.4 the effectivity units assigned to a project pegged distribution could only be zero or one. This limitation was removed in Infor LN 10.4 allowing you to prioritize inside of the production order.

The effectivity unit was removed from the material line to the level of the material distribution line. Multiple effectivity units can be used in one production order.

If the concept of costing breaks is implemented, non-pegged materials have a project peg distribution if they are part of a project pegged production order. The peg distribution holds the pegs for posting the cost to the project cost account at the moment of material issue. In case of costing breaks, the cost peg for the material could differ from the cost peg on the production order. In this case the material has a soft peg distribution and the corresponding material line on the subcontracting purchase order.

Procurement

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Procurement.

New or changed functionality in is described in these topics:

- Purchase requisition workbench
- *Landed costs on RFQs (p. 54)*
- *Comparing RFQ responses (p. 54)*
- *Operation subcontracting with material flow for requisitions and RFQs (p. 56)*
- *Service subcontracting (p. 57)*
- *Material consumptions and backflushing for item subcontracting (p. 58)*
- *Valuation of costs and hours for item subcontracting (p. 59)*
- *Project pegging for subcontracting with material flow (p. 59)*
- *Status of purchase document by peg (p. 61)*
- *Auditing peg changes in purchase documents (p. 62)*
- *Conformance reporting (p. 61)*
- *Purchase orders and supplier stage payments (p. 65)*
- *Purchase return rejections from quarantine inventory (p. 65)*
- *Maximum contract quantity and purchase schedules (p. 66)*
- *Deleting schedule lines with dates in the past (p. 67)*
- *Deleting purchase release revisions (p. 67)*
- *Material prices on purchase documents (p. 68)*

Purchase requisition workbench

Infor LN 10.4

The new Purchase Requisition Conversion Workbench (tdpur8360m000) provides easy access to information and accelerates the process of requisition conversion. You can use this workbench to process

several requisitions simultaneously. The workbench provides buyers with more control and access to the requisitions.

Landed costs on RFQs

In Infor LN 10.4, you can use landed costs with requests for quotation (RFQs).

The new **Apply Landed Costs on Request for Quotation** check box in the Landed Costs Parameters (tclct0100m000) session determines if landed costs can be linked to an RFQ.

Landed costs can be charged by the supplier of the goods (bidder), and also by a third party supplier, such as the carrier responsible for the transport of the goods. Bidder landed costs can be negotiated in the RFQ negotiation process. Third party landed costs cannot be negotiated.

LN considers the bidder and third party landed costs when comparing and ranking the received RFQ responses.

Note

- An RFQ includes these objects: RFQ header, RFQ line, RFQ bidder, RFQ response, and RFQ negotiation. Landed costs can be linked only to an RFQ bidder, RFQ response, and RFQ negotiation.
- You can view the bidder landed costs and the third party landed costs separately for the linked landed costs in the RFQ Responses (tdpur1506m000), RFQ Negotiations (tdpur1606m000), and RFQ Negotiations (tdpur1109m000) sessions.

For more information, refer to Landed costs – requests for quotation (RFQs).

Comparing RFQ responses

Infor LN 10.3

You can compare RFQ response from different bidders based on a (variable) set of objective and subjective criteria. You can select the most attractive bid.

Infor LN 10.4

Several usability improvements are made to the RFQ comparison functionality and the comparison criteria are extended.

In Infor LN 10.4, you can start comparing and ranking the RFQ responses from the RFQ line, RFQ bidder, and RFQ response sessions. You can compare response lines with the **Responded**, **Negotiating**, or **Accepted** status.

The response lines are compared and ranked based on:

- Objective and subjective criteria, if a criteria set is specified on the RFQ.
- Prices and amounts. Prices and amounts can also include landed costs (bidder and third party).

Note

Although no criteria set is required for a comparison based on prices and amounts, you can also specify prices as criteria in a criteria set.

New sessions

RFQ Criteria Set (tdpur1690m000)

This session includes the following sessions:

- RFQ Criteria Sets (tdpur1190m000) (header)
- RFQ Criteria by Criteria Set (tdpur1192m000) (satellite)
- RFQ Criterion Scoring Schemes (tdpur1193m000) (satellite)

RFQ Compare Responses (tdpur1600m100)

Use this session to compare the response lines for an RFQ. It includes these satellite sessions:

- **RFQ Compare Responses Based on Criteria Set (tdpur1511m000)**
For each compared response line, the score is displayed by criteria set. The ranking of the lines is based on the total score for each line.
- **RFQ Compare Responses Based on Prices (tdpur1511m100)**
For each compared response line, the **Net Price**, **Net Bidder Price**, and **Net Purchase Price** are shown. By default, the ranking of the lines is based on the net price, but you can change this.
- **RFQ Compare Responses Based on Criteria Set Grouped by Bidder (tdpur1511m200)**
For each bidder, the score is displayed by criteria set. The ranking of the lines is based on the total score for each bidder. If the **All lines included** check box is selected, a bidder responded on all requested items. Bidders who responded on all items rank higher than bidders who did not.
- **RFQ Compare Responses Based on Amounts Grouped by Bidder (tdpur1511m300)**
For each bidder, the sum of the prices converted to amounts is displayed. Because different RFQ lines can have different units, the responses are compared based on amounts. By default, the ranking of the lines is based on the net amount, but you can change this. The **All lines included** check box is also available in this session.

History and print sessions

The following sessions are new:

- RFQ Compare Responses History (tdpur1650m100)
- RFQ Compare Responses Based on Criteria Set History (tdpur1561m000)

- RFQ Compare Responses Based on Prices History (tdpur1561m100)
- RFQ Compare Responses Based on Criteria Set Grouped by Bidder History (tdpur1561m200)
- RFQ Compare Responses Based on Amounts Grouped by Bidder History (tdpur1561m300)
- Print RFQ Compare Responses (tdpur1411m000)

New fields

- **Apply Payment Terms Discount for Price Comparison**
In the Requests for Quotation (tdpur1501m000) session, this check box indicates if payment terms must be included in the RFQ comparison, and therefore, if the prices and scores on the compared lines include a payment terms discount.
- **Score Date and Score Actual**
In the Request for Quotation Lines (tdpur1502m000) session, these fields indicate when the last score was calculated and if the score is actual for an RFQ line.

Expired sessions and command

- **Sessions**
Compare RFQ Responses (tdpur1110m000)
- Subjective Scoring Values (tdpur1193m100)
- RFQ Response Ranking based on Total Amount (tdpur1805m000)
- RFQ Response Ranking based on Criteria Set (tdpur1806m000)
- **Command**
Import Subjective Criteria of a Set in the RFQ Response - Subjective Criterion Scores (tdpur1195m000) session. The criteria are now automatically imported by LN.

Operation subcontracting with material flow for requisitions and RFQs

Infor LN 10.3

Operation subcontracting without material flow is possible for purchase requisitions, requests for quotation (RFQs), and purchase orders. Consequently, these purchase documents can include subcontracted service items.

Operation subcontracting with material flow is not supported for purchase requisitions and RFQs.

Infor LN 10.4

Operation subcontracting *with* material flow is introduced for purchase requisitions and requests for quotation (RFQs).

Consequently, from a [routing operation](#) or [production order](#), apart from generating requisitions for subcontracted service items, you can also generate requisitions for **Purchased** or **Manufactured** items with linked material supply information. These requisitions can also be converted to an RFQ.

New fields

The **Subcontracted** field is added to these sessions:

- Purchase Requisition Lines (tdpur2502m000)
- Request for Quotation Lines (tdpur1502m000)
- RFQ Responses (tdpur1506m000)

The **Material Supply Information** field is added to these sessions:

- Linked Requisition Line Data (tdpur2502s000)
- Linked RFQ Data (tdpur1502s000)

The **Estimated Material Line Number** field is added to these sessions:

- Linked Requisition Line Data (tdpur2502s000)
- Linked RFQ Data (tdpur1502s000)

New command

The **Material Supply Information** option, which starts the Material Supply Lines (tirou2250m000) session, is added to these sessions:

- Linked Requisition Line Data (tdpur2502s000)
- Linked RFQ Data (tdpur1502s000)

For more information, refer to Operation subcontracting in Procurement.

Service subcontracting

Infor LN 10.3

If an organization that is responsible for maintenance, upgrades, or repairs, allots another company (the subcontractor) to maintain, repair, or upgrade the item, you can generate a purchase order from Service. The supply of the item that must be repaired, or the components, is not supported.

Infor LN 10.4

[Service subcontracting](#) with and without material flow is available for purchase requisitions, requests for quotation (RFQs), and purchase orders.

To hire a subcontractor to maintain, repair, or upgrade an item, you must first specify the activities for the work order or service order in Service from which a [purchase requisition](#) or purchase order can be generated in Procurement. For depot repair and field service, material can be supplied to the subcontractor. For depot repair, the item can also be supplied.

Lot-controlled and serialized items can be sent to the subcontractor, even if the item is customer owned. If the service activities must be performed at the customer's address, and not at the subcontractor's address, the supply orders can be shipped to a specific address, instead of to the administrative warehouse's address. To select the best combination of subcontractor and price, you can use a request for quotation (RFQ) that results from a converted subcontracting purchase requisition, generated by Service.

To retrieve service subcontracting prices, you can specify pricing data specific to service subcontracting.

For more information, refer to:

- Service subcontracting in Procurement
- Subcontracting purchase prices

Material consumptions and backflushing for item subcontracting

The Purchase Order Material Supply Lines (tdpur4116m000) session includes the material supply lines linked to a subcontracted purchase order line, indicating all materials and subassemblies that are supplied by you (the manufacturer or service organization) to the subcontractor. How the purchase order material supply lines are handled in this session, depends on the type of subcontracting and material-consumptions update.

This topic only applies to item subcontracting and the update of material consumptions using backflushing in the Purchase Order Material Supply Lines (tdpur4116m000) session.

Infor LN 10.3

Backflushing occurs during the receipt of the subcontracted (end) items. Therefore, in the Purchase Order Material Supply Lines (tdpur4116m000) session, the **Consumed Quantity** field is automatically updated during the receipt of the subcontracted (end) items. However, you can also manually update the consumption quantity in this field.

Infor LN 10.4

To simplify backflushing and the calculation of consumed and open quantities in the PIT, these fields are added to the Purchase Order Material Supply Lines (tdpur4116m000) session:

- **Backflush Consumption Quantity**
- **Expected Backflush Consumption Quantity**
- **Adjustment Consumption Quantity**

In the Purchase Order Material Supply Lines (tdpur4116m000) session, the **Consumed Quantity** field includes the sum of the **Backflush Consumption Quantity** and **Adjustment Consumption Quantity** fields. You can no longer make manual changes to this field.

Valuation of costs and hours for item subcontracting

Infor LN 10.3

If, for item subcontracting, components are required by the subcontractor to create the end item, the fixed transfer price (FTP) is used to assign the costs of the supplied components to the end-item.

Infor LN 10.4

You can determine the process to assign the costs of the supplied materials to the received end item's inventory value for integration transactions of the type **Subcontracting WIP**. The **Valuation for Subcontracting WIP** parameter in the Purchase Order Parameters (tdpur0100m400) session is added to support this functionality.

An end item's inventory value is calculated based on these methods for the supplied materials:

- **Standard Costs**
The fixed transfer price (FTP) method is used, wherein the inventory value is calculated against standard costs and with a standard number of hours.
- **Actual Costs**
An actual costing method is used, wherein the inventory value is calculated against actual receipt prices and actual production hours.

For all material supply lines that are linked to a specific purchase order in the Purchase Order Material Supply Lines (tdpur4116m000) session, the method can either be **Standard Costs** or **Actual Costs**.

The Material Integration Transactions (tdpur4566m000) session includes the integration transactions for material supply lines. If the **Show Hours in Costing** check box is selected in the Implemented Software Components (tccom0100s000) session, these new fields are displayed in the Material Integration Transactions (tdpur4566m000) session:

- **Hours From**
- **Hours To**

Project pegging for subcontracting with material flow

Infor LN 10.3

Project pegging for operation subcontracting without material flow is available, which means purchase objects that include subcontracted service items can be pegged.

Project pegging for subcontracting with material flow is not supported.

Infor LN 10.4

Project pegging for subcontracting *with* material flow is introduced.

Items and operations can be subcontracted through project pegged orders. In case of a project pegged order, a peg distribution is linked to a **Purchase Order Material Supply Line** in the Purchase Peg Distribution (tdpur5100m000) session. For a specific purchase order line (detail) and material sequence, the material supply line's **Order** and **Consumption** quantities are distributed across distribution lines for combinations of project/budget, project element and/or project activity. The peg information in the Purchase Peg Distribution (tdpur5100m000) session includes the line number for the peg in the distribution, the peg (project, element, activity), and the material supply line quantity by peg. The peg distribution cannot be manually created or updated. It is always generated and updated by its parent.

You can specify whether project pegged or anonymous inventory is used when issuing components to the subcontractor.

New session

Purchase Order Material Supply Line History (tdpur4557m000)

New fields

In the Purchase Order Material Supply Lines (tdpur4116m000) session:

- **Peg Distribution**
- **Project Pegged Inventory**

In the Material Integration Transactions (tdpur4566m000) session:

- **Distribution Line**
- **Project**
- **Element**
- **Activity**

In the Purchase Peg Distribution (tdpur5100m000) and Procurement Data by Project Peg (tdpur5500m000) sessions:

- **Supply Quantity**
- **Consumed Quantity**
- **Backflush Consumption Quantity**
- **Expected Backflush Consumption Quantity**
- **Parent Distribution Line**

New commands

In the Purchase Order Material Supply Lines (tdpur4116m000) session:

- Peg Distribution
- Material Supply Line History

For more information, refer to Pegging material supply lines for operation and item subcontracting.

Status of purchase document by peg

In Infor LN 10.4, the **Status** field is added to the Procurement Data by Project Peg (tdpur5500m000) session.

For a purchase document that is linked to a peg, this new field shows the status or the next activity to be executed for the purchase document.

Example

Project	P00004
Element	E00567
Activity	A45634

Document			Status
Purchase order line	PO33997	10/1	Approve Purchase Orders
Requisition line	REQ30456	20	Created
RFQ line	RFQ31552	20/0	In Process

For more information on the status or next activity, refer to the purchase document's session. You can start a document's session by clicking **Open Document** on the appropriate menu of the Procurement Data by Project Peg (tdpur5500m000) session.

Conformance reporting

Infor LN 10.4

Before shipment of an item, it may be required for a supplier or an approved third party to perform a source inspection on the item.

Inspecting items before shipment can be useful if:

- An item's compliance to standards cannot be verified by the receiving business partner
- The shipped items are assemblies comprised of component parts that cannot be verified except when unassembled

- Outsourcing/improved scheduling of parts is applicable
- Source inspection is part of a supplier audit procedure, such as First Article Inspection

To indicate that item inspection before shipment is required, conformance reporting is introduced. A purchase order can now include a conformance reporting code, which indicates that the item on the purchase order requires a conformance document check at source inspection.

The conformance document check can be performed in Quality or in Warehousing. A document can be processed after inspection only if it is accepted.

You must set up conformance reporting in Quality. For more information, refer to *Product Testing and Control* (p. 112) .

Conformance Reporting field in Procurement

In Procurement, the **Conformance Reporting** field is added to these sessions:

- Items - Purchase Defaults (tdipu0102m000)
- Items - Purchase (tdipu0101m000)
- Items - Purchase Business Partner (tdipu0110m000)
- Purchase Contract Lines (tdpur3101m000)
- Purchase Contract Line Details (tdpur3101m100)
- Purchase Contract Line - History (tdpur3551m000)
- Purchase Schedule Line History (tdpur3561m000)
- Purchase Order Lines (tdpur4101m000)
- Purchase Order Line Details (tdpur4101m200)
- Purchase Receipts (tdpur4106m000)
- Purchase Order Line History (tdpur4551m000)
- Purchase Order Line (tdpur4601m000)
- Print Purchase Orders (tdpur4401m000)

Auditing peg changes in purchase documents

In Infor LN 10.4, project peg auditing allows you to track manual actions that affect peg distributions in pegged documents. Project peg audit change reason codes are used to register why project pegs were manually added, removed, or changed. The information is logged centrally for analysis.

If the new **Manual Project Peg Modification** check box is selected in the Project Pegging Parameters (tcpeg0100m000) session, for *manual actions* that affect a peg distribution, you must specify a change reason code in the pegged purchase document. The reason code must be of the type **Project Peg Audit History** and is logged in the Cost Peg Audit History (tpctm2500m000) session.

The reason code applies to the entire peg distribution (all lines). So, when you change a single line in a peg distribution, the reason code is applied to all pegs in the peg distribution.

Example: A purchase order line has three distribution lines. If you change distribution line 1 and specify a change reason code, three distribution lines are logged in the Cost Peg Audit History (tpctm2500m000) session with the same reason code. Next, if you change distribution line 2 and specify a reason code, three distribution lines are logged, with the change reason code of line 2.

If a change reason is required, a message is displayed. Depending on the session, you must specify the change reason either in a field or in a related window. If you do not specify a change reason, you cannot save the pegged purchase document.

The following table shows the sessions from which a peg distribution can be affected by a manual action, which means a change reason code is required. This table also shows whether the reason code must be specified in a field or in a **Select Change Reason for Cost Peg Audit History** window:

Manual action in session	Specify change reason in pop-up window	Specify change reason in field
Purchase Peg Distribution (td-pur5100m000)	-	Change Reason Lines
Request for Quotation Lines (td-pur1502m000)	yes	-
Purchase Requisition Lines (td-pur2502m000)	yes	-
Prepare Conversion Purchase Requisition Lines (td-pur2502m100)	yes	-
Purchase Order Lines (td-pur4101m000)	yes	-
Purchase Order Line Details (td-pur4101m200)	yes	-
Purchase Order Line Quantities and Dates (tdpur4101m300)	yes	-
Potential Purchase Back Orders (tdpur4101m700)	yes	-
Purchase Schedule Lines (td-pur3111m000)	yes	-
Purchase Order Lines (td-pur4535s000)	yes (when copying a pegged order line to a return order)	-
Copy Purchase Requisitions (td-pur2204s000)	-	Peg Change Reason
Copy Purchase Order (td-pur4201s000)	-	Peg Change Reason
Copy BOM Components to Order (tdpur4812s000)	-	Peg Change Reason

Split Line (tdpur4000s000)

-

Peg Change Reason

Note

If a peg distribution is deleted completely for a parent line, no audit information is logged.

Purchase orders and supplier stage payments

For a purchase order line that has linked supplier stage payments, the following is new in Infor LN 10.4:

- **Total stage payment amount**
The **Stage Payment Amount** field is added to the Purchase Order Lines (tdpur4101m000) session, which includes the total amount of supplier stage payments linked to the purchase order line.
- **Purchase order (line) status change for updated stage payments**
If a purchase order line is approved and you change the **Description**, **Amount**, or **Due Date** fields of the linked supplier stage payments in the Supplier Stage Payments (tdpur5120m000) session, a status change is applicable for the purchase order.
LN performs the following:
 - a. Sets the **Status** of the purchase order to **Modified**. However, if the purchase order is too far in the receipt procedure, the purchase order status remains unchanged.
 - b. Sets the status of the Print Purchase Orders (tdpur4401m000) activity to **Changed** in the Purchase Order Line Status (tdpur4534m000) session, which indicates that the purchase order is changed and must be reprinted. You can start the Purchase Order Line Status (tdpur4534m000) session by clicking **Purchase Order Line Status** on the appropriate menu of the Purchase Order Lines (tdpur4101m000) session.

Purchase return rejections from quarantine inventory

Infor LN 10.3

You can return quarantine inventory to the supplier by generating a purchase return order from a purchase document, such as a purchase order, or purchase schedule. The return order is linked to the original purchase document.

Infor LN 10.4

To return production materials to buy-from and ship-from business partners, you can generate purchase return orders from quarantine inventory, without a link to an original purchase document.

To enable this, the following must be applicable:

- A value must be specified in the new **Order Type for Return Rejection** and **Order Series for Return Rejection** fields of the Purchase Order Parameters (tdpur0100m400) session
- The **Disposition** field must be set to **Return to Vendor** in the Quarantine Inventory Disposition (whwmd2172m000) session

After marking one or more disposition lines in the Quarantine Inventory Disposition (whwmd2172m000) session, click **Process** on the appropriate menu to generate a purchase return order of the type **Return Rejects** in the Purchase Order (tdpur4100m900) session.

To validate the business partner, LN verifies whether the combination of item, and buy-from/ship-from business partner of the disposition line(s) is available in the purchase order actual or history data. If not, a warning message is displayed.

After a return order is generated, the return order number is displayed on the **Disposition Order** tab in the Quarantine Inventory Disposition (whwmd2172m000) session.

You must approve the purchase return order to start the (regular) outbound procedure.

Maximum contract quantity and purchase schedules

Infor LN 10.3

During the process of linking a purchase order line to a purchase contract line, LN verifies whether the maximum contract quantity is reached for the contract line. If this quantity is reached, depending on the **Action on Exceeding Maximum Quantity** field in the Purchase Contract Parameters (tdpur0100m300) session, LN either skips or links the contract line. You can also manually skip or link the same.

In the purchase schedule process, the maximum contract quantity is not checked.

Infor LN 10.4

The following is new:

- The maximum contract quantity is also checked when linking the contract line to a purchase schedule (line).
- If the maximum contract quantity is reached, the action to be executed is retrieved from the purchase contract line.
- You can specify a tolerance for the maximum contract quantity. If the quantity is within the tolerance limit, the contract line can be used. However, a warning message is displayed. If the quantity exceeds the tolerance limit, the contract line is skipped and an error message is displayed.

Because of this functionality, the **Action on Exceeding Maximum Quantity** and **Maximum Quantity Tolerance** fields are added to the Purchase Contract Lines (tdpur3101m000) and Purchase Contract Line Details (tdpur3101m100) sessions.

These fields are also added to the Purchase Contract Line - History (tdpur3551m000) session.

Deleting schedule lines with dates in the past

Infor LN 10.3

If purchase schedule lines are generated by Enterprise Planning, schedule lines with dates in the past (lapsed) and quantities that are no longer required can exist. Infor LN generates planning messages that prompt the planner to delete these schedule lines.

Note

By default, Infor LN does not delete these lines.

Infor LN 10.4

To avoid the time-consuming activity of manually deleting schedule lines with dates in the past, the **Delete Past Schedule Lines** check box is added to these sessions:

- Items - Purchase Business Partner (tdipu0110m000)
- Purchase Contract Line Logistic Data (tdpur3102m000)
- Purchase Contract Line Logistic Detail Line (tdpur3102m100)

If this check box is selected, the schedule lines are deleted by Enterprise Planning.

If this check box is cleared, planning messages are generated informing a planner to manually delete the schedule lines.

Note

You can select the **Delete Past Schedule Lines** check box, only if the **Frozen Period for Decreasing Qty** field is zero in the Items - Purchase Business Partner (tdipu0110m000), Purchase Contract Line Logistic Data (tdpur3102m000), or Purchase Contract Line Logistic Detail Line (tdpur3102m100) sessions.

Deleting purchase release revisions

Infor LN 10.4

You can use the Delete Purchase Revisions (tdpur3222m200) session to delete purchase release revisions with the **Sent** status.

To also delete revisions with a status of **Created** or **Scheduled** that include (to be) terminated schedules, the **Include Unsent Releases for Terminated Schedules** check box is added to the Delete Purchase Revisions (tdpur3222m200) session.

If this check box is selected, the following conditions must be applicable before you can delete **Created** or **Scheduled** releases:

- The linked schedules have the **Termination in Process** or **Terminated** status.
- The schedules with the **Termination in Process** status do not include open schedule lines. Therefore, the status of the schedule lines is **Canceled**, **Final Receipt**, **Invoiced**, or **Processed**.

Note

This check box is also backported to the Delete Purchase Revisions (tdpur3222m200) session in Infor LN 10.2.1 and Infor LN 10.3.

Material prices on purchase documents

In Infor LN 10.4, the **Material Pricing** module is added to the Infor LN menu under Common. For more information, refer to *Material Pricing* (p. 14) .

If the **Material Pricing in Procurement** check box is selected in the Material Price Parameters (tcmpr0100m000) session and you specified the **Material Pricing** master data, material prices can be automatically calculated and included in the (document line) price on requests for quotation (RFQs), purchase orders, purchase contracts, and purchase schedules.

New fields

The **Material Price** group box is added to many sessions across Procurement. This group box includes the following fields for a purchase document line:

- **Price**, which is the document line price
- Material price
- **Price excluding Material Price Surcharges**, which is the initial price
- **Material Price Surcharges**, which totals the material price surcharge and material price surcharge costs
- **All Materials have Actual Prices**, which indicates if for all materials that are linked to a purchase document line, material actual prices are available

Note

The price on a response line or purchase contract line always excludes material price surcharges. Surcharges are calculated for the resulting purchase order line or schedule line.

New commands

The following commands are added to the appropriate menu of many sessions in Procurement:

- **Material Price Information**
Starts the Material Price Information (tcmpr1600m000) session in which you can view or update the material price information that is linked to the purchase document
- **Material Price Information History**
Starts the Material Price Information History (tcmpr1550m000) session in which you can view the material price information history for a purchase document.

For more information on using material prices for a purchase document, refer to:

- Material price information – requests for quotation (RFQs)
- Material price information – purchase orders
- Material price information – purchase contracts
- Material price information – purchase schedules

Warehousing

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Warehousing.

New or changed functionality is described in these topics:

- *Quarantine inventory (p. 71)*
- *Warehousing inspections (p. 74)*
- *Shipment acceptance (p. 75)*
- *Receipt line peg distribution audit (p. 75)*
- *Project peg audit (p. 75)*
- *Cost peg change reasons (p. 78)*
- *Warehouse capacity location (p. 79)*
- *Kanban parameters (p. 79)*
- *Lot and serial registration for handling units (p. 76)*
- *Receipt and transfer of mixed handling units (p. 76)*
- *Handling unit cycle-counting process (p. 77)*
- *Multiple lots and serials when shipping a handling unit (p. 77)*
- *Not shipped handling units (p. 78)*
- *Inventory views by warehouse and handling unit (p. 78)*

The remaining differences are described in:

- *Warehouse Orders (p. 79)*
- *Warehousing Master Data (p. 81)*
- *Lot Control (p. 84)*
- *Inventory Analysis (p. 83)*

Quarantine inventory

In Infor LN 10.4, the functionality for rejected inventory handling is changed. Rejected inventory handling is renamed to Quarantine inventory.

This functionality can now be launched for goods rejected during inbound or outbound inspection after warehouse:

- Issues for sales orders and sales schedules
- Receipts for sales order returns
- Receipts and issues for Enterprise Planning distribution orders
- Receipts and issues for Warehousing transfer orders
- Issues for components to Manufacturing
- Receipts of end products or components returned from Manufacturing

Quarantine inventory also supports handling of items rejected upon completion of a production operation that are sent to quarantine without undergoing a warehouse inspection first.

For items in quarantine, the following disposition decisions are available:

- **Use As Is**
- **No Fault Found**
- **Scrap**
- **Return to Vendor**
- **Rework (to Existing Specification)**
- **Rework (to New Specification)**
- **Reclassify**

If Non-conformance materials reporting (NCMR) is activated in Quality and the quarantine functionality is activated in Warehousing, quarantine handling is managed from the NCMR report.

The following sessions are added:

- Quarantine Inventory (whwmd2171m000)
- Quarantine Inventory (whwmd2671m000)
- Quarantine Inventory Disposition (whwmd2172m000)
- Delete Quarantine Inventory (whwmd2271m000)
- Move Quarantine Inventory (whwmd2271m100)
- Split Quarantine Inventory Disposition (whwmd2272m100)
- Quarantine Inventory Disposition (whwmd2172m000)
- Disposition (whwmd2272m200)
- Handling Unit Process Quarantine (whwmd2173m000)
- Quarantine Inventory Handling Units (whwmd2574m000)

The following sessions are modified:

- Warehouse Inspections (whinh3122m000)
- Warehouse Inspection (whinh3622m000)
- Inspection Lines (whinh2131m000)
- Inventory Handling Parameters (whinh0100m000)
- Handling Unit Tree
- Perform Inventory Valuation (whina1210m000)
- Print Inventory Revaluation Transactions (whina1422m000)

- Inventory Revaluation Transactions (whina1522m000)
- Warehousing Orders (whinh2100m000)
- Inbound Order Lines (whinh2110m000)
- Outbound Order Lines (whinh2120m000)
- Inbound Order Line Peg Distribution (whinh2180m000)
- Inbound Order Line Peg Distribution (whinh2680m000)
- Outbound Order Line Peg Distribution (whinh2690m000)
- Outbound Order Line Peg Distribution (whinh2190m000)
- Outbound Order Line BOM (whinh2527m000)
- Warehousing Orders History (whinh2550m000)
- Outbound Order Line BOM History (whinh2577m000)
- Inbound Order Line Peg Distribution History (whinh2585m000)
- Outbound Order Line Peg Distribution History (whinh2595m000)
- Receipt Line Lots and Serials (whinh3123m000)
- Receipt Line Ownership (whinh3521m000)
- Receipt Line Peg Distribution (whinh3528m000)
- Receipt Line Peg Distribution (whinh3628m000)
- Inbound Advice Log (whinh3529m000)
- Receipt Line Lots and Serials History (whinh3570m000)
- Receipt Line Ownership History (whinh3571m000)
- Receipt Line Peg Distribution History (whinh3578m000)
- Receipt Line Peg Distribution Audit (whinh3579m000)
- Outbound Advice Lots and Serials (whinh4126m000)
- Outbound Advice Ownership (whinh4128m000)
- User Profiles (whwmd1540m000)
- WMS Interface Parameters (whwmd2105m000)
- Warehouses (whwmd2500m000)
- Items - Warehousing (whwmd4500m000)
- Items - Warehousing Defaults (whwmd4501m000)
- Print Quarantine Inventory (whwmd2471m000)
- Handling Units (whwmd5630m000)
- Handling Unit Stock Point Details (whwmd5136m000)
- Handling Unit Process Inbound (whinh2113m000)
- Handling Unit Process Outbound (whinh2123m000)
- Warehouse Inspection Handling Units (whinh2534m000)

The following sessions are removed:

- Rejected Inventory (whwmd2570m000)
- Rejected Inventory - Details (whwmd2170s000)
- Delete Rejected Inventory (whwmd2270m000)
- Print Rejected Inventory (whwmd2470m000)

Warehousing inspections

In Infor LN 10.4, the functionality for warehousing inspections is changed. An inspection is no longer processed and finalized after specifying and saving the inspection results.

After saving the inspection results, the status of the inspection is set to **In Process**. While the inspection is in process, the user can still change the inspection results. To process and finalize the inspection, various options are available.

For individual inspections, you can now scrap rejected items or send rejected items to quarantine for further examination. For this purpose, the quarantine functionality must be activated. The main difference between the new scrapping option and the destroy option is essentially financial: destroyed items belong to the approved inventory, for which the supplier must always be paid, and for scrapped items settlement depends on the context.

To reduce the number of warehousing inspections created for items comprising of stock point details, thus enhancing the integration with Quality, the **Consolidate Stock Points in one Warehouse Inspection** check box is added in the Inventory Handling Parameters (whinh0100m000) session.

The following sessions are added:

- Warehouse Inspection (whinh3622m000)
- Inspection Lines (whinh2131m000)
- Split Inspection Line (whinh2231m100)
- Warehouse Inspection Handling Units (whinh2534m000)
- Inspect Handling Unit (whinh2234m000)

The following sessions are modified:

- Warehouse Inspections (whinh3122m000)
- Inventory Handling Parameters (whinh0100m000)
- Inspection Lines Awaiting Direct Material Supply (whinh3522m300)
- Warehouse Receipt Lines (whinh3512m100)
- Receipt Line Lots and Serials (whinh3123m000)
- Inbound Advice (whinh3125s000)
- Inbound Advice Log (whinh3529m000)
- Receipt Line Ownership (whinh3521m000)
- Outbound Advice Lots and Serials (whinh4126m000)
- Outbound Advice Ownership (whinh4128m000)
- Print Warehouse Inspections (whinh3422m000)
- Handling Units (whwmd5130m000)
- Handling Unit Process Inbound (whinh2113m000)
- Handling Unit Process Outbound (whinh2123m000)
- Handling Unit Stock Point Details (whwmd5136m000)
- Handling Unit Tree

Shipment acceptance

Infor LN 10.3

The Material Inspection and Receiving Report (DD Form 250) report comprises prescribed information relevant to the shipping process and is used for invoicing. This report may require users to check and accept or reject shipments at their source, destination, or both.

Infor LN 10.4

The Submit for Acceptance and the Undo Submit for Acceptance options are added to the Shipments (whinh4130m000) session to facilitate the source acceptance procedure. These options are available for shipments for which source acceptance is required.

Receipt line peg distribution audit

In Infor LN 10.4, to support auditing of project pegs; the Receipt Line Peg Distribution Audit (whinh3579m000) session is added. This session is available if the **Project Peg Receipt Transactions** check box is selected in the Project Pegging Parameters (tpeg0100m000) session.

Project peg audit

In Infor LN 10.4, to provide additional information about the project pegs for cycle counting and adjustment orders, various new fields and print sessions are added.

The following fields are added:

- **Excess Balance**
- **Based on**
- **ATT Balance**
- **Gain Balance**
- **Loss Balance**
- These fields are added in the following sessions:
 - Cycle Counting Order Line Peg Distribution (whinh5107m000)
 - Cycle Counting Order Line Peg Distribution History (whinh5557m000)
 - Adjustment Order Line Peg Distribution (whinh5127m000)
 - Adjustment Order Line Peg Distribution History (whinh5577m000)

The following sessions are added:

- Print Cycle Counting Order Line Peg Distribution (whinh5407m000)

- Print Cycle Counting Order Line Peg Distribution History (whinh5457m000)
- Print Adjustment Order Line Peg Distribution (whinh5427m000)
- Print Adjustment Order Line Peg Distribution History (whinh5477m000)

Lot and serial registration for handling units

In Infor LN 10.4, to enable the users to track the exact locations of lot and serialized items in handling unit structures; you can only register lot or serialized items for the bottom level handling units.

To enhance the procedure for lot and serial registration for handling units:

- The Receipt Line Lots and Serials (whinh3123m200) session is added.
- The following sessions are enhanced:
 - Handling Units (whwmd5130m000)
 - **Handling Unit Tree**

Receipt and transfer of mixed handling units

In Infor LN 10.4, you can transfer multi-item top-level handling units between warehouses without affecting the handling unit structure. For this purpose, you can create a transfer order for a specific top-level handling unit. The underlying structure of this handling unit will remain intact throughout the outbound, shipment, receipt, and, if applicable, inspection steps of the transfer process, barring user intervention such as scrapping during inspection.

To create a transfer order, you can either create a manual transfer order in the Warehousing Orders (whinh2100m000) and select a multi item top-level handling unit, or you can select a handling unit in the Handling Units (whwmd5130m000) session and create a manual transfer order for the selected handling unit.

The following sessions are modified:

- Warehousing Orders (whinh2100m000)
- Warehousing Order (whinh2100m100)
- Outbound Order Lines (whinh2120m000)
- Process Outbound Advice (whinh4200m000)
- Generate Outbound Advice (whinh4201m000)
- Outbound Advice (whinh4525m000)
- Remove Outbound Advice (whinh4260m000)
- Picking List (whinh4525m100)
- Warehouse Inspections (whinh3122m000)
- Warehouse Inspection (whinh3622m000)
- Handling Units (whwmd5130m000)

- Handling Units (whwmd5630m000)

Handling unit cycle-counting process

Infor LN 10.3

You could not reopen a handling unit that was closed. For example, if during a cycle count a handling unit was closed because it could not be found in a particular location, you could not reopen the handling unit if it was found in a different location later on. Instead, you had to create a new handling unit.

Infor LN 10.4

You can reopen the closed handling unit in such situations, and, therefore, skip re-labeling.

The following sessions are modified:

- Handling Units (whwmd5630m000)
- Cycle Counting Order Lines (whinh5101m000)

Multiple lots and serials when shipping a handling unit

Infor LN 10.3

A bottom-level handling unit could not contain more than one lot, serial number, inventory date, or effectivity unit.

Infor LN 10.4

In the outbound and shipment process, a bottom-level handling unit can contain multiple high level and low level lots, serial numbers, inventory dates, or effectivity units. This does not apply to bottom-level handling units being received or in inventory. For this purpose, specific setup of handling unit templates and shipment building is required.

The following sessions are modified:

- Handling Unit Templates (whwmd4160m000)
- Handling Units (whwmd5130m000)

Not shipped handling units

Infor LN 10.3

In the Handling Unit Tree, functionality to set handling units or item quantities within handling units to not-shipped was unavailable.

Infor LN 10.4

For staged handling units, the Handling Unit Tree provides set not-shipped and reset not-shipped options. Also, for item quantities contained in staged handling units, you can access a session to specify the quantities not to be shipped, or to reset not-shipped quantities.

The following session is added:

- Modify Shipped Quantity (whinh2223m000)

The following session is modified:

- Handling Unit Templates (whwmd4160m000)

Inventory views by warehouse and handling unit

In Infor LN 10.4, enhanced inventory views are available for handling units.

For this purpose, the **Handling Unit Inventory** option is added to the appropriate menu of the following sessions:

- Stock Point Inventory (whinr1540m000)
- Item Inventory (whwmd4100m100)
- Warehouse - Item Inventory (whwmd2515m000)

If you select this option, the Handling Units (whwmd5130m000) session is started. If you select a specific item prior to selecting this option, the Handling Units (whwmd5130m000) session is started showing the related handling units. If you select a stock point prior to selecting this option, the handling units related to the stock point are displayed.

Cost peg change reasons

In Infor LN 10.4, you can manually add, change, or delete a cost peg transfer line or a cost peg distribution line. However, you must specify a reason before modifications can be made. For this purpose, the **Peg Change Reason** field is added to the following sessions:

- Cost Peg Transfer Lines (whinh1145m000)
- Inbound Order Line Peg Distribution (whinh2180m000)

- Outbound Order Line Peg Distribution (whinh2190m000)
- Cycle Counting Order Line Peg Distribution (whinh5107m000)
- Adjustment Order Line Peg Distribution (whinh5127m000)

Warehouse capacity location

Depending on the setup in the Warehouse - Location - Capacity (whwmd3101s000) session, a location's available capacity is based on the floor space, weight and/or height specified for the location minus the total floor space, weight and/or height of the items stored in the locations. In Infor LN 10.4, if handling units are used for which packaging items are defined, the dimensions of the packaging items of the handling units are used to calculate the available capacities of the locations.

To enhance the functionality:

- The **Simulate**, **Update**, and **Print Only Differences** options are added to the Recalculate Occupation of Location (whwmd3201m000) session.
- In the Warehouse - Location - Capacity (whwmd3101s000) session, the Recalculate command now starts the Recalculate Occupation of Location (whwmd3201m000) session.

Kanban parameters

In Infor LN 10.4, kanban parameters are added that enable you to calculate various default settings for kanban orders. The Global Update of KANBAN Parameters (whinh2200m100) session is also added in which you can change the default settings for specified ranges of warehouses and items.

In the Warehouse - Location - Capacity (whwmd3101s000) session, various new kanban parameters are added.

Warehouse Orders

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Warehouse Orders.

New and changed functionality

- **Serial transfer**
In the Warehousing Orders (whinh2100m000), Expected Orders (whinh3800m000) and Warehousing Order (whinh2100m100) sessions, the **From Serial** and **Into Serial** fields are added.

- **DD Form 250**

You can print the DD Form 250 for the shipment.

- In the Print Shipment Acceptance (whinh4430m100) session, the **DD Form 250** field is added.

- **Display In-transit inventory**

You can view the in-transit inventory for the selected shipment that is linked to the inbound order line.

- The **In Transit** field is added to the following sessions:
 - Inbound Line Status Overview (whinh2119m000)
 - Outbound Line Status Overview (whinh2129m000)
- The **In Transit** option is added in the Warehouse Manager Dashboard (whinh2300m000) session, to view the orders with the in-transit quantity.

- **Shipping Constraints for Service**

In Infor LN 10.3, the shipping constraint; **Ship Set Complete** is used only by the Sales Control module.

In Infor LN 10.4, this functionality is also applicable for Service.

- The **Order Set Sales** field is renamed to **Shipping Set** in the Warehousing Orders (whinh2100m000) session.

- **Supplier ASN Number**

The **Suppliers ASN Number** field is added to the following sessions:

- Warehouse Receipt Headers (whinh3110m000)
- Warehouse Receipt (whinh3512m000)
- Warehouse Receipt Lines (whinh3512m100)
- Receipt Lines (whinh3112s000)
- Warehouse Receipt Lines (whinh3512m600)

- **Effectivity Unit and Item Revision**

The **Effectivity Unit** and **E-item Revision** fields are added to the following sessions:

- Cycle Counting Order Lines (whinh5101m000)
- Enter Cycle Counting Results (whinh5101m100)
- Adjustment Order Lines (whinh5121m000)
- Easy Adjustment Entry (whinh5202m000)

- **Print Runs**

The Print Runs (whinh4400m000) session is renamed to Print and/or Remove Runs (whinh4400m000) session.

The following fields are added to the Print and/or Remove Runs (whinh4400m000) session:

- **Remove**
- **Simulation**
- **Process Report**
- **Error Report**

- **Link multiple order lines to ASN**

You can link multiple expected order lines to an advance shipment notice (ASN).

- The **New** option is added to the Shipment Notice Lines (whinh3101m000) session.

- **Tracking ID of Load**

You can track the loads or shipments using two tracking numbers.

The **Type**, **Type**, and **Tracking Number** fields are added to the following sessions:

- Loads (whinh4140m000)
- Load (whinh4640m000)
- Loads History (whinh4560m000)
- Load History (whinh4560s000)

Warehousing Master Data

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Warehousing Master Data.

New and changed functionality

- **Quarantine inventory**

- The Delete Rejected Inventory (whwmd2270m000) session is replaced with the Delete Quarantine Inventory (whwmd2271m000) session.
- The Print Rejected Inventory (whwmd2470m000) session is replaced with the Print Quarantine Inventory (whwmd2471m000) session.

- **Manual Blocked Inventory**

The **Customer Owned Blocked** and **Customer Owned Blocked for Planning** fields are added to the following sessions:

- Warehouse - Item Inventory (whwmd2515m000)
- Inventory by Warehouse, Item and Effectivity Unit (whwmd2516m000)
- Inventory by Item, Effectivity Unit and Warehouse (whwmd2516m100)
- The **Inventory Blocked** field is added to the Consigned Inventory (whwmd2518m000) session.

- In Infor LN 10.3, the peg distribution of the blocked zones and locations is stored.

- In Infor LN 10.4, the peg distribution and the ownership of the blocked zones and locations is stored.

The **Ownership**, **Owner**, and **Buy-from Business Partner** fields are added to the following sessions:

- Blocked Zones/Locations Details (whwmd6118m000)
- Blocked Lots Details (whwmd6128m000)
- Blocked Stock Points Details (whwmd6138m000)
- Blocked Handling Units Details (whwmd6148m000)
- The Blocked Zones/Locations Peg Distribution (whwmd6118m000) session is renamed to Blocked Zones/Locations Details (whwmd6118m000) session.

- The Blocked Lots Peg Distribution (whwmd6128m000) session is renamed to Blocked Lots Details (whwmd6128m000) session.
- The Blocked Stock Points Peg Distribution (whwmd6138m000) session is renamed to Blocked Stock Points Details (whwmd6138m000) session.
- The Blocked Handling Units Peg Distribution (whwmd6148m000) session is renamed to Blocked Handling Units Details (whwmd6148m000) session.

You can plan company owned/consigned inventory differently from the customer/ consignment owned inventory.

- **Include Text in Blocking sessions**

You can add the text related to the blocking in the respective blocking session.

- The **Text** field and an option to add/ edit the text is added to the following sessions:
 - Warehouse - Blocked Zones/Locations (whwmd6110m000)
 - Item - Blocked Lots (whwmd6120m000)
 - Warehouse - Location - Item - Blocked Stock Points (whwmd6130m000)
 - Blocked Handling Units (whwmd6140m000)
- The **Text** field is added to the following sessions:
 - Print Blocked Zones/Locations (whwmd6410m000)
 - Print Blocked Lots (whwmd6420m000)
 - Print Blocked Stock Points (whwmd6430m000)
 - Print Blocked Handling Units (whwmd6440m000)

- **CINDI**

You can build handling units at shipment lines based on the references of the handling unit template and the shipment line.

The **References based Handling Unit Building at Shipments** field is added to the following sessions:

- Package Definitions (whwmd4110m000)
- Item - Package Definitions (whwmd4130m000)

- **Effectivity Unit and Item Revision**

The **Effectivity Unit** and **E-item Revision** fields are added to the following sessions:

- Item - Blocked Lots (whwmd6120m000)
- Warehouse - Location - Item - Blocked Stock Points (whwmd6130m000)

- **Add or Print Text**

The **Text** field and an option to add/ edit the text is added to the following sessions:

- Warehouse - Item (whwmd2510m000)
- Warehouse - Item (whwmd2110s000)
- The **Text** check box is added to the Print Warehouse - Items Inventory (whwmd2410m000) session.

- **Actual Production Hours (MAUC Hours)**

You can calculate actual production hours (MAUC Hours) for the company owned and customer owned inventory.

The **FTP Hours MAUH (by Warehouse)** fields are added to the following sessions:

- Warehouse - Item Inventory (whwmd2115s000)
- Item Inventory - Cost Details (whwmd2517m000)

Inventory Analysis

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Inventory Analysis.

New and changed functionality

- **Actual Production Hours (MAUC Hours)**

You can calculate actual production hours (MAUC Hours) for the company owned and customer owned inventory.

- The **Total Hours** and **MAUH (by Warehouse)** fields are added to the Inventory Receipt Transactions (whina1512m000) session.
- The **Hours** and **MAUH (by Warehouse)** fields are added to the Inventory Receipt Transaction - Cost Details (whina1513m000) session.
- The **Hours** and **Hours** fields are added to the Inventory Integration Transactions (whina1524m000) session in the **From** and **To** tabs respectively.
- The **Current MAUH** and **New MAUH** fields are added to the MAUC Correction Cost Details (whina1131m000) session.
- The **MAUH** and **Inventory Hours** fields are added to the MAUC by Warehouse Valuation Group (whina1534m000) session.

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

- MAUC by Warehouse Valuation Group - Cost Details (whina1535m000)
- MAUC Transactions by Warehouse Valuation Group (whina1536m000)
- MAUC Transaction by Warehouse Valuation Group - Cost Details (whina1537m000)

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

- Inventory Receipt Transaction Consumption - Cost Details (whina1515m000)
- Inventory Variance - Cost Details (whina1517m000)
- Negative Inventory Consumption Cost Details (whina1521m000)
- Inventory Revaluation Transaction Cost Details (whina1523m000)
- Inventory Receipt Transaction Variance Cost Details (whina1527m000)

The **Total Hours** field is added to the following sessions:

- Inventory Consumptions (whina1514m000)
- Inventory Variances (whina1516m000)

- Negative Inventory Consumptions (whina1520m000)
- Inventory Revaluation Transactions (whina1522m000)

Lot Control

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Lot Control.

New and changed functionality

- **Manual Blocked Inventory**
The following new sessions are added:
 - Inventory by Warehouse and Lot (whltc1605m000)
 - Consigned Inventory by Warehouse, Lot and Owner (whltc1508m000)
 - Customer Owned Inventory by Warehouse, Lot and Owner (whltc1508m100)
 - The sort option, Effectivity, Item, Lot option is added to the Item - Lot (whltc1100m000) session.
 - The **Blocked for Planning** field is added to the Warehouse - Item - Lot Inventory (whltc1105s000) session.
 - You can plan customer owned inventory differently from company owned/consigned inventory.
- **Actual Production Hours (MAUC Hours)**
You can calculate actual production hours (MAUC Hours) for the company owned and customer owned inventory.
 - The **Unit Hours** field is added to the Lot - Cost details (whltc1501m000) session.
 - The **Total Unit Hours** field is added to the Item - Lot (whltc1100m000) session.
 - The **Serial Hours** field is added to the Serial Price Transaction Cost Details (whltc5502m000) session.
 - The **Hours** and **MAUH (by Warehouse)** fields are added to the Lot Inventory Variance Cost Details (whltc1504m000) session.The **Total Hours** field is added to the following sessions:
 - Lot Inventory Variances (whltc1503m000)
 - Serial Price Transactions (whltc5501m000)
- **Effectivity Unit and Item Revision**
The **Effectivity Unit** and **E-item Revision** fields are added to the Warehouse - Item - Lots Inventory (whltc1505m000) session.

Freight

This topic lists the differences topics for Freight between Infor LN 10.3 and Infor LN 10.4.

New or changed functionality is described in these topics:

- *Load Building (p. 85)*

Load Building

This topic describes the differences for Load Building between Differences Infor LN 10.3 and Differences Infor LN 10.4 that are not already discussed in other differences topics.

New and changed functionality

- **Tracking ID of Load**
You can track the loads or shipments using two tracking numbers.
The **Carrier Tracking Number Type**, **Tracking Number Type**, and **Tracking Number** fields are added to the following sessions:
 - Loads (fmlbd4100m000)
 - Load (fmlbd4100m100)
 - Load History (fmlbd5502m000)

Service

This topic lists the differences topics between Differences Infor LN 10.3 and Differences Infor LN 10.4 in Service.

New or changed functionality is described in these topics:

- *Use Diagnostics parameter (p. 88)*
- *Default priorities for a call (p. 88)*
- *Usability for Field Service and Depot Repair (p. 88)*
- *Service - QM Integration (p. 89)*
- *Generate Claim from FCO (p. 89)*
- *Transfer order in depot repair (p. 89)*
- *Physical Breakdown Modeling Improvement (p. 90)*
- *Financial ownership in Service (p. 90)*
- *Handling return of items in Depot Repair (p. 90)*
- *Update physical breakdown structures (p. 91)*
- *Historical currency rates in Service Contract Revenues (p. 91)*
- *Handling serialized item during service order creation (p. 91)*
- *Subcontracting with Material Flow - Depot Repair and Field Service (p. 92)*
- *Reference Activity Based Pricing (p. 92)*
- *Planned Inventory Transactions for Planned Activities (p. 92)*
- *Workload Leveling for Group Planning (p. 93)*
- *Service Engineer Assignments - CRM Appointments synchronization (p. 93)*
- *Warehouse Transfer Orders and PIT (p. 93)*
- *Geographical Workload Distribution (p. 93)*
- *Material availability checks (p. 94)*
- *Owner vs user of serialized item (p. 94)*

Remaining differences are described by these areas:

- *Activity Management (p. 94)*
- *Call Management (p. 95)*

- *Claim Management (p. 96)*
- *Configuration Management (p. 96)*
- *Contract Management (p. 98)*
- *Maintenance Sales Control (p. 99)*
- *Master Data Management (p. 100)*
- *Service Order Control (p. 102)*
- *Service Planning (p. 105)*
- *Work Order Control (p. 107)*

Use Diagnostics parameter

Infor LN 10.3

All the sessions/fields/form commands related to diagnostics are displayed. You cannot hide these sessions/fields/form commands when the diagnostics functionality is not used.

New in Infor LN 10.4

To improve the usability of the diagnostics functionality, the **Use Diagnostics** parameter is added to the General Service Parameters (tsmdm0100m000) session. Based on this parameter, you can hide or display, the sessions/fields/form commands related to diagnostics.

Default priorities for a call

New in Infor LN 10.4

You can set the default **Problem Priority**, **Serialized Item Priority** and **Business Partner Priority** in the Call Parameters (tsclm0100m000) session. These priorities are used as default in the Call (tsclm1100m000) session. For more information refer to Priorities.

Usability for Field Service and Depot Repair

New in Infor LN 10.4

The usability of the Field Service and Depot Repair is improved.

The **Field Service Screens** and **Depot Repair Screens** tabs are added to User Profiles (tsmdm1150m000). You can select the satellite sessions that must be displayed in Field Service and Depot Repair.

The **Use Subassemblies in Work Orders** and **Use Batch Repair in Work Orders** parameters are added to the Work Order Parameters (tswcs0100m000) session.

Service - QM Integration

Infor LN 10.3

The non-conformance reports functionality is not implemented.

New in Infor LN 10.4

The non-conformance reports functionality is implemented to create or link a non-conformance report to a service object.

Generate Claim from FCO

Infor LN 10.3

You cannot generate a claim from a field change order.

New in Infor LN 10.4

You can generate a claim from a field change order. For more information refer to Generate Customer Claim and Service Order from Field Change Order.

Transfer order in depot repair

New in Infor LN 10.4

You can transfer an item from and to a central warehouse. All the items scheduled for repair are received in the central warehouse. The repair is performed by a repair center that can be situated at another location. Therefore, a transfer order is required to move the item from the central warehouse to the warehouse of the repair center. After the repair, the item is returned to the central warehouse, and is shipped to the customer. For more information refer to Transfer orders for depot repair - using warehouse or location.

Physical Breakdown Modeling Improvement

Infor LN 10.3

It is not possible to differentiate between components of a structure level, a physical level or the physical top level.

New in Infor LN 10.4

A distinction is made between a structure level, a physical level and the physical top level. A new domain, Structure Type is added to enable this distinction. A new configuration parameter, **Structure Type Usage** is also added in the Configuration Management Parameters (tscfg0100m000) session. If this parameter (check box) is not selected, the Structure Type and Physical Top fields are not displayed and Structures cannot be created.

The **Physical Top** check box is added to the Serialized Items (tscfg2100m000) session to distinguish between the physical top from the actual top, if the actual top is a structure.

To distinguish between the levels in the GBF, different colors are used.

- Structure level: Green
- Physical level: Black
- Physical top level: Cyan

Financial ownership in Service

Infor LN 10.3

You cannot update the ownership of the item that is issued from or received from the inventory.

New in Infor LN 10.4

To indicate the ownership of the item used and enable the user to change the ownership, the **Ownership** field is added to various sessions. For more information, refer to Financial Ownership in Service.

Handling return of items in Depot Repair

New in Infor LN 10.4

The maintained item and the non-consumed material are returned to the warehouse after the work is completed. When the **Status** of the work order is set to Completed in the Work Orders (tswcs2100m000) session, the warehouse orders are created to facilitate the return of the item and material. These

warehouse orders must be logistically and financially processed before the work order can be closed. For more information, refer to Handling return of maintenance item(s) and non-consumed items in WCS.

The item can be delivered after completing the work order. The costs can be invoiced after closing the work order. For more information, refer to Handling return of maintenance item(s) and non-consumed items in MSC.

Update physical breakdown structures

New in Infor LN 10.4

You can register and process multiple changes to a single level of the relations of a parent item in the PBS. The changes incorporated for one breakdown level are updated to the PBS after approval, subsequently. For more information, refer to Updating Physical Breakdown Structure.

Historical currency rates in Service Contract Revenues

New in Infor LN 10.4

When calculating the contract revenue amount for a fiscal period, the invoiced installment amount in the home currency must be used to retrieve the historical currency rates. This amount is used instead of the currency rates defined for the contract (transaction) currency and the company's home currency. For more information, refer to Using Historical Rates for Service Contract Revenue Recognition.

Handling serialized item during service order creation

New in Infor LN 10.4

To handle the serialized item on the service order header, the serialized **Item** field is added to the service order header in Service Order Control (SOC). The **Warranty Type**, and the **Warranty** fields are also added on the header. For more information, refer to Handling Serialized Item during Service Order creation/generation.

Subcontracting with Material Flow - Depot Repair and Field Service

New in Infor LN 10.4

You can subcontract an item, with material flow, for Depot Repair and Field Service. For Depot Repair and Field Service, material can be sent to the subcontractor and for Depot Repair, only the maintained item can be sent to the subcontractor. For more information, refer to Subcontracting with material flow for Depot Repair and Subcontracting with material flow in field service.

Reference Activity Based Pricing

Infor LN 10.3

You cannot setup a default sales price for each Reference Activity, Master Routing, or Routing Option.

New in Infor LN 10.4

You can setup a default sales price for each Reference Activity, Master Routing or Routing Option. You can also specify the price for the activities in the contract. For more information, refer to Order and Activity based Pricing (Reference Activities, Master Routing and Routing Options).

Planned Inventory Transactions for Planned Activities

Infor LN 10.3

You can plan required material resources for a planned activity, only after the planned activity is transferred to a Service Order or a Work Order and the order is subsequently planned.

New in Infor LN 10.4

Before the Service Order or Work Orders are created, you can plan and purchase/produce the required materials in advance, using Enterprise Planning. For more information, refer to Planned Inventory Transaction for Planned Activities.

Workload Leveling for Group Planning

New in Infor LN 10.4

For group planning, workload leveling is used to define the number of groups that must be generated for a combination of planning attributes, scheduled in parallel. Workload leveling creates multiple groups for one combination of these attributes. For schedule-based workload leveling, the planned start and finish times of the activities are used to distribute the activities across the groups (in a group set). For more information, refer to Workload leveling (scheduling).

Service Engineer Assignments - CRM Appointments synchronization

New in Infor LN 10.4

The Service assignment and CRM appointment can be integrated so that service assignments are displayed as appointments in CRM. Consequently, the (planned) visits made to the customer and the new task assigned to the service engineer is visible to the CRM representative. The schedule of the service employee can also be synchronized with the Outlook, through the CRM appointments. For more information, refer to Service Engineer Assignment - CRM Appointment Synchronization.

Warehouse Transfer Orders and PIT

New in Infor LN 10.4

When processing logistic transaction for work orders, warehouse orders and planned inventory transactions are generated. The warehouse transfer orders are generated for various scenarios. For more information, refer to Warehouse Transfer Orders and PIT.

Geographical Workload Distribution

New in Infor LN 10.4

The geographical workload distribution workbench provides an overview of the workload across various resources. The most urgent orders can be prioritized and the service engineer travel time can reduce as the work allocated to the engineer can be restricted to a particular region. The workload leveling functionality enables you to monitor service level agreements during operational planning which results in improved customer services. For more information, refer to Time based work load leveling and scheduling.

Material availability checks

Infor LN 10.3

An ATP check is performed at the time of planning and an On Hand check is performed at the time of releasing the order.

New in Infor LN 10.4

You can check the Planned Available and On Hand inventory, at the time of planning the orders. The following new sessions are added:

- A new session, Service Material Availability (tstdm2520m000), is added to view and maintain the results of the three types of material availability checks that can be performed for a range of orders by a batch session, or for a single order during planning or releasing the order. You cannot change these values manually.
- A new session, Check Material Availability (tstdm2220m000), is added to determine if the material is available for the service order, work order and the maintenance sales order; within the defined selection ranges.
- A new session, Update Material Availability for Item (tstdm2221m000), is added to create or delete material availability lines for the items that are defined in the Items - Service (tsmdm2100m000) session and the Critical for Inventory Check check box is selected/cleared.

Owner vs user of serialized item

New in Infor LN 10.4

When performing the service activities such as Calls, Service Orders, Maintenance Sales Orders and Customer Claims, the owner (the sold-to business partner) of the serialized item receives an invoice for the performed service activities. However, various parties are involved in the service activities such as the owner, the user, the operator, and the dealer. Depending on the reason for the service work, the user must be able to invoice one of these parties instead of invoicing the owner of the serialized item. For more information, refer to Owner vs User.

Activity Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Activity Management.

New and changed functionality

- **Financial Ownership in Service**

The following fields are added to the Resource Requirements (tsacm2120m000) session:

- **Ownership**
- **Warehouse**
- **Customer Furnished Material**

- **Subcontracting with material flow**

The following fields are added to the Reference Activities (tsacm1101m000) session:

- **Subcontracted**
- **Subcontractor**
- **Supply Material to Subcontractor**
- **Supply Item to Subcontractor**
- **Create Purchase Requisition**

The following fields are added to the Resource Requirements (tsacm2120m000) session:

- **Ship Materials To**
- **Cost Price/Rate**

- **Allow multiple defaults per Cost Type in the Service User Template**

The **Default** field and the Toggle Default option are added to the Routing Options (tsacm1101m200) session.

The **Default** field and the Set as Default Master Routing option are added to the Master Routings (tsacm1101m100) session.

- **Reference Activity Based Pricing**

The **Use Fixed Price**, **Sales Price**, **Currency** and the **Calculated Sales Price** fields are added to the following sessions:

- Reference Activities (tsacm1101m000)
- Reference Activity (tsacm1601m000)
- Reference Activity - Costs Overview (tsacm2525m000)
- Master Routings (tsacm1101m100)
- Master Routing (tsacm1601m100)
- Routing Options (tsacm1101m200)

Call Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Call Management.

New and changed functionality

- **Call Priority**
The Call Priority functionality is enhanced in the Call (tsclm1100m000) session.
The following fields are added to the Call Parameters (tsclm0100m000) session:
 - **Problem Priority**
 - **Business Partner Priority**
 - **Serialized Item Priority**
- **Call Menu**
To improve the visibility, various menu options in the Call (tsclm1100m000) session are modified.

Claim Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Claim Management.

New and changed functionality

A new session, Transfer to Supplier Claim Request (tscmm1214m000) is added to allow the user to filter the lines of the Service/Maintenance Sales Order or Service Order Activity that must be transferred to Supplier Claim Requests (tscmm1114m000) session.

The **Field Change Order Line** field is added to the Supplier Claim Requests (tscmm1114m000) session.

Configuration Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Configuration Control.

New and changed functionality

- **Physical Breakdown Modeling Improvement**
 - The **Structure Type Usage** field is added to the Configuration Management Parameters (tscfg0100m000) session.
 - The **Structure Type** field is added to the following sessions:
 - Serialized Items (tscfg2100m000)
 - Serialized Item 360 (tscfg2100m100)
 - Serialized Item (tscfg2600m000)
 - Item Breakdowns (tscfg1110m000)

- Physical Breakdowns (tscfg2110m000)
 - Print Serialized Items (tscfg2400m000)
 - Print Physical Breakdowns (tscfg2410m000)
- The **Physical Top** field is added to the following sessions:
 - Serialized Items (tscfg2100m000)
 - Serialized Item 360 (tscfg2100m100)
 - Serialized Item (tscfg2600m000)
- The Structure Type domain is added.
- **Update Physical Breakdown Changes**

The following new sessions are added to enhance the physical breakdown functionality:

 - Physical Breakdown Changes (tscfg2140m000)
 - Physical Breakdown - Changes (tscfg2640m000)
 - Physical Breakdown Change Lines (tscfg2141m000)
 - Supersede Serialized Item (tscfg2240m000)

The following fields are added to the Configuration Management Parameters (tscfg0100m000) session:

 - **Physical Breakdown Changes**
 - **Automatically Update from Service Orders**
 - **Automatically Update from Work Orders**
 - **Automatically Update from Maintenance Sales**
 - **Number Group**
 - **Series**

The following fields are added to the Serialized Items (tscfg2100m000) session:

 - **Superseded by Item**
 - **Superseded by Serial Number**
 - **Current Item**
 - **Current Serial Number**
 - **Previous Serial Number**
 - **Previous Item**
 - **Original Item**
 - **Original Serial Number**

The following fields are added to the Physical Breakdown Log (tscfg2515m000) session:

 - **Changed By**
 - **Order Number**
 - **Source of Change**
- **Owner versus user of serialized items**

The following fields are added to the Serialized Items (tscfg2100m000) session:

 - **Operator Contact**
 - **Primary Contact**
 - **Contact Person**
 - Sold to BP is renamed to **Owner**

- The following fields are added to the Serialized Items (tscfg2100m000) and the Serialized Item (tscfg2600m000) sessions:
 - **Preferred Engineer Depot Repair**
 - **Structure Type**
 - **Physical Top**
- The Service Orders option and the following fields are added to the Serialized Item 360 (tscfg2100m100) session:
 - **Service Orders**
 - **Preferred Engineer Depot Repair**
 - **Structure Type**
 - **Physical Top**
- The **Structure Type** field is added to the Physical Breakdowns (tscfg2110m000) session.
- The following fields are added to the Print Serialized Items (tscfg2400m000) and the Print Physical Breakdowns (tscfg2410m000) sessions:
 - **Structure Type**
 - **Top Physical Items Only**
- The following fields are added to the Physical Breakdown Log (tscfg2515m000) session:
 - **Source of Change**
 - **Order Number**

Contract Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Contract Management.

New and changed functionality

- **Historical Currency Rates in Service Contract Revenues**

The following fields are added to the Contract Installments (tsctm4100m000) and the Contract Installments List (tsctm4100m100) session:

 - **Amount**
 - **Revenue Amount in Home Currency**
 - **Rate**
 - **Rate Factor**
 - **Rate Date**

The following fields are added to the Contract Revenues (tsctm4160m000) session:

 - **Amount in Home Currency**
 - **Rate**
 - **Rate Date**
 - **Rate Factor**
 - **Rate Origin**

The following fields are added to the Calculate/Confirm Contract Revenues (tsctm4250m000) session:

- **Rate Date**
- **Match Recognized Amount with Invoiced Amount**

The Rate Origin domain is added to indicate the origin of the rate of the home currency.

- **Reference Activity Based Pricing**

A new session, Fixed Price Terms (tsctm1111m000), is added to manage the (fixed) activity and fixed order prices.

The **Time and Material** and **Fixed Prices** fields are added to the following sessions:

- Contract Quotation Configuration Lines (tsctm1110m200)
- Contract Configuration Lines (tsctm1110m300)

Maintenance Sales Control

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Maintenance Sales Control.

New and changed functionality

- **A&D Audit on Pegs**

The **Change Reason** field is added to the following sessions:

- Maintenance Sales Order - Part Maintenance Lines (tsmsc1110m100)
- Maintenance Sales Order - Part Loan Lines (tsmsc1110m200)
- Maintenance Sales Order - Part Delivery Lines (tsmsc1110m300)
- Maintenance Sales Order - Part Receipt Lines (tsmsc1110m400)

- **Transfer Order in Depot Repair**

The following fields are added to the Maintenance Sales Order - Part Maintenance Lines (tsmsc1110m100) session.

- **Work Order From Warehouse**
- **Work Order To Warehouse**
- **Transfer order is applicable**

- **MSC - Header Line Synchronization**

A new session, Maintenance Sales Order - Lines - Synchronization (tsmsc0280m000) is added to synchronize the maintenance sales order header data with the lines data, when the header data is modified.

- **Financial Ownership in Service**

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

- Maintenance Sales Order - Part Maintenance Lines (tsmsc1110m100)
- Maintenance Sales Order - Part Loan Lines (tsmsc1110m200)

- Maintenance Sales Order - Part Delivery Lines (tsmsc1110m300)

- Maintenance Sales Order - Part Receipt Lines (tsmsc1110m400)

The following fields are added to the Maintenance Sales Order - Part Receipt Lines (tsmsc1110m400) sessions:

- **Use Residual Value**
- **Residual Value**

- **Owner versus user of serialized items**

The following fields are added to the Maintenance Sales Control Parameters (tsmsc0100m000) session:

- **Allow to use Installation Owner instead of Sold-to BP on issue**
- **Allow Installation Owner to be different from Inventory Owner**
- **Allow to use Sold-to BP instead of Installation Owner on receipt**

The following fields are added to the Maintenance Sales Orders (tsmsc1100m000) session:

- **Serial Number**
- **Item**
- **Installation Group**
- **Service Type**

The **Business Partner** field is added to the following session:

- Maintenance Sales Order - Part Maintenance Lines (tsmsc1110m100)
- Maintenance Sales Order - Part Delivery Lines (tsmsc1110m300)
- Maintenance Sales Order - Part Receipt Lines (tsmsc1110m400)

- **Header fields for service orders and maintenance sales orders for financial purposes.**

The following fields are added to the Service Orders (tssoc2100m000) session.

- **Sales Area**
- **Payment Method**

- **Material Availability**

The **Check Material Availability** field is added to the Maintenance Sales Control Parameters (tsmsc0100m000) session.

- **Reference Activity Based Pricing**

A new session, Maintenance Sales Order Activity Lines (tsmsc1111m000), is added to maintain the (reference) activities that are executed by the related work order.

Master Data Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Master Data Management.

New and changed functionality

- **Use Diagnostics**
 - The **Use Diagnostics** field is added to the General Service Parameters (tsmdm0100m000) session.
 - The **Problem / Solution Handling** field is added to the Service Types (tsmdm0130m000) session.
- **Usability**

To improve the usability, various check boxes are added in the User Profiles (tsmdm1150m000) session.
- **Financial Ownership in Service**

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

 - Items - Service (tsmdm2100m000) Items - Service Defaults (tsmdm2105m000)
- **Planned Inventory Transactions for Planned Activities**

The **Create Planned Inventory Transactions for Planned Activities** field is added to the following sessions:

 - Items - Service Defaults (tsmdm2105m000)
 - Items - Service (tsmdm2100m000)
- **Documentation QM- Service Integration**

The **Non-Conformance Reports** field is added to the General Service Parameters (tsmdm0100m000) session.

A new session, Related Orders - Non-Conformance Reports (tsmdm4500m100) is added to view the non-conformance reports linked to the service objects.
- **Service Engineer Assignments - CRM Appointments synchronization**

The **Update CRM Appointments with Service Assignments** check box is added to the Employees - Service (tsmdm1140m000) session.
- The **Preferred Engineer Depot Repair** field is added to the following sessions:
 - Search Criteria (Installation Groups) (tsmdm0280m000)
 - Search Criteria (Serialized Items) (tsmdm0281m000)
 - Found Installation Groups (tsmdm0580m000)
- The **Preferred Engineer Field Service** and **Preferred Engineer Depot Repair** fields are added to the Found Serialized Items (tsmdm0581m000) session.
- The **Skills** field along with the following fields related to the **Depot Repair Screens/ Field Service Screens** tab in the **Work Order**, **Work Order Activity**, and **Work Order - Batch Repair** group boxes are added to the User Profiles (tsmdm1150m000) session:
 - **Material Resources**
 - **Labor Resources**
 - **Other Resources**
 - **Subassemblies**
 - **Assignments**
 - **Inspections**

- **Hours Accounting**
- The following fields are added to the Items - Service Defaults (tsmdm2105m000) and the Items - Service (tsmdm2100m000) sessions:
 - **Ownership**
 - **Structure Type**
- The **Structure Type** field is added to the Print Service Item Data (tsmdm2400m000) session.
- **Allow multiple defaults per Cost Type in the Service User Template**
The **Default** field and the Toggle Default option are added to the Service User Cost Defaults (tsmdm1162m000) session.
- **Material Availability**
The **Critical for Inventory Check** field is added to the following sessions:
 - Items - Service Defaults (tsmdm2105m000)
 - Items - Service (tsmdm2100m000)

Service Order Control

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Service Order Control.

New and changed functionality

- **History Service Engineer Assignment**
The following fields are added to the Service Engineer Assignments (tssoc2505m000) session:
 - **Origin**
 - **Use Engineer Calendar for Planning**
 - **Activity**
 - **Travel**
- **New commands in Service Order Activities**
The following fields are added to the Service Order Activities (tssoc2110m000) session.
 - Set Activity to Planned
 - **Planned Activity**
- **Field Change Order**
The **Order Type** field is added to the following sessions:
 - Field Change Order Lines (tssoc5110m000)
 - Field Change Orders (tssoc5100m000)
 - Field Change Order (tssoc5600m000)
 - Generate Orders (tssoc5220m000)

A new session, Field Change Order (tssoc5600m000) is added to create, view, and maintain the field change order lines.

The Generate Service Order session is renamed to Generate Orders (tssoc5220m000) sessions.

A new session, Generate Supplier Claim Requests (tssoc5210m100) is added to generate supplier claim requests for cost lines in the Field Change Orders (tssoc5100m000), Field Change Order (tssoc5600m000), and Field Change Order Lines (tssoc5110m000) sessions.

The **Field Change Order Line** field is added to the Supplier Claim Requests (tscmm1114m000) session.

- **In the context of coverage of service order costs, term 'Other' renamed to 'Goodwill'**
The Cost Amount Other Cost and the Sales Amount Other Cost field are renamed to **Cost Amount Goodwill** and **Sales Amount Goodwill** in the following sessions:

- Service Order Actual Material Costs (tssoc2121m000)
- Service Order Actual Material Costs (tssoc2121m100)
- Service Order Material Costs (tssoc2122m000)
- Service Order Actual Labor Costs (tssoc2131m000)
- Service Order Labor Costs (tssoc2132m000)
- Service Order Actual Other Costs (tssoc2141m000)
- Service Order Other Costs (tssoc2142m000)

- **Add serialized item to the service order header**

The following fields are added to the Service Orders (tssoc2100m000) session:

- **Warranty**
- **Warranty Type**
- **Serial Number**
- **Item**

The following fields are added to the Service Order (tssoc2100m100) session:

- **Item**
- **Serial Number**

A new session, Service Order - Lines - Synchronization (tssoc0280m000) is added to synchronize the service order header data with the activity lines and the material cost lines, when the header data is modified.

A new session, Create Service Order (tssoc2202m000) is added to create a service order for the specified data.

- **Owner versus user of serialized items**

The following fields are added to the Service Order Parameters (tssoc0100m000) session:

- **Allow to use Sold-to BP instead of Installation Owner on receipt**
- **Allow to use Installation Owner instead of Sold-to BP on issue**
- **Allow Installation Owner to be different from Inventory Owner**

- **Service Engineer Assignments - CRM Appointments synchronization**

A new session, Service Assignment Parameters (tssoc0101m000) is added to define the parameter settings for the integration between service assignments and appointments defined in CRM.

The following fields are added to the Service Engineer Assignments (tssoc2505m000) session:

- **Planned Start**
- **Planned Finish**
- **Travel Distance added to Engineer Assignments**

The **Travel Distance** field is added to the Service Engineer Assignments (tssoc2505m000) session.
- **Header fields for service orders and maintenance sales orders for financial purposes.**

The following fields are added to the Service Orders (tssoc2100m000) session.

 - **Sales Area**
 - **Payment Method**
- **Material Availability**

The following fields are added to the Service Order Parameters (tssoc0100m000) session:

 - **Material Issue Constraint**
 - **Check Material Availability**

The **Material Issue Constraint** is added to the following session:

 - Service Orders (tssoc2100m000)
 - Service Order (tssoc2100m100)
 - Service Order Activity (tssoc2110m100)
 - Service Order Activities (tssoc2110m000)
 - Service Order Estimated Material Costs (tssoc2120m000)
 - Service Order Actual Material Costs (tssoc2121m000)
 - Service Order Actual Material Costs (tssoc2121m100)
- The following sessions are introduced:
 - Service Engineer Assignments - Depot Repair (tssoc2505m200)
 - Groups for Service Orders and Work Orders (tsspc3100m300)
 - Groups for Service Orders and Work Orders - Resource Requirements (tsspc3604m700)
 - Groups for Service Orders and Work Orders - Proposed Resources (tsspc3604m800)
- The following fields are added to the Service Order Parameters (tssoc0100m000) session:
 - **Preferred Engineer of Header is default for Activity**
 - **Use Engineer Calendar for Planning**
 - **Assignments are Mandatory**
- The following fields are added to the Service Order Activities (tssoc2110m000) and Service Order Activity (tssoc2110m100) sessions:
 - **Preferred Engineer**
 - **Service Car**
- The **Ownership** field is added to the following sessions:
 - Service Order Estimated Material Costs (tssoc2120m000)
 - Service Order Actual Material Costs (tssoc2121m000)
 - Service Order Material Costs (tssoc2122m000)
- The **Check Assignments** check box is added in the Release Service Orders (tssoc2200m000) session.

Service Planning

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Service Planning & Concepts.

New and changed functionality

- **Financial Ownership in Service**

The following fields are added to the Planned Activity - Material Requirements (tsspc2110m000) session:

- **Ownership**
- **Warehouse**
- **Customer Furnished Material**

- **Planned Inventory Transactions for Planned Activities**

The **Create Planned Inventory Transactions for Planned Activities** field is added to the following sessions:

- Service Planning Parameters (tsspc0100m000)
- Planned Activity - Material Requirements (tsspc2110m000)

A new session, Set 'Create Planned Inventory Transactions' on Planned Activities (tsspc2210m000) is added to set the **Create Planned Inventory Transactions** check box in the Planned Activity - Material Requirements (tsspc2110m000) session.

- **Workload Leveling**

The following fields are added to the Service Planning Parameters (tsspc0100m000) session:

- **Create Planned Inventory Transactions for Planned Activities**
- **Series for Group Sets**

The following fields are added to the Group Planning Service Order and Group Planning Planned Activities tab in the Service Planning Parameters (tsspc0100m000) session.

- **Workload Leveling Method**
- **Plan Method**
- **Number of Iterations**
- **Minimize Slack**
- **Relative Weight of Travel for Service Orders**

The **Minimize Slack** field is added to the Group Planning Work Order tab in the Service Planning Parameters (tsspc0100m000) session.

The following fields are added to the Attribute Group - Preferred Resources (tsspc0120m100) session:

- **Used for Workload Leveling**
- **Used for Resource Allocation**
- **Unit Number of Groups**
- **Maximum Indicative Length of Route**
- **Lower Limit Standard Deviation of Work Load**

The following new sessions are added:

- The Group Sets for Service Orders (tsspc2190m000) session is introduced to view and maintain group sets generated from group planning activity sets for service orders.
- The Group Sets for Work Orders (tsspc2190m100) session is introduced to view and maintain group sets generated from group planning activity sets for work orders.
- The Group Sets for Planned Activities (tsspc2190m200) session is introduced to view and maintain group sets generated from group planning activity sets for planned activities.
- The Level Workload (tsspc3290m000) session is introduced to delete the existing groups and to create new groups of the selected group sets

The following fields are added to the Group (Set) - Attribute Values (tsspc3101m000) session:

- **Group Set**
- **Group**
- **Check Resource**

The following fields are added to the Groups for Service Orders (tsspc3100m000) session:

- **Sort Method**
- **Keep Sequence of Activity Sets**
- **Center of Gravity is Defined**
- **Center of Gravity Longitude**
- **Center of Gravity Latitude**
- **Plan Method**
- **Respect Earliest Start Time**

The following fields are added to the Groups for Work Orders (tsspc3100m100) and Groups for Planned Activities (tsspc3100m200) sessions.

- **Sort Method**
- **Plan Method**
- **Respect Earliest Start Time**

- **Material Availability**

The following fields are added to the Service Planning Parameters (tsspc0100m000) session:

- **Material Availability Date**
- **Respect Material Availability Date**

The **Respect Material Availability Date** field is added to the following sessions:

- Group Sets for Service Orders (tsspc2190m000)
- Group Sets for Work Orders (tsspc2190m100)
- Groups for Service Orders (tsspc3100m000)
- Group for Service Orders (tsspc3600m000)
- Group for Work Orders (tsspc3600m100)
- Groups for Service Orders and Work Orders (tsspc3100m300)
- Group for Planned Activities (tsspc3600m200)
- Groups for Work Orders (tsspc3100m100)

Work Order Control

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Work Control System.

New and changed functionality

- **Usability**

The following parameters are added to the Work Order Parameters (tswcs0100m000) session:

- **Use Batch Repair in Work Orders**
- **Use Subassemblies in Work Orders**

- **Work Order Activity**

A new session, Work Order Activity (tswcs2610m000) is added to view, maintain and create a work order activity.

The following parameters are added to the Work Order Parameters (tswcs0100m000) session:

- **Use Assignments in Work Orders**
- **Default Preferred Engineer during Order Creation**
- **Default Preferred Engineer during Planning**
- **Assignments are Mandatory**

- **Financial Ownership in Service**

The following fields are added to the Work Order Material Resources (tswcs4110m000) session

- **Ownership**
- **Customer Furnished Material**

The **Ownership** field is added to the Work Order Incoming Subassemblies (tswcs4151m000) session.

- **Unit handling on work order header**

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

- Work Orders (tswcs2100m000)
- Work Orders - Batch Repair (tswcs2500m000)
- Work Order - Batch Repair (tswcs2600m000)
- Work Order Activities (tswcs2110m000)

- **Owner versus user of serialized items**

The following fields are added to the Work Order Parameters (tswcs0100m000) session:

- **Allow to use Sold-to BP instead of Installation Owner on receipt**
- **Allow to use Installation Owner instead of Sold-to BP on issue**
- **Allow Installation Owner to be different from Inventory Owner**

The **Business Partner of Inventory** field is added to the following sessions:

- Work Orders (tswcs2100m000)
- Work Order Outgoing Subassemblies (tswcs4150m000)
- Work Order Incoming Subassemblies (tswcs4151m000)

- **Customer Furnished material**
The **Customer Furnished Material** field is added to the Work Order Material Resources (tswcs4110m000) session.
- **Subcontracting with material flow**
The following fields are added to the Work Order Activities (tswcs2110m000) session:
 - **Subcontractor**
 - **Supply Item to Subcontractor**
 - **Supply Material to Subcontractor**
 - **Create Purchase Requisition**
- **Material Availability**
The following fields are added to the Work Order Parameters (tswcs0100m000) session:
 - **Material Issue Constraint**
 - **Check Material Availability**The **Material Issue Constraint** is added to the following session:
 - Work Orders (tswcs2100m000)
 - Work Order (tswcs2100m100)
 - Work Order Activities (tswcs2110m000)
 - Work Order Activity (tswcs2610m000)

The Plan option is added to the Work Order Activities (tswcs2110m000) session.

- The **Assignments** field is added to the Copy Work Order (tswcs2290m000) session.
- The **Preferred Engineer** field is added in the Work Orders - Batch Repair (tswcs2500m000) and Work Order - Batch Repair (tswcs2600m000) sessions.
- The **Check Skill** field is added in the Work Order Planning/Releasing (tswcs3200m000) session.

Quality

This topic lists the differences between Infor LN 10.3 and Infor LN 10.4 in Quality.

New or changed functionality is described in these topics:

- *First Article Inspection (p. 109)*
- *Conformance Reporting (p. 110)*
- *Nominal Values (p. 110)*
- *Non-Conformance Reporting (p. 110)*
- *Handling Quarantine Inventory (p. 111)*
- *Inspection for Purchase and Sales Schedule (p. 111)*
- *Consolidation of Lots and Serials in Order Inspection (p. 111)*
- *Non-Conformance and Service Integration (p. 112)*
- *Quality Inspection Workbench (p. 112)*

The remaining differences are described in these topics:

- *Product Testing and Control (p. 112)*
- *Non-Conforming Reports (p. 114)*

First Article Inspection

Infor LN 10.4

First Article Inspection (FAI) can be used to verify if the engineering and specification requirements are met during the production, to avoid scrap or rework later.

For more information, refer to First Article Inspection.

Conformance Reporting

Infor LN 10.4

Conformance reporting for an item linked to a specific business partner, at the supplier premises is required:

- If an item's compliance to standards cannot be verified by the receiving business partner or if equipment, significant gauge, test equipment correlation problems exists.
- If the shipped items are assemblies comprising of component parts that cannot be verified except when unassembled.
- If outsourcing/Improved scheduling of parts can be realized.
- If source inspection is part of a supplier audit procedure.

For more information, refer to Conformance Reporting.

Nominal Values

Infor LN 10.3

Values only between the Norm and the Upper and Lower Limits fields of inspection orders (and for quantitative results) can be measured. The values can only be measured if the upper limit and lower limit, respectively, is greater or lesser than the norm. This limitation restricts the use of inspection when measuring values. For example, the measure values of the diameter of a shaft or a hole.

Infor LN 10.4

This restriction is removed by introducing nominal value tables where the upper or lower limit value can be greater or less than the nominal value.

For more information, refer to Nominal Values.

Non-Conformance Reporting

Infor LN 10.3

You can create a non-conformance report only for the physical material. This restricts the functionality of the non-conformance reporting for the users.

Infor LN 10.4

You can create a non-conformance report for a material and/or a non-material component. This enables the users to create a report and a disposition for a material or non-material non-conformance. For example, a report for a material and/or a non-material non-conformance, any associated process or procedural non-conformance which contributes to the material non-conformance.

For more information, refer to Non-Conformance Reporting.

Handling Quarantine Inventory

Infor LN 10.3

The user can create a non-conformance material report to record the non-conformance and subsequent disposition of affected material. However, no link exists between the required disposition in the report and the subsequent actual disposition of the non-conforming material.

Infor LN 10.4

The non-conformance material report is linked to the Quarantine functionality of Warehousing. Using specific parameters, the non-conformance material disposition can be used to control the subsequent material quarantine and disposition process in the Warehousing. LN modifies the status of the relevant disposition order and updates the status of the non-conformance material report.

For more information, refer to Handling Quarantine Inventory.

Inspection for Purchase and Sales Schedule

Infor LN 10.4

The quality Inspection functionality is included for the purchase and sales schedules. LN creates an inspection order for each receipt. You can use the inspection orders to define the data to test the quality of the items, specified on the purchase or sales schedule.

For more information, refer to Inspection for Purchase and Sales Schedule.

Consolidation of Lots and Serials in Order Inspection

Infor LN 10.3

Inspections based on sampling and sample rules, was applicable only for non-serialized items.

Infor LN 10.4

Inspections based on sampling and sample rules is now possible for non-serialized items as well as serialized and lot controlled items for all origins

For more information, refer to Consolidation of Lots and Serials in Order Inspection.

Non-Conformance and Service Integration

Infor LN 10.4

You can create Non-Conformance Material Report from Service. Link a existing NCMR to Service Objects. For more information, refer to Non-Conformance and Service Integration.

Quality Inspection Workbench

Infor LN 10.4

The inspection workbench is introduced which displays and updates all the order inspection data on a single screen. At the order inspection level, the screen displays key dates from the order origin, the aggregated information from the lower levels, maintains a count of the tests to be performed, and passed and rejected tests from all the inspection orders contained within an order inspection. For more information, refer to Quality Inspection Workbench.

Product Testing and Control

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 Product Testing and Control.

- **First Article Inspection**

The following new sessions are added:

- First Article Inspection Documents (qmptc2151m000)
- First Article Inspection (qmptc2150m900)
- First Article Inspection Rules (qmptc0116m100)

The following new fields are added:

- The **First Article Inspection Document Series** field is added to the Quality Management Parameters (qmptc0100m000) session.
- The **First Article Inspection Required** and **Owner** fields are added to the following sessions:
 - Items - Quality Defaults (qmptc0117m000)

- Items - Quality Data (qmptc0118m000)
- The **FAI Number** and **Sequence** fields are added to the Order Inspection (qmptc1620m000) session.
- The First Article Inspection option is added to the **Inspection Severity** field in the following sessions:
 - Sampling Plans (qmptc0170m000)
 - Sampling Plan (qmptc0670m000)
- **Conformance Reporting**
 The following new sessions are added:
 - Conformance Document Types (qmptc0190m000)
 - Conformance Documents (qmptc0191m000)
 - Conformance Document Sets (qmptc0192m000)
 - Conformance Reporting (qmptc0194m000)
 - Conformance Document Set (qmptc0692m000)
 - Conformance Documentation Register (qmptc1150m000)
 - Conformance Documentation Register (qmptc1650m000)
 - Conformance Register - Lots and Serial details (qmptc1530m000)
 - Conformance Documentation Register Documents - By Order, Order Line (qmptc1551m000)
 The following new fields are added:
 - The **Default Option Set** field is added to the Quality Management Parameters (qmptc0100m000) session.
 - The **Conformance Reporting** check box is added to the following sessions:
 - Testing Combinations
 - Inspection Order (qmptc1100m100)
 - The **Conformance Reporting** field is added to the First Article Inspection Rules (qmptc0116m100) session.
- **Nominal Values**
 The following new sessions are added:
 - Nominal Value Chart Name (qmptc0181m000)
 - Nominal Value Chart Type (qmptc0182m000)
 - Nominal Value Tables (qmptc0185m000)
 - Nominal Table (qmptc0685m000)
 - Tolerances Matrix (qmptc0186m000)
 The following new fields are added:
 - The **Value Type**, **Chart Name**, **Chart Type**, **Tolerance Standard**, and **Nominal Value** fields are added to the following sessions:
 - Standard Test Procedure Characteristics (qmptc0115m000)
 - Inspection Order Lines (qmptc1101m000)
 - Order Specific Inspection Lines (qmptc0151m000)
 - Inspection Order Lines History (qmptc3506m000)

- **Inspection for Purchase and Sales Schedule**
In the Quality Management Parameters (qmptc0100m000) session, the following check boxes are added in the **QM Implemented**, **Specific Inspections**, and **QM Only Recommends** group box:
 - **Sales (SLS) Schedule**
 - **Purchase (PUR) Schedule**
- **Consolidation of Lots and Serials in Order Inspection**
The **Inspection by Serials** check box is added to the Testing Combinations session.
- The **Inventory Date** field is added to the Order Inspection Lots/Serials/Stock Point Details (qmptc1130m000) and Inspection Order Lots / Serials / Stock Point Details (qmptc1131m000) sessions.
- **Quality Inspection Workbench**
The Inspection Workbench (qmptc8355m000) session is added.

Non-Conforming Reports

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Non Conformance.

New and changed functionality

- **Consolidation of Lots and Serials in Order Inspection**
In the Non-Conformance Reports (qmncm1100m000) session, the Lots / Serials / Stock Point Details option is added.
- **Non-Conformance and Service Integration**
In the Non-Conformance Reports (qmncm1100m000) session, the following order origin has been added in **Material** and **Disposition**:
 - Service Orders
 - Maintenance Orders
 - Batch Repair
 - Service
 - Service Call
- **Non-Conformance Report**
You can create a NCR for non-material conformance and add a new disposition. The following are added:
 - Material Dispositions (qmncm0107m000) session
 - Non-Material Disposition Codes (qmncm0106m000) session
 - The **Configurable Material Disposition Codes** check box in the Quality Management Parameters (qmptc0100m000) session.

- The **Non-Material** tab, **Non-Material Disposition** group box and the **Non-Material Additional Details** text box is added to the following sessions:
 - Non-Conformance Reports (qmncm1100m000)
 - Non-Conformance Report History (qmncm3500m000)
- **Non-conformance and Quarantine Handling**
The following new sessions are added:
 - Non-Conformance Handling Units (qmncm1120m000)
 - The **Reason** field, **To Item** field, and **Handling Units** is added to the Non-Conformance Reports (qmncm1100m000) session.

Financials

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Financials.

New or changed functionality in is described in these topics:

- *Enhanced transaction entry (p. 117)*
- *Inventory currency variances (p. 118)*
- *Segment reporting (p. 119)*
- *Legal requirements (p. 119)*
- *Governance, risk, and compliance (p. 120)*

The remaining differences are described in:

- *General Ledger (p. 121)*
- *Accounts Receivable (p. 122)*
- *Accounts Payable (p. 122)*
- *Cash Management (p. 122)*
- *Taxation (p. 123)*

Enhanced transaction entry

Infor LN 10.3

Entry of transactions such as purchase invoices, journal vouchers, and bank statements can be performed only in the transaction entry sessions.

Infor LN 10.4

For each user, default transaction types can be set up in the Transaction Entry Defaults (tfgld0131m000) session. You can now easily access direct entry sessions (for example, purchase invoice entry) from the menu or from the **360** sessions. In the process, data such as business partner IDs is included. As

a result, you no longer need to access the transaction entry session for the required transaction data. All General Ledger processing data such as document numbers and batches, is created automatically.

The introduction of the direct entry sessions reduces the number of mouse clicks, and allows for easy setup of role-based permissions.

For direct transaction entry, the following sessions are available:

- Direct Entry of Journal Voucher (tfgld1240m001)
- Direct Entry of Sales Invoice (tfgld1240m002)
- Direct Entry of Sales Credit Note (tfgld1240m003)
- Direct Entry of Sales Correction (tfgld1240m004)
- Direct Entry of Purchase Invoice (tfgld1240m005)
- Direct Entry of Purchase Credit Note (tfgld1240m006)
- Direct Entry of Purchase Correction (tfgld1240m007)
- Direct Entry of Opening Balance (tfgld1240m008)
- Direct Entry of Bank Transaction (tfgld1240m009)
- Direct Entry of Anticipated Payment (tfgld1240m010)
- Direct Entry of Anticipated Receipt (tfgld1240m011)
- Direct Entry of Anticipated Payment Status (tfgld1240m012)
- Direct Entry of Anticipated Receipt Status (tfgld1240m013)
- Direct Entry of Assign Advance/Unallocated Payment (tfgld1240m014)
- Direct Entry of Assign Advance/Unallocated Receipt (tfgld1240m015)
- Direct Entry of Assign Sales Credit Note (tfgld1240m016)
- Direct Entry of Doubtful Sales Invoice (tfgld1240m017)
- Direct Entry of Assign Purchase Credit Note (tfgld1240m018)

Inventory currency variances

Infor LN 10.3

Inventory currency variances can only be posted to the expense account.

Infor LN 10.4

Inventory currency variances can be posted to the inventory account instead of the expense account. This helps you to value inventory more accurately for better margin control. You can also cross-charge currency variances on the inventory for cost-based project contracts.

For project pegging, purchase invoice approval and currency differences postings are performed on project peg level. As a result, you can reconcile accrual accounts by project, and compare the reconciliation with General Ledger history by project.

Segment reporting

Infor LN 10.3

Sales and purchase invoices are posted as a single total amount to a control account.

Infor LN 10.4

For the purpose of segment reporting, the segment accounting functionality is extended: based on the order lines and cost lines, amounts are split into multiple amounts per invoice. Partial payments (for example, invoice line #1 for segment A), can now be matched with the appropriate segment and invoice line.

As a result, in Accounts Payable and Accounts Receivable, you can:

- Have a segment distribution under each control account.
- Track open entries by segment.

When a partial payment is done by a customer, the payment can either be prorated automatically, or distributed across segments manually. As a result, true segment accounting can be performed on the control accounts.

Customers who do not require segment accounting will not be bothered with additional configuration settings and dialog boxes.

Segment distribution sessions

In addition to minor changes to existing sessions, the following sessions are added:

- To view open entries by segment:
 - Open Entries by Segment (tfacp2500m100)
 - Open Entries by Segment (tfacr2500m100)
- To manually specify distribution across segments:
 - Segment Distribution (tfcmg2106s200)
 - Segment Distribution (tfcmg2107s200)

Legal requirements

Infor LN 10.4

To meet the legal requirements in several countries, the following changes apply:

- **Germany**
 - A currency column is added to the Z5 report.

- All reports can be submitted electronically.
- To meet the requirements of the *Bundesbank*, the Print Z5 Report (tfcmg3455m000) session is updated.
- The format for the *Datenträger austauschverfahren* (DTAZV) is changed.
- **Portugal**
A report is added to export payments and receipts to and from other countries for filling the Bank of Portugal's *Estatísticas de Operações e Posições com o Exterior* (COPE).
- **France**
Legal documents can be submitted in electronic form. Using flexible reporting functionality, you can create a CSV file in the Print Finalized Transactions - Flexible Reporting (tfgld1406m500) session.
- **Bulgaria**
Newly required VAT fields are added to the Tax Declaration Master (tfgld1620m000) and Protocol Tax Codes by Country (tftax0104m000) sessions.

Governance, risk, and compliance

Cross validation rules

In Infor LN 10.4, configuring cross validation rules is enhanced with the introduction of the following sessions:

- Test Cross Validation Rules (tfgld0251m000)
- Copy Cross Validation Rules Between Companies (tfgld0251m100)
- Print Cross Validation Rule Violations (tfgld0451m000)
- Print Cross Validation Rule Inconsistencies (tfgld0451m100)

Permissions

In **Tools**, the new Table Data Authorization Modeler (tldam1600m000) session allows you to set up role and user-based permissions by ledger account, dimension, and transaction type. As a result, you can further refine the rules for separation of tasks and confidential data.

Workflow

In General Ledger, the following processes are now enabled for use with ION Workflow:

- Manual journals
- Imported journals
- Recurring journals

For more information, refer to *Document authorization using ION Workflow* (p. 11)

Infor LN-Approva integration

Approva continuously monitors transactions and authorization setup. Automatically exceptions are identified and breakdowns are controlled at the time they occur. By finding and correcting errors immediately, users reduce risk, automate compliance obligations, and eliminate waste.

The (optional) LN-Approva integration provides two types of monitoring:

- **User monitoring**
Includes more than 130 predefined rules that monitor the authorization setup in LN.
- **Transaction monitoring**
Includes more than 70 predefined rules that monitor LN transactions entered by the users.

For more information on setting up the LN-Approva integration, refer to *Infor Enterprise Server Integration Guide for Approva Authorizations Insight (U9852)*.

General Ledger

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in General Ledger.

New and changed functionality

- To meet legal and corporate reporting requirements, the Print Finalized Transactions - Flexible Reporting (tfgl1406m500) session is added.
- The **Segment Reporting** check box is added to the Group Company Parameters (tfgl0101s000) session.
- The Update Dimension Options (tfgl0208m000) session is added.
- 'Project' is added to the list of logged elements. This allows you to reconcile accrual accounts by project, and compare the reconciliation with General Ledger history by project in the Operations Management - Financial Reconciliation (tfgl4595m000) session.
- The new Transactions (tfgl1102m300) session replaces the following sessions:
 - Journal Voucher Lines (tfgl1102m100)
 - Sales Invoice Transactions (tfacr1111s000)
 - Accounting Distribution (tfacp1120m000)
 - Cash Management Transactions (tfcmg2120s000)
- Customized field descriptions are now available in the Flexible Reporting Codes (tfgl0692m000) session.

Accounts Receivable

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Accounts Receivable.

New and changed functionality

- In the Invoice-to Business Partner Open Entries (tfacr2520m000) session, the **Segment Type** field is added.

Accounts Payable

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Accounts Payable.

New and changed functionality

- In the Invoice-from Business Partner Open Entries (tfacp2520m000) session, the **Segment Type** field is added.

Cash Management

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Cash Management.

New and changed functionality

- The user interface of the direct debit advice sessions now matches that of the payment advice sessions.
- Reversal flow for electronic bank statements is enabled.
In the Conversion Data for Electronic Bank Statements (tfcmg5105m000) session, the new **Incoming Receipt Reversal** attribute allows you to model this format, so you can process reversal documents received from the bank.
- To manually specify the distribution across segments, the following sessions are added:
 - Segment Distribution (tfcmg2106s200)
 - Segment Distribution (tfcmg2107s200)
- The **Segment Type** field is added to the following sessions:
 - Payment Advice Lines (tfcmg1101m000)
 - Assign Unallocated/Advance Receipts to Invoices (tfcmg2105s000)
 - Remittance Advice Lines (tfcmg2151m000)

- Bank Transactions (tfcmg2500m000)
- Matching Results (tfcmg2500m100)
- Select Receipts (tfcmg2507m100)
- Direct Debit Advice Lines (tfcmg4101m000)
- Direct Debit Advice (tfcmg4502m000)

Taxation

This topic describes the remaining differences between Infor LN 10.3 and Infor LN 10.4 in Taxation.

New and changed functionality

- In the Tax Data Extraction and Reporting (tftax1410m000) session, an additional selection range allows users to select data from the tax analysis data via the tax position setup in the Tax Position (tfgld0620m000) session.

Invoicing

This topic describes the differences between Infor LN 10.3 and Infor LN 10.4 in Invoicing.

New and changed functionality

- Infor LN 10.4 includes new functionality for additional report layouts, including the following:
 - **DD Form 250**
 - **Standard Form 1034**
 - **Standard Form 1443**
 - **Advance Payment Request**
 - **Cost Plus**
- Multiple report layouts are supported by the new **Custom Report** option in the **Report Layout** field in the invoicing method. This option is available for any invoice type other than **Progress Payment Request**.
- Invoice reversal and credit note handling is improved, now that the new Credit and Rebill command allows users to change invoice data after posting/sending the invoice to the customer.
- Goods can be sent to business partners against no charge for sampling and promotion reasons. Still customs may need to be declared, and a VAT amount still needs to be declared to customs.
- Tax-only invoices, that is, invoices where the tax amount is based on the regular retail value, are now supported.
- To meet legal requirements, handling tax rate changes with installments is facilitated with the introduction of the **Settlement Tax Date** field in the Invoices (cisl3105m000) session.

Invoicing status

The **Composed** status is replaced with status **Ready to Print**.

If Workflow is implemented, the **Ready to Print** status can be preceded by two additional statuses:

- **Ready to Submit**
- **Pending Approval**

For more information, refer to *Document authorization using ION Workflow (p. 11)*

Credit notes

In the Billing Requests (cisli2100m000) session two fields are added:

- **Transaction Type for Credit Notes**
- **Series Number for Credit Notes**

Overwriting the transaction type for credit notes now depends on a separate setting on the billing request addition. If it is not allowed to overwrite the transaction type for credit notes, you cannot enter the transaction type for credit notes on the billing request, and the default transaction type set in the Invoicing Parameters by Source Type (cisli0101m000) session will be used.

Terminology

Where previously **Advance Receipt Request** was used, this is replaced with **Advance Invoice**.

Appendix A

Glossary

A

advance shipment notice

A notification that a shipment has been sent. Advanced shipment notices are sent and received by means of EDI. You can receive advance shipment notices from your supplier informing you that goods are to arrive at your warehouse, and/or you can send advance shipment notices to your customers that the goods they ordered are about to be delivered.

Synonym: shipment notice

Abbreviation: ASN

applied rate

The rate used to calculate the internal overhead costs for the contract or the project. Example, administrative costs.

appointment

An activity type that specifies an appointment scheduled for a contact, business partner, opportunity, or activity that you want to track through completion. An appointment has invited attendees.

appropriate menu

Commands are distributed across the **Views**, **References**, and **Actions** menus, or displayed as buttons. In previous LN and Web UI releases, these commands are located in the *Specific* menu.

ASN

See: *advance shipment notice* (p. 127)

assignment

A short message, entered by a field engineer, which informs the planner or dispatcher as to whether the field engineer can be paged.

backflushing

The automatic issue of materials from inventory, or accounting for the hours spent manufacturing an item, based on theoretical usage and the quantity of the item reported as complete.

billing rate

The rate used to calculate the external overhead costs that are billable to the business partner. The billing rate is used to invoice the business partner.

bill of material (BOM)

A list of all parts, raw materials, and subassemblies that go into a manufactured item and show the quantity of each of the parts required to make the item. The BOM shows the single-level product structure of a manufactured item.

business object

A business related object, such as a purchase order or an organizational unit. A business object has information stored in the business object attributes, such as the purchase order number or the organizational unit name. A business object also contains a set of actions, known as business object methods, that can manipulate the business object attributes, such as Create Purchase Order and List Organizational Units.

From a development perspective, a business object is a collection of tables, and functions that manipulate these tables, implemented simultaneously during the development phase. A business object is identified by the combination of a package code, module code, and business object code.

change reason

The reason that can be assigned to a changed purchase document (line) or sales document (line).

component

An item that is sold, and invoiced in combination with other items as part of a kit.

conformance reporting

Indicates that an item requires a conformance document check at source inspection, which must be executed before shipment of an item. The purpose of conformance reporting is to deliver the related documents to the supplier or the third party who performs the inspection.

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.

contract

An agreement with the business partner that defines the terms and conditions like deliverables, billing plan, payment terms and so on. A contract can be linked to one or more projects.

contract deliverable

A contract deliverable is a tangible or intangible item that is produced or purchased as a result of a contract.

contract fee

An amount that is paid as an award or an incentive to the contractor, based on the terms and conditions of the contract.

contract line

An agreement of one customer with one supplier, about both commercial and logistic conditions, related to the supply of one item, during a period of time.

conversion setups

A code that defines the layout of the ASCII file that contains the message data. This code contains information on the mapping of data elements between ERP application tables and the ASCII files. Although predefined conversion setups are available, you can create your own custom conversion setups.

costing breaks

Are used to break up and redirect costs related to a project, to project pegs that are linked to specific attributes, such as items, item groups, or work centers. The project costs are no longer linked only to the top demand project peg, but are spread over lower level pegs for the specified attributes (breaks), which improves project management.

credit note

The correction form for a (partly) returned purchase or sales order. The credit note states the quantity and value of the goods concerned and the reason for the credit.

cross validation rule

A user-defined rule that allows you to indicate which combinations of GL accounts and dimension values are valid. A cross validation rule requires at least one *rule element*. Cross validation rules are applied to all transactions registered in the General Ledger. In case of multiple financial companies, validation rules can be either company-specific or applicable across all companies.

See: rule element

customer furnished material

An item supplied by the customer being used as material in the production of an end-item for that same customer.

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.

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 peg

A relationship between a planned order, or an actual supply order, and an item requirement that represents a definite commitment. LN cannot use the demand pegged supply for anything else than the pegged requirement, unless the peg is explicitly deleted.

- **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.

Related term: soft peg

document line price

The price on the document line, which is the sum of the item price and the total material price.

EDI message

A standard electronic business document consisting of an organization name and a message. EDI messages are processed as incoming or outgoing messages.

An EDI messages can concern, for example, an order acknowledgement or an advance shipment notice (ASN).

Organizations that determine EDI message standards are:

- ANSI
- X12
- UN/EDIFACT
- ODETTE
- VDA

exception

A document type or material that must be excluded from the material price calculation.

fixed transfer price (FTP)

The firm value against which an item is valued in the inventory. This value equals the item cost price, including any surcharges or discounts.

FTP also is an inventory valuation method for accounting purposes. FTP uses the fixed transfer price to value the inventory.

flexible reporting code

A code that identifies a list of fields that must be included in a customized integration or tax report. The code determines what fields must be selected, and in which order they must appear in the output file.

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.

holdback

A percentage amount that the customer withholds from the contract amount. This serves as a guarantee that all activities are performed, and that contractual obligations are met. In other words the holdback amount is paid after the project activities have been satisfactorily performed.

initial price

Item price + material base prices.

This price does not include material price surcharges.

installment

An incremental payment method used to spread invoice payments over a period of time. Installments enable you to send invoices for a sales order before or after the ordered goods are actually delivered.

integration transaction

A financial transaction that is generated through LN packages other than Financials. For each logistic transaction that must be reflected in Financials, LN generates an integration transaction, for example, Purchase/Receipt, Production/WIP Transfer, and Project/Costs of Goods Sold. LN posts the integration transaction to the ledger accounts and dimensions defined in the integration mapping scheme.

item code system

An external, alternate way of coding items. Coding systems can be general standard systems (such as EAN) or systems that are dependent on a specific business partner.

item group

Group of items with similar characteristics. Each item belongs to a particular item group. The item group is used in combination with the item type to set up item defaults.

item material content

The quantity of a material that is part of an item.

item subcontracting

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

landed costs

The total of all costs that are associated with the procurement of an item until delivery and receipt in a warehouse. Landed costs typically include freight costs, insurance costs, customs duties, and handling costs.

In LN, landed costs can be part of multiple landed costs sets.

manufactured item

The items that can be manufactured end products and subassemblies. A manufactured item is usually associated with a bill of material and a routing that describe the components used to assemble it and the manner in which it is assembled. Manufactured items are also referred to as production items and can be purchased.

material actual price

The real price of a material from a material exchange for a specific date.

material base price

The fundamental price of a material, which is used as a basis for computing material price surcharges.

For materials with fluctuating prices, material base prices prevent high material surcharges and ensure realistic initial prices.

Example

For the item Copper Wire with Plastic Coating, the major part of the price includes the copper price. The minor part of the price includes the costs of the plastic coating and the production costs for coating the copper wire with the plastic.

If one meter of plastic coated copper wire costs \$8.00, the price parts would be as follows:

- One meter of copper wire (1 kg) = \$6.978
- Plastic coating = \$0.422
- Production costs = \$0.600

To prevent the initial price being low with only \$1.022 and the (variable) material price surcharge being high with \$6.978, you can specify an (approximate) material base price for copper of \$6.500. As a result, the initial price is \$7.522 ($0.422 + 0.600 + 6.500$) and the material price surcharge is \$0.478 ($6.978 - 6.500$), which represent more realistic figures.

material price

The price of a material, which can be the following:

- The material base price, if material actual prices are not applicable (yet)
- The sum of these components: material base price + material price surcharge + material price surcharge costs, if material actual prices are applicable

material price agreement

A general arrangement by price list or business partner(s) and item or item group that includes the dates and preconditions used to retrieve materials and calculate material prices.

material price surcharge

A surcharge on top of the material base price, which is calculated by subtracting the material base price from the material actual price. Because material actual prices fluctuate, material price surcharges vary.

material price surcharge costs

Costs to cover for additional material costs, such as administration costs. These surcharge costs are calculated by multiplying the material price surcharge by a surcharge factor.

Example

- Material price surcharge = €0.432
- Material price surcharge factor = 1.5

The material price will be increased with material price surcharge costs of €0.648 ($€0.432 * 1.5$)

maximum contract quantity

The agreed maximum total quantity, expressed in the quantity unit. The maximum contract quantity must be greater than or equal to the agreed contract quantity.

OBS

See: *organization breakdown structure (p. 135)*

operation

One of a series of steps in a routing that are carried out successively to produce an item.

The following data is collected during a routing operation:

- The task. For example, sawing.
- The machine used to carry out the task (optional). For example, sawing machine.
- The place where the task is carried out (work center). For example, woodworking.
- The number of employees required to carry out the task.

This data is used to compute order lead times, to plan production orders and to calculate cost prices.

operation subcontracting

The work on one or more operations in an item's production process is outsourced to a subcontractor.

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).

organization breakdown structure

A representation of the structure of a project organization, this is usually depicted as a tree-like hierarchical structure. The organization breakdown structure is used to link the responsibilities of certain project parts, such as the allocation of a financial budget or the realization of project activities to an OBS element. Each OBS element can be linked to an employee. The OBS element is standard and can also be made project specific.

Synonym: OBS

PCM Configurator

PCM Configurator is an application, integrated with LN to configure an item. The integration can be used only as part of the web user interface.

See: Product Configuration Management

peg

A combination of project/budget, element and/or activity, which is used to identify costs, demand, and supply for a project.

penalty

An amount paid to the business partner by the contractor, in case the terms of the contractual agreement are not met.

plan

Specifies the activity structure, the schedule, and the start and end dates. You can maintain alternative plans for a single project. The active plan is the one you actually use to track progress.

planned inventory transactions

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

planned order system

The production or purchase of planned items is based on the expected demand. Planned items are planned in Enterprise Planning.

prime contractor

The company or the organization that originally acquires the contract.

production order

An order to produce a specified quantity of an item on a specified delivery date.

product variant

A unique configuration of a configurable item. The variant results from the configuration process and includes information such as feature options, components, and operations.

Example

Configurable 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.

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.

purchase requisition

A request by a user to obtain authorization for the procurement of goods and services.

A purchase requisition includes both standard and nonstandard material, cost, or service requirements. Information on a purchase requisition includes name, department, location, purchase office, and approver in the header section. The requisition line detail includes item, supplier, quantity, price, and amount.

A purchase requisition can be converted to one of the following:

- Purchase order
- Request for quotation (RFQ)

quarantine inventory

Inventory sent to a quarantine warehouse or quarantine location after initial rejection during inbound or outbound inspection, or upon completion of an operation during production.

At the quarantine warehouse or location, the final disposition of the inventory is determined:

- **Use As Is**
- **No Fault Found**
- **Scrap**
- **Return to Vendor**
- **Rework (to Existing Specification)**
- **Rework (to New Specification)**
- **Reclassify**

Synonym: Rejected inventory

Rejected inventory

See: *quarantine inventory* (p. 137)

release revision number

A number that uniquely identifies the revision of the release. The release revision number indicates the updates that are sent to the business partner.

request for quotation (RFQ)

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

You can send the RFQ to several bidders. A bidder can submit an RFQ response for the specified items.

You can record the responses, negotiate, and compare the prices and discounts that are offered by different bidders.

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

request for quotation (RFQ) lines

The lines that include the item details in a request for quotation (RFQ), such as required quantity, time to be delivered, delivery warehouse and so on.

The item lines are sent to the bidder. The bidder can respond to each item individually and also offer alternatives for the required item.

response line

A response to a request for quotation line, which includes a bidder's bid for the RFQ line. A bid offers goods or services for a certain price and terms of sale and can be considered as an offer to sell.

return order

A purchase or sales order on which returned shipments are reported. A return order can only contain negative amounts.

RFQ bidder

A request to a bidder (buy-from business partner) to provide you with an offer for goods and services.

RFQ criteria set

Includes request for quotation (RFQ) criteria and can be linked to an RFQ header. Response lines are compared and ranked based on the objective and subjective criteria in the criteria set.

RFQ negotiation

Includes the negotiations between a negotiator and a bidder regarding a response line. It contains the responses (bids) of a bidder and the counter proposals of a buyer to the bids.

RFQ response

A response to a request for quotation, which includes one or more response lines with bids. A bid offers goods or services for a certain price and terms of sale and can be considered as an offer to sell.

routing

The sequence of operations required to manufacture an item.

For each operation, the task, machine, and work center are specified, as well as information about setup time and cycle time.

sales listing

A list with information about the origin, value, etc., of invoices.

Companies established in European Union (EU) countries are obliged to use this document to make a tax declaration for their goods transactions within the EU.

LN bases the sales listing on the financial transactions that result from export transactions when the related invoices are processed.

segment reporting

Information about an enterprise's different types of products and services and its operations in different geographical areas, required by IFRS.

See: IFRS

sequence shipping information

Information regarding the sequence in which your ship-to business partner requires the items on the assembly line.

sequence shipping schedule

A shipping schedule with precise information about the production or deliveries of the requirements. This schedule can include the production or delivery sequence, and the order, the place, and the time of unloading after shipment.

service subcontracting

Allot the service related work of an item to another company. The entire maintenance or repair process, or only a part of the same, can be allotted. Service subcontracting can be used with or without material flow support.

shipment notice

See: *advance shipment notice (p. 127)*

SSP

See: *supplier stage payments (p. 140)*

standard item

A purchased item, material, subassembly, or finished product that is normally available.

All items that are not built according to customer specification for a specific project are defined as standard items. Opposite term is customized item.

A standard item can have the following order policies:

- **Anonymous**
- **To Order**

subcontracted service

The auxiliary item code for recording subcontracting operations. Items of this type also belong to the administrative items. These items are non-physical items which are used to record the subcontracting costs.

subcontracting

Allowing another company (the subcontractor) to carry out work on an item. This work can concern the entire production process, or only one or more operations in the production process.

supplier stage payments

Spread payments that are made by customers to suppliers over a period of time. With stage payments, customers can make payments for an item before or after the item is actually received. An item's invoice flow is separated from its goods flow.

Abbreviation: SSP

VAT

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

vehicle

The number of the item (vehicle) on the assembly line for which an item is required. For example, if a required item is an assembly part of a car, the vehicle number is the number of the car.

warehouse order

See: *warehousing order* (p. 141)

warehousing order

An order for handling goods in the warehouse.

A warehouse order can be of the following inventory-transaction types:

- **Receipt**
- **Issue**
- **Transfer**
- **WIP Transfer**

Each order has an origin and contains all the information required for warehouse handling. Depending on the item (lot or non-lot) and warehouse (with or without locations), lots and/or locations can be assigned. The order follows a predefined warehousing procedure.

Note

In Manufacturing a warehousing order is often called a warehouse order.

Synonym: warehouse order

WIP transfer

The transfer of the value of the work in process from one work center to the next, in accordance with a physical transfer of a subassembly to the work center where the next operation must be performed.

work order

Orders that are used to plan, carry out, and control all maintenance on items in a maintenance shop or in a repair shop. A work order consists of at least one work order header, and can have a number of activities that must be carried out on a repairable service item.

Z5 report

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

Note

For each of the report's four sections, a CSV file must be generated and uploaded to the *Deutsche Bundesbank*.

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