INFOR™

Infor ERP LN FP7

Version Definition

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Table of Contents

About this document

Index

About this document

Objectives

This document is a Version Definition Guide that describes the capabilities delivered in Feature Pack 7 GA for Infor ERP LN.

Comments?

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Chapter 1
Introduction

1

Introduction

This document is a Version Definition Guide that describes the capabilities delivered in Feature Pack 7 GA for Infor ERP LN.

The new Budget Control functionality supports pro-active budget control, including amongst others requisitions, purchase orders, cost invoices and journal vouchers. Budget controls allows an enterprise to actively set and control multi level procurement budgets, including the whole approval process during the procure-to-pay cycle.

The Customer Relationship Management functionality within ERP LN is improved significantly. One of the main additions concerns Sales Force Automation functionality, which enables a sales team to:

- Track all contact data and account data including job title, contact info and interactions like calls, appointments, paper mailings and tasks;
- Track the sales pipeline/funnel consisting of all sales opportunities from first contact to either loss or closure of the deal.

On the procurement side of the assembly control functionality, complex configured products as engines or instrument panels can be procured via purchase schedules, supported by EDI messages. Also, a 'divergent' assembly line setup is supported in which one supplying assembly line feeds multiple other lines within or across logistic companies.

Within Project, a few new functionalities are added, for example concerning the production cost visibility in projects (TP). When Project Items are manufactured in PCS, they will not appear in the WIP Cost of Project until the PCS part is finished. A feature that will enable the TP WIP to reflect the actual progress in PCS is provided, which subsequently prevents a 'cost explosion' in TP.

Furthermore, the usability of several processes, e.g. with respect to commissions and rebates, purchase requisitions and handling units is improved. In financials, a better navigation in Accounts Receivables and Accounts Payables enables amongst others a better opening towards the underlying data e.g. invoices and purchase orders of the payment receipts and invoices.

Each of these new options and capabilities, and many more, are described in detail in the remainder of this document.

Some requirements have been developed in addition to FP7. These are listed at the end of this document and are only available if solution 252405 has been installed.

Chapter 2
Common

BRQ001139 - ERP Common: Business Partner improvements

Description

The business partner screens are redesigned for all roles. The usability has improved in many aspects. Examples are: easy address creation and display, easy free text creation, the possibility to view Business partner hierarchies and the display of new tabs. These show the (open) activities, created notes and the contacts by business partner for a specific role, like to 'Sold To' role.

Business Need

Business Partners handling can be easier.

BRQ001123 - ERP Common: Commodity Code Description extension

Description

The Commodity code list is an external predefined list also known as the Harmonized Nomenclature (HN). The descriptions used in the HN are often longer than 30. The ERP LN Commodity Code table only allowed for a length 30. This has been increased to 60.

Business Need

Legal requirement and Intrastat.

BRQ001137 - ERP Common: Contacts

Description

The usability of contact has improved. Entry and maintenance of contacts is much easier. Within the contact screen, new informative fields are added and the user may add pictures. The status handling of contacts has improved as well; the user will work by default with active contacts and can view inactive contacts on demand.

Business Need

Usability contacts

BRQ001142 - ERP Common: Handling of notes for CRM

Description

The creation of a simple note has been improved. The user can easily enter notes in the customer interactions sessions such as opportunities, activities, business partners and contacts. Automatically, various tracking dates are registered as well as the created by property.

Business Need

Easy entry of notes to CRM objects.

BRQ001148 - ERP Common: Intrastat improvement

Description

It was only possible to link the Additional Statistical Information Sets (ASIS) to the Department. As this ASIS is amongst others used to determine the type of transaction (e.g. rental, repair, sale), the Department was not the right place. It has become possible to link the ASIS to the Warehousing Order Type.

Business Need

Legal Requirement

BRQ001146 - ERP Common: Order Balance

Description

The Order Balance calculation and rebuild have been changed to make sure that they are in line. The rebuild session has been rewritten in order to cater for correct results. Most important change is that the Open Billing Request Balance has been renamed to Composed Invoice Balance, as the Open Billing Request Amount caused unexpected results when working with Installments.

Business Need

The results of Order Balance calculation did not match the outcome the rebuild session.

BRQ001156 - ERP Common: Update approved conversion factors

Description

Since ERP LN F5, Conversion Factors cannot be deleted or updated if they have been approved. Within ERP LN FP7, functionality has been implemented which will allow users to update approved conversion factors. This implies that conversion factors with status 'approved' can be updated or even reset to status 'unapproved' under certain conditions.

Business Need

Maintenance of Conversion Factors.

BRQ001147 - ERP Common: Vertex web services Performance Improvement

Description

The Vertex Bridge did not really perform well. The whole integration has been rewritten, so that web services can be called directly from ERP LN, rather than using the Bridge and Infor Integration. Consequently, the Bridge can be removed from the system as well as the Infor Integration Components.

With this change, the performance has improved significantly.

Business Need

Performance improvement.

Chapter 3
Enterprise Planning

BRQ001179 - ERP Enterprise Planning: COLT based on Full Supply Time

Description

Currently ERP LN can only store one Supply Time on the Item – Purchase Business Partner session and there is only one Cumulative Order Lead Time (COLT) in the Items – Planning data session. The need is for another lead time that represents the total lead time of the supplier, which is in fact the supplier's cumulative order lead time. The current supply time will be unchanged, and be used for purchasing. The new full supply time will be used in COLT calculation only in order to visualize a cumulative lead time which is based on the suppliers' cumulative order lead time.

In addition to this, also functionality is offered to synchronize (full) supply time information between companies.

Business Need

In some situations a regular suppliers' order lead time is not applicable.

Unexpected demand may have a significant longer lead time. The supplier has to source (raw) material before he can produce and deliver. Therefore, a second supply time value, representing the Suppliers' full supply time, is required.

This will provide planners better insight in component lead times when analyzing and helping in decision making process.

BRQ001155 - ERP Enterprise Planning: Small enhancements

Description

The following (small) functional and usability enhancements have been implemented in Enterprise Planning:

- Additional Option 'Operation Subcontracted' on Planned Production Order

- Ability to define Default series for Planned Order Groups
- New Option on Resource Plan selection screen to select capacity type to be shown

Business Need

Miscellaneous topics to improve functionality and usability within Enterprise Planning

Chapter 4
Manufacturing

BRQ001151 - ERP Assembly Control: Procurement of Configured Items for Assembly

Description

Many assembly line oriented production environments are characterized by the complexity of assembling many different configurations. A configuration is determined by selecting options related to the configurable items within the product structure. In ERP LN FP7, it is possible to model purchased items as configurable items and include these in the product structure of an assembled end item. This implies that, during the configuration process, a purchased item can be configured. Assembly control, planning-, and purchase process, as well in the communication with the supplier, the configuration information of the configured purchase items is considered.

Business Need

Within assembly environments, purchased components cannot always be considered as a standard part. In many cases, the configuration process on end item level also impacts the configuration of a component which is to be sourced from a supplier.

BRQ001177 - ERP Assembly Control: Delete Assembly Orders

Description

In ERP LN FP7 it is possible to delete assembly orders which have been generated, but execution has not been started yet. This implies that assembly orders with status 'planned' as well assembly orders with status 'sequenced' can be deleted when specific conditions are met.

Business Need

Within the current Assembly Control functionality it is not possible to remove assembly orders once they have been generated. Once assembly orders have been generated, users are forced to execute these orders. This does not always have to be an issue since the assembled end items can be put into stock

and sold at a later moment. But in many environments these end items are assembled based on a customer specific configuration and therefore not easy or impossible to sell from stock at a later time.

BRQ001149 - ERP Assembly Control: Link supply line to multiple parent lines

Description

In ERP LN FP6, the Assembly Control Solution within Infor ERP LN only allows modeling of a convergent supply line structure: this implies that an assembly line (e.g. serving as a supplying line) can only be linked to one parent assembly line.

In FP7 it is possible to model 'divergent' supply line structures: a single assembly line can be linked to multiple different parent assembly lines (e.g. one supplying line linked to multiple different main assembly lines).

Business Need

Original Equipment Manufacturers (OEM) in the Automotive and Aerospace & Defense industry, are already operating, or starting to operate on a much broader, global scale. This means that their end products and components can be assembled at different geographical locations. As part of these global operations, it can be the case that these companies will assign the assembly of specific components to one or multiple specific locations. On this location, the components are assembled and delivered to different locations where the assembly of the end product takes place

BRQ001152 - ERP Assembly Control: Routing of subassemblies to supplying site based on item characteristics

Description

Within the current Assembly Control solution, it is assumed that an end item is being assembled by using all assembly lines which are part of the defined assembly line structure for this end item. As a result, assembly orders which are generated will always span all assembly lines. On all of these assembly lines, it is assumed that operations are executed to either assemble components or assemble the end item.

Within Infor ERP LN FP7, it will be possible to route the assembly of an end item over a subset of the assembly lines which are part of the 'generic' assembly line structure. The routing is based on the configuration of the end item. Part of assembly order content will only be those operations and materials which are linked to the selected subset of assembly lines.

As a result no assembly orders will be generated on these assembly lines. This implies that Assembly operations and linked materials related to the assembly lines which are not part of the subset, will not be part of assembly order content of the end item.

Business Need

Within a defined assembly line model it is not always assumed that the assembly of an item will make use of all supplying lines. Based on the selected assembly item configuration, it can be the case that no assembly operations are carried out on specific supply lines.

BRQ001150 - ERP Assembly Control: transportation times between linked assembly lines

Description

In both a multi site-, as well single site assembly line structure, it will be possible to model a transportation time (air, rail, or road) between linked assembly lines (e.g. supplying assembly line and main assembly line). This time (which should be considered as a lead time element) will be taken into consideration during Assembly Order Planning.

Business Need

In case (end) item and its components are assembled at different (geographical) locations, transportation times between locations should be taken into consideration during planning.

BRQ001153 - ERP Manufacturing: Flexibility on Constraint Expressions

Description

As part of the product configurator setup we allow more flexibility in defining (constraint) expressions.

PCF needs to influence additional fields in the customized bill of material and customized routing other than the fields already available in PCF parameters in earlier releases. Fields that can be used in constraint expressions as predefined arguments for: Length, Width, Number of Units, Net Quantity, Setup Time, Production Rate, Cycle Time and Price. Because we want to offer a generic solution it will be possible to let the customer define fields from a predefined set to a maximum of 13 new fields. The already existing fields mentioned above have been converted too to the new situation. The additional new fields are available on a new form tab in the PCF parameters session. So in all 26 fields can be used out of a larger selection. The mentioned predefined set will become available using a new domain of type enumerate.

Business Need

Ability to use many different elements from ERP LN as part of constraint expression offers most flexibility to users.

BRQ001112 - ERP Manufacturing: Integration with External Configurator

Description

It should be possible to make use of a powerful configuration modeler and configurator tool that caters for ease-of-use. This is possible by making use of a more advanced, external configuration package. An integration to BuyDesign, the configurator of TDCI, is supported. One can use the BuyDesign configurator to select relevant features and options. While saving the configuration relevant data will be transferred to ERP LN. Based on the configuration and the setup of constraints and generic BOMs in ERP LN the process can continue and relevant production structures and routings generated. This BuyDesign configuration is in addition to the Product Configurator (PCF) that is an integral part of the ERP LN package. By item (group) the configurator of choice can be set.

Business Need

Cater for an advanced and graphical sales configurator.

BRQ001157 - ERP Manufacturing: Prevent logging of zero amounts in CPR

Description

After calculation of the cost price, the (Standard) Cost Price by Item, and the Standard/Effective Valuation Prices by Item and Warehouse, will not contain cost components for which the amount, and the number of units, is zero.

Business Need

Due to many cost calculations and large cost component charts, it is required to pay attention to the growth of cost price tables in ERP LN to avoid performance problems.

BRQ001133 - ERP Manufacturing: Use of standard configurations

Description

Options have been introduced to link a set of features and options of a generic item to a standard item. This will allow using standard items for commonly used configurations rather than customized items.

Business Need

Reuse of standard items avoids unnecessary adding item information as well as facilitates easier processing of orders and projects and thereby helps eliminate waste.

BRQ001154 - ERP Manufacturing: Small enhancements

Description

The following (small) functional and usability enhancements have been implemented in Manufacturing:

- Item Physics fields 'Material', Size', and 'Standard' enlarged from 8 to 30 digits.
- 'Slack Time' domain has been enlarged from 4 to 5 digits.
- Graphical Tree view on (Multi level) Generic BOM.
- 'Close Projects' session Multiple B-Shell enabled.
- Improved performance of 'Generate EBOM copy Data' process.
- New Parameter 'Post to Inventory when reporting on last operation' to control posting of main item to inventory.
- Message to indicate that Man Occupation for set-up is zero' when field 'Average Setup Time' is set to a value not equal to zero.
- Additional option 'Include Standard Subassemblies' allowing users to include items, which are defined as subassemblies in an Operation Subcontracting with material flow process, in cost price calculation.
- Process 'Build Assembly Part Allocation' is run automatically when a Line Station Variant - Assembly part is either modified, inserted or deleted.
- Field 'Extra information' has been added to Item data (defaults) and E-item data and is defaulted to (generic) BOM line.
- Improved error handling, and properly printing of error messages in EDM.
- For several sessions a range of order groups can be used rather than just one single order group.
- Additional option in BOM to replace a customized item by standard item.
- PLM Integration extended to support the creation and/or update of Engineering Modules in ERP LN.
- Additional view on Line station Orders based on Assembly line and Planned Start Time.
- Introduced Item Signal on Engineering Item Revision.

- Ability to set an initial start date when using backlog offset option on the sequencing engine
- Possibility to define a sequence time fence when sequencing in order to fix assembly order sequence within the time fence

Business Need

Functionality and usability improvements.

Chapter 5
Order Management

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5

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BRQ001172 - ERP Order Management: Commissions and Rebate enhancements

Description

The changes in Commissions and Rebates are both technical and functional. The usability has been improved. The main functional change is that financial integration transactions are available for the reservation of rebates.

Business Need

Multiple customers were asking for financial transactions for reserved rebates.

BRQ001140 - ERP Order Management: CRM Activities

Description

Within the relation management module, the user can create, updated and manage activities. A screen containing an overview of calls, appointments, emails and tasks is offered which shows all (open) activities filtered for an employee, a contact or a business partners. The same activities are also shown in the business partner screen, the contact screen or opportunity screen when the references of the activities link to business partner, contact or opportunity respectively.

Various activities are synchronized with MS-Outlook.

Next to this, an additional activity type has been added, i.e. the activity type mailing. This activity is automatically generated the moment the mail merge process is executed.

Business Need

Easy management of calls, appointments, emails and tasks.

BRQ001141 - ERP Order Management: CRM Activities - Outlook integration

Description

CRM activities and Contact are integrated to MS Outlook using the Infor Synchronizer. The CRM activities which are integrated to MS Outlook are appointments and calls. Contacts are synchronized as well. The appointment and calls are synchronized in a 2-way mode, which means that appointments or calls created in MS Outlook are synchronized with ERP LN, but also that appointments or calls created in ERP LN are synchronized with MS Outlook. The synchronization of contacts is in one direction only, i.e. from ERP LN to MS Outlook.

Business Need

It is required to synchronize CRM activities with Microsoft Outlook.

BRQ001169 - ERP Order Management: CRM Dashboard and SRM Dashboard

Description

The Relation Management Dashboard (tdsmi1500m000) is renamed in CRM Dashboard.

The purchase related functionality is removed from this dashboard and a new dashboard is created. This new dashboard is called SRM Dashboard (tdsmi1500m100).

Business Need

It is required to have two separate dashboards: one for a customer and one for a supplier.

BRQ001114 - ERP Order Management: Customer Order and Delivery Points

Description

Sales schedules have been extended to utilize customer information in various processes including conversion of external and internal codes, pass-through functionality, determination of the sales contracts, shipment building, deviation of customer order number, delivery documents and invoice creation.

Business Need

Material Releases and Shipping Schedules send by an OEM contain information that is used to identify uniquely a schedule. Business partners, who are working according to VDA recommendations, do exchange information like customer plant, unloading point, customer part number, and customer order number, to achieve this goal.

BRQ001170 - ERP Order Management: Electronic Data Interchange

Description

The supported EDI messages have been extended with:

- Pick-up sheet message
- Self Billed Invoice Message
- Additional Information fields in schedule messages

Business Need

EDI messages needed to be extended to support automotive requirements

BRQ001110 - ERP Order Management: Installments Phase I

Description

Since its introduction in B5, the Installments functionality has been disagreed with by lot of customers. Mainly the reasons were related to Tax issues or currency issues.

As a consequence, the current Installments functionality cannot meet legal standards. Due to more strict Tax regulations and auditing processes, the Installments functionality became less usable. So customers that need to meet legal compliance cannot use the Installments functionality anymore and only use Sales Order Line Invoices.

In general the flexibility and traceability of the Installments functionality could be improved.

Phase I contains the following changes:

- Order Balance restructuring. Order Balance and rebuild are not in sync. Also the Open Billing Request Amount is changed into the Composed Invoice Amount.
- Acceptance Date has been added.
- Open Entries are changed: Installments can be recognized.
- Advance Installments Paid is added.
- Project as Logged Element for Integration Transactions.
- Username who changed the Installment has been added.

- Cancelation/currency rates: when canceling an installment, the original currency rates are used.

Business Need

Legal requirement.

BRQ001171 - ERP Order Management: Integration with Infor SCM Order Promiser

Description

Sales orders that are entered in ERP LN can now be processed in SCM Order Promiser 2.5. After the Promising process the ERP LN Sales Order Lines are updated. This integration has also been made available in LN FP6.

Business Need

Several customers that are in the process of implementing ERP LN and Planner have expressed an interest in Order Promiser functionality. SCM Order Promiser combined with SCM Planner provides functionality to check against finite capacity.

BRQ001138 - ERP Order Management: Opportunity management

Description

The usability of opportunity management has improved. It is easier for the user to create, update, assign and manage opportunities including its references to other parts of ERP LN. The status and progress of the opportunity can be monitored and managed in an easy way by the sales rep. New is the option to add items and generate a quotation from the opportunity.

Business Need

Better handling of Opportunities

BRQ001174 - ERP Order Management: Product Catalog for Requisitions

Description

The product catalog functionality was already available for ERP LN Sales Orders.

Product catalogs can now also be used in Requisitions. The user can select an item for the requisition from a catalog.

Business Need

In some business environments like e.g. hospitals, it is required that a requestor can select the requested items from a catalog.

BRQ001168 - ERP Order Management: Sales Schedules

Description

The following small enhancements have been implemented for sales schedules:

- Report that provides an overview of the ordered, delivered and to be delivered quantities of a sales schedule
- Improved visibility of schedule revisions
- Sales schedules Pay on use support for warehouse transfers from customer to LSP warehouse.
- Functionality to create a separate backorder if no planned warehouse order is available to carry forward to.
- Functionality for communicating only sequenced shipping schedules without sending a material release. This functionality is available for both sales and purchase schedules.

Business Need

Miscellaneous topics to improve functionality and usability of sales schedules.

BRQ001167 - ERP Order Management: Small Enhancements

Description

The following small enhancements have been implemented:

- Automatic freight amount calculation when recording a sales order line.
- Add option "fixed warehouse-single delivery" on ATP Handling session.

- Synchronization of change order sequence between Purchase and Sales.
- Option to add manual activity in the sales order procedure prior to activity 'Release to Invoicing', that can only be executed after the delivery process has been completed.
- Improved currency handling in Statistics.
- Suspend the processing of generated sales orders until to order is completed.
- Improved performance of release to warehousing.
- Print return reason on purchase return order.
- Total order weight can be calculated and displayed on the sales and purchase order.
- Back orders for ship kits for shipping constraint "ship kit complete".
- "Insert from catalog" option on Sales Quotations and Purchase Requisitions.
- The ability to display pictures has been introduced including purchase/sales orders and product catalogs.
- The Suppliers ASN Number is displayed on several sessions within Purchase.

Business Need

Miscellaneous topics to improve functionality and usability in Order Management

Chapter 6
Warehouse Management

6

BRQ001162 - ERP Warehouse Management: ABC- & Slow-Moving Analysis to Include (Long) Past and Future Demand

Description

The system uses historical demand in ABC- and slow moving analysis. In previous releases this functionality was only able to look back into the past 12 months historical demand when determining the A, B or C indicator for a given item.

It is now possible to look further back into the past with "actual consumptions" and into the future with demand (actual, planned and forecast) when calculating the ABC code for a given item.

Items with a C rating and a lot of expected future demand will then have an A rating and the customer will have better control of inventory for these items.

Business Need

ABC- & Slow Moving analysis must be extended.

BRQ001159 - ERP Warehouse Management: ASN Procedure Improvements

Description

ASNs (Advance Shipment Notices) may be critical to improving efficiency and reducing errors during the receiving process. To view ASNs and ASN errors (through EDI) and to analyze supplier ASNs in a multi-site environment, it is necessary to obtain a centralized overview (from one logistic company) of all ASNs processed in the entire multi-site environment. Furthermore, it must be possible to print this information in Excel spreadsheet format.

When ASNs are used in receiving processes, often the "Supplier's ASN Number" is used and not the "Shipment Number" generated in ERP LN from the EDI message.

Previously, when a receipt was processed using a Supplier's ASN Number, the system only looked for a "Shipment Notice" via the ASN References. This caused errors when an EDI message was sent (electronically) by the Supplier, and no shipment notice was created in ERP LN.

Now, when the system cannot find the Suppliers ASN Number in ERP LN at the time of receipt, an additional check is performed in the "Receive EDI Messages Errors" session (ecedi7151m1000) to check for the presence of this EDI message and display any error messages to the user.

It may occur that a supplier made a mistake on the first ASN (i.e. quantity, pack slip number, etc.) and tries to send a revised or canceled ASN.

Previously, this second ASN with the most up-to-date information went into an error. This could result in receiving discrepancies in case a receipt was linked to the first (incorrect) ASN.

Now ERP LN supports the process of receiving revised and canceled ASNs from suppliers. Suppliers can be internal suppliers (multi company) or external suppliers using an EDI provider.

Business Need

Advance Shipment Notice and EDI Process Enhancements

BRQ001161 - ERP Warehouse Management: Cross docking Enhancements

Description

Within ERP LN cross-dock orders can be triggered automatically when an order is released to warehousing, either in case of time-phased shortages or always.

However, later on at the moment of generating the outbound advice it may be the case that additional inventory has appeared e.g. due to cycle counting activities or inventory adjustments. Previously, in such a scenario the outbound sessions in ERP LN did not automatically allow the process to continue when a cross dock order was linked to the outbound order. Nevertheless, in some cases it is desired to advice the available inventory instead of executing the cross-dock orders. This (alternative) procedure is now supported without user intervention, during which the system cancels an existing cross-dock order when the advice generated.

If cross-dock orders are triggered automatically using the "When Time-Phase Inventory Shortage" option, on hand inventory and planned inventory transactions are taken into account to determine a shortage on the planned delivery date of the order to be released. However, suppliers are not always accurate in supplying goods at the agreed planned receipt date. If a receipt from a supplier is overdue, a cross-dock order is required to optimize the warehouse process. Previously, no cross-dock order was generated as there was no expected shortage based on the planned receipt date.

For scenarios where one cannot rely too much on the planned receipt date, it is now possible to exclude planned inbound transactions from the time-phased inventory shortage check. Only current inventory and the planned issue transactions are then taken into account.

Business Need

Cross docking procedure enhancements.

BRQ001163 - ERP Warehouse Management: Cycle Counting of Zero Stock Points

Description

When cycle count orders are generated, zero stock points must be present on the counting list (optionally). In other words, it must be possible to count all 'zero inventory' in a warehouse, for example for the year end counting. Zero stock points may result from (outbound) inventory transactions, but may also be new stock points related to newly entered items for which transactions have not taken place yet.

Business Need

Zero stock points must appear on the cycle counting list.

BRQ001165 - ERP Warehouse Management: Inventory by Location Type

Description

Inventory sessions give information about inventory in storage locations, as well as process information on inventory (blocked, allocated, etc.). In addition to information on warehouse level or detailed stock point level, the user is given insight in inventory on the different location types (receipt, inspection and staging), which is useful in the inbound- and outbound process.

In case of an outbound shortage the user would like to know how much inventory for an item is received but not yet put away, or whether there is any rejected inventory that can be used.

Business Need

Inventory information by location type.

BRQ001164 - ERP Warehouse Management: Labeling of Received/Issued Goods

Description

Many customers want to print labels for items that are received or shipped, also without the use of the Handling Units functionality. This is now supported in ERP LN.

Business Need

Labels must be printed for received/issued items, irrespective of the use of Handling Units.

BRQ001158 - ERP Warehouse Management: Extended Transport Document

Description

Mainly for the Italian market a specific fiscal document needs to be printed to accompany goods which are transported from one location to another. This document of transport is applicable together with the Delivery Note. This means that two documents need to go with the goods: the Delivery Note and this specific Transport Form.

The Transport Form should be completed by the supplier and then retained by the carrier in the vehicle, for the duration of transport. It identifies the parties involved in the contract of freight (carrier, customer, supplier, owner of the goods) and contain the type and quantity of goods carried, and the points of loading and unloading of merchandise as well as a transshipment point (if applicable), which may be a harbor of some sort.

Business Need

Legal Transport Document

BRQ001160 - ERP Warehouse Management: Order Visibility on Rejected Inventory

Description

The overview of rejected inventory must display more details on the originating orders. As there can be partial deliveries on e.g. a purchase order and multiple rejected receipts on one and the same order line, the level of detail must be increased when working on goods rejection / inventory disposition. This implies that the complete originating order, set, line and sequence must be displayed.

Business Need

More detailed insight in rejected inventory.

BRQ001166 - ERP Warehouse Management: Return of Handling Units

Description

The administrative process for returning Handling Units within ERP LN must be improved to resemble the actual physical process that takes place. This implies that the original Handling Unit code is used and not a copy, in case entire handling units are returned by the customer.

Business Need

The return of handling units within the system must resemble the (physical) reality.

BRQ001083 - ERP Warehouse Management: Streamline the Use of Handling Units in the Shipping Process

Description

ERP LN offers the possibility to generate and manipulate handling unit structures in the shipping process.

One of the available features is the possibility to compose mixed handling units, which are handling units containing different items of various shipment lines. The process for composing mixed handling units was rather cumbersome and not very transparent in preceding Feature Packs. Moreover, the manipulation of handling unit structures could also impact the structure of the administrative shipment, resulting in an increase of the number of shipment lines. In real business practice this is not always desired.

The process of composing shipment-related handling units has been improved significantly in FP7. The process and the user interface are much more self-explaining and transparent. In addition to this, the rigid link between the structure of the shipment and the handling unit structure has been removed. Changing the handling unit structure will not have impact anymore on the structure of the administrative shipment.

Business Need

Shipping goods is a daily operational process which should be transparent to warehousing personnel and which should reflect the real business practice as good as possible.

BRQ001182 - ERP Warehouse Management: Small Enhancements

Description

To improve usability and functionality several small changes have been made.

This includes:

- It is now possible to determine the delivery note number based on a number group and series, similar to the way in which most numbers in ERP LN are generated.
- It is now possible to define on a more detailed level if delivery notes need to be printed.
- To improve the Ship Kit procedure, also the top kit is now visible on the warehouse order.
- The inventory valuation report is available in flat format, to allow easy loading into spreadsheet applications.
- Mainly to support automotive requirements, the Customer Order Number is included in warehouse outbound order lines and optionally used as a shipment building criterion.
- A new parameter indicates if production/purchase variances are posted against the current date, the receipt date or the closing date.
- A default supply system and supply warehouse have been added on warehouse level, to be retrieved when Warehouse - Item records are generated automatically.
- All settings and options that are available in the batch sessions of warehousing procedure steps are also available when these procedure steps take place automatically within Flexible Order Processing.
- Per warehouse receipt origin it can be defined whether the use of a packing slip number is mandatory. (This parameter used to only apply to purchase orders.)
- The option to automatically generate a new inbound/outbound run number per Job is now available.
- It is possible to link multiple blocking reasons to serials which are linked /assigned to a blocked stock point. (The current restriction of having a maximum of one blocking reason has been removed.)
- It can be determined on warehouse level that items are blocked during cycle counting.
- Cycle count- and adjustment order history is available.
- Main item is printed on outbound documents (in addition to the components).
- Packing slip reprint also contains the original printing date.
- Multi-level components of manufactured items can be printed on the 'Manufactured Items Inventory' report.
- Cost information is stored and displayed on cycle counts and inventory adjustments.
- Valuation price for inventory adjustment- and cycle count orders is now dependent on item-related settings; this implies that not always the fixed transfer price is used.
- It can be defined on warehouse level that during an inbound advice run the expected available capacity of a location (with finite capacity) is based on the 'actual available capacity'. This implies that the expected increase of available capacity due to existing outbound advices is ignored, to avoid put away problems in case the outbound has not taken place yet.

- It is possible to add text to purchase- and production order advices.
- The removal of (old) warehouse orders can (optionally) trigger the removal of the corresponding (old) shipments.
- It is now possible to generate an inbound advice to a 'fixed' multi-item storage location that is not defined as 'fixed' for the item on the advice.
- In case of direct deliveries, Advance Shipment Notices received via EDI will not always automatically confirm the corresponding goods receipts. Based on a new parameter, the activity "Receive Direct Delivery Lines" can be done manually to allow the user to intervene or the e.g. postpone the actual receipt until the customer has confirmed that the goods have arrived.
- Improved time tolerance defaults on manual warehouse transfer orders.

Business Need

Functionality and Usability improvements to benefit the users of ERP LN Warehouse Management

Chapter 7
Freight Management

7

BRQ001184 - ERP Freight Management: Small Enhancements

Description

To improve usability and functionality several small changes have been made:

- To support Automotive requirements, the new Customer Order Number has been introduced to manipulate the shipment building (freight planning) functionality.
- Currently the distance calculations based on city is looking for distance definitions by from- and to city (including state and country). It must be allowed to use larger areas, such as states, for distance definitions.
- Modification of the planned, earliest and latest (un)load dates on freight orders has been improved with regard to usability.
- The freight cost amount on the sales order line is calculated automatically, if price books have been set up.

Business Need

Automotive shipment building constraints must be implemented.

Easy setup of distances.

Easy modification of planned (un)load dates on freight orders.

Additional Requirements Introduction The requirements described in this paragraph have been developed on top of ERP LN FP7 and are only available if solution 252405 has been installed.

BRQ001129 - ERP Financials: A/P and A/R Navigation Enhancements

Description

Accounts Payable: improved navigation, from the A/P dashboard, to payments and other documents that are linked to invoices. Easy navigation between invoices and payments, and, optionally, purchase order lines and receipts. The solution enables a number of views on payment and invoice data, to be able to monitor the payment procedure progress.

The topic includes a number of reports, including a parameter-based one that exports order-invoice-payment data for viewing the data in e.g. Excel.

Accounts Receivable: similar improved navigation, from the A/R dashboard, to receipts and other documents that are linked to invoices. Easy navigation between invoices and receipts. The solution enables a number of views on receipt and invoice data, to be able to monitor the receipt procedure progress.

Business Need

Enhance the navigation between invoices, payments, and linked documents, and (optionally) purchase orders and receipts.

BRQ001104 - ERP Financials: Additional Integration Analysis Reports

Description

A new session has been made to offer 2 reports for the additional analysis of integration transactions.

The reports are based on both integration and reconciliation transactions that have been logged and stored.

The purpose of the reports is to give the user a comprehensive overview of all transactions related to (a range of or particular) business object(s). One report is reconciliation data oriented, the other report is financial data oriented including the used ledger account and dimensions.

The transactions reported for a certain business object (for example a purchase order) include those transactions for related objects (for example the related inventory transactions).

Additionally, the financial report data can be presented in an ASCII output format can easily be imported in e.g. MS Excel. Using pre-definable report codes, the end user can decide which fields must appear in the output, and in what sequence. Basically, all properties of both integration and reconciliation transactions are available for that purpose. This also holds for those properties that are not presented in the standard report.

Business Need

It is required to have an overview of all financial transactions produced in a certain business flow for a specific business object, up to or starting from the inventory transactions. For example, for a particular purchase order, all related transactions should be made visible, including all related inventory transactions that update the inventory level.

BRQ001130 - ERP Financials: Additional Receivable Invoice Specification Reports - Multi-company

Description

The Print Receivable Invoices Specifications session (tfacp1432m000) has been extended with a multi-company option. Four reports have been added that show the data across the companies within a group.

Business Need

Receivable invoice specification reporting across the companies of a group must be possible.

BRQ001099 - ERP Financials: Additional Tax Analysis Data

Description

Firstly, 6 user-definable additional information fields are available for tax analysis. These additional fields may be defined by the end user for both non-finalized and finalized tax transactions, using the new functionality of 'Additional Information Fields'.

Additionally, the Shipment Date has been added for sales tax transactions. This date is defaulted from the invoice date.

In the standard, the new additional fields are available for both the existing display sessions and for the new tax extraction end reporting tool (BRQ001100).

The new fields will be accessible for data entry until the tax transaction has got a status equal to or beyond 'finally printed' or 'selected for declaration'.

Additionally, some other properties, such as business partner tax ID, will be maintainable until any of these statuses is reached.

Business Need

Additional fields needed in tax analysis. Some fields must be maintainable until a final status is reached.

BRQ001132 - ERP Financials: Budget Control Module

Description

Budget Control is an integrated information system that tracks and controls budget-related business transactions. Financial health is continuously monitored by capturing sources and uses of budgets as they are committed and realized. Real-time budget checking prevents unauthorized deficits.

Budget Control is designed to integrate accounting and budgeting functions into underlying business processes. Accounting distributions are retrieved from the appropriate policy levels, such as requisition entities, vendors, or purchased commodities. The relationship between accounting and budgeted funds is automatically determined through rollup structures. When a funds exception occurs, conditional workflow ensures that it is dealt with expeditiously.

Budget Control enables financial managers to define precisely how and when budgets are controlled.

Different levels of obligation are monitored in the budget control system:

- Commitments: represent the start of a spending process through the generation of a Purchase Requisition. A commitment sets aside an estimate amount from the budget. This prevents other commitments that could exceed the budget. A commitment is not a legal obligation.
- Encumbrance: an obligation in the form of a purchase order, contract or salary commitment that is chargeable to an appropriation, and for which part of an appropriation is reserved.
- Expense: also called expenditure, is an outflow of money to a business partner, person or other party to pay for an item or service, or for a category of costs. Budget Control is a functionality used mainly by government institutions/agencies, city councils, hospitals etc. in short customers whose output is not measured by sales but whose resources and activities are financed by means of subsidies, endowments, federal budgets, grants etc.

These budgets are normally maximized and for an institution these budgets form the maximum spending amount per year/period, whether for specific departments, specific projects or the institution as a whole.

It does not matter where these Budgets come from, but they need to be translated into a budget that needs to be managed and monitored actively. For example, a specific grant is given to a hospital by the state government for cancer research, to be spent in 2010.

This opposed to a normal (internal) budget that is mainly used for costing analysis in i.e. a production company. An example is the cost budget for marketing expenses in a commercial company.

Business Need

In many sectors not exclusively the not-for-profit sector there is a need to control available funds.

BRQ001117 - ERP Financials: Duplicate Purchase Invoice Checking Enhancements

Description

Additional options and parameter settings have been added to prevent end users from entering the same purchase invoice twice. These options can be fine-tuned and overruled at business partner level.

Examples of additional options are:

- A check on duplicate amount in combination with invoice date;
- A duplicate amount in combination with purchase order number;
- A check for business partner independency;
- A check for cross-company supplier invoice number.

Business Need

An enhanced checking mechanism is required to prevent users from entering the same purchase invoice twice.

BRQ001122 - ERP Financials: Enhanced Authorizations for Payment and Direct Debit Batches

Description

Payment and direct debit batch approval has been enhanced, in order to be compliant with Sarbanes-Oxley regulations, and especially for implementation in larger organizations.

More than one super user can be defined, and by user type, the authorization level, as to what kinds of batches can be approved, can be defined.

Business Need

Both larger organizations and Sarbanes-Oxley regulations require the payment approval authorization to be slightly enhanced.

BRQ001119 - ERP Financials: Enhanced Session for Cost Invoice Entry

Description

A new session for faster cost invoice entry has been developed. In this session, both header and lines can be entered. Combined with enhancement BRQ001118 (improved defaulting of cost invoice line data), the entry of cost invoices is easier.

Business Need

Cost invoice entry should be improved.

BRQ001113 - ERP Financials: Number of Dimensions extended

Description

The number of flexibly definable ledger account dimensions has been extended from 5 to 12.

Business Need

This is required for customers that migrate from other systems to ERP LN.

BRQ001105 - ERP Financials: Fixed Asset Adjustment Date in Accounts Payable for Investments

Description

In order to meet with the German legal requirement, an adjustment date field has been added to cost invoice lines in order to be able to adjust assets independent of the document date of the invoice.

Business Need

In Germany, it is legally not allowed to change the document date of the invoice in order to get an asset adjusted by another date.

BRQ001180 - ERP Financials: Freight-related Accounts Payable Reports

Description

Similar financial reports as available for purchase orders have been made available for freight orders. These reports include:

- Loads / shipments /clusters by business partner and related to invoices;
- Matched and approved freight order related invoices;
- Receivable freight order related invoice specifications.

Business Need

Freight order related financial reports must become available.

BRQ001125 - ERP Financials: Improved Transaction Schedule Entry

Description

The entry of transaction schedules has been enhanced by making the session multi-line.

Business Need

Transaction schedule entry should be improved.

BRQ001118 - ERP Financials: Ledger Account Defaulting by Business Partner for Expense Distribution

Description

By invoice-from business partner, it has been made possible to define account defaults for cost invoices.

As a default, the user may define either a transaction schedule or a ledger account. One of the two will be used to default the cost lines of received invoices. This functionality applies to cost invoices, additional cost line of order-related invoices, and recurring journals of class 'payment'.

Business Need

Cost invoices, received from a certain business partner, often require a standard expense distribution. A proper defaulting of the expense accounts would improve the purchase invoice entry process.

BRQ001091 - ERP Financials: Payment and Receipt Schedules for Credit Notes

Description

Some credit notes can have schedules others not. As long as payment in not made, it will be possible to add/modify/delete schedules. If there is a schedule header attached to the terms of payment, then it is used to create schedules for the credit notes. The payment/receipt schedules are created during the creation of the credit note based on the lines for the payment/receipt schedule header.

The payment/receipt dates and method should be picked up from the payment/receipt schedule defined in the terms of payment linked to the invoice, in order to print on the final and draft invoices.

Business Need

In Spain it must be possible to create schedules on credit notes and process these schedules in several ways.

BRQ001181 - ERP Financials: Reminder Diary - Notes and Activities

Description

The registration of both notes and activities has been enabled for the A/R reminder procedure.

At first, the activities functionality, as described in BRQ001140 for CRM activities, has also been made available for the reminder procedure. From the reminder diary session, the credit analyst can register activities (calls, appointments, tasks) related to the particular business partner.

Moreover, it is possible to register notes at business partner or at invoice level, according to the functionality described in BRQ001142 for CRM related notes.

Business Need

Registration of notes within the A/R reminder process.

BRQ001100 - ERP Financials: Tax Data Extraction and Reporting Tool

Description

A new tool enables a user-controlled extraction of both primary and related tax analysis data. The extraction result can be subsequently imported into applications like Excel, BIRT, or Access, for further aggregation, elimination, and reporting of the extracted data.

The new tax analysis fields (BRQ001099), as well as some new properties of the financial company (business type, line of business, and representative), are also available for tax data extraction.

Business Need

A tax data extraction tool which extracts the tax analysis data in a user-controlled way, for further processing in tools such as Excel, BIRT, and Access.

BRQ001121 - ERP Financials: Small Enhancements Accounts Payable/Receivable

Description

- Write-off payment differences: the sessions should default to a simulation mode.
- Business partner statements: the statements must be suppressed if the balance is negative or zero.

Business Need

Small improvements are needed in the write-off payment differences, and business partner statement processes.

BRQ001124 - ERP Financials: Small Enhancements Cash Management

Description

- Option to automatically finalize payment and direct debit batches after posting.
- User interface: show all data on one tab in the payment reconciliation session.
- CMG parameters: more options for multi-company selection of invoices for payments and direct debits.

Business Need

Cash management processes need some optimizations.

BRQ001126 - ERP Financials: Small Enhancements General Ledger

Description

Small enhancements to sessions and processes:

- Multi-line entry for recurring journals.
- New session for batch status inquiry; printing also based on batch number.
- Reprint journal option in the Finalization Run Numbers session.
- Two tabs combined in session Attach Batches to Finalization Run.

Business Need

General ledger processes and sessions need some optimizations.

BRQ001143 - ERP Project: Integration with ERP Service

Description

The integration between Project and Services up to FP7 only allows limited functionality regarding Costs roll-up. All Service Costs roll up to Project as Labor Costs, even when Materials are used in Service. In order to provide a possibility to use Service as the execution level of the Project, the Service Costs need to be mapped to their respective Cost Types in Project. To achieve this, on the level of Project Activity a mapping can be done to the Service Activity. This ensures that Project Budget and Project Costs originating from Service are in sync.

Business Need

The current Project-Service integration is too limited. The link between Project and Service is re-designed.

BRQ001144 - ERP Project: Phantom Items

Description

If an engineer needs for example 25 components as a standard package to take from the warehouse before visiting a customer, these 25 components need to be picked manually with a reasonable chance of forgetting one piece.

The phantom item concept has been introduced in ERP LN Project to cater for this; the phantom item can be raised on an Activity Budget line and this item will be exploded when the Warehouse order is created. This guarantees that the whole set of components will be picked from the warehouse.

Business Need

Customers are not able to deal with components that are part of a kit.

BRQ001178 - ERP Project: Small Enhancements

Description

To improve usability and functionality several small changes have been made.

This includes:

- Extended Project Selection session with selection by user.
- Added Project Selection session to many sessions.
- DAL2 applied to PRP Purchase and Warehouse Order Lines.
- As part of performance measurement added display of CPI and SPI figures.
- Added External Sales Rep and (BP) contact to Business Partners by Project session.
- Extended display and printing of employee for sundry cost transactions (useful in Project Service business).
- Added display of quantity, sales rate and amount for cost plus transactions overview.
- Option has been added to show the chosen features and options of a configured item on a budget.
- Terminology for performance measurement actualized: instead of BCWS use Planned Value.
- Split posting type Inventory/Price Variance/Price variance (Rev.) for cost approval and processing into three types.

Business Need

Functionality and Usability improvements.

Chapter 10
Service

10

BRQ001135 - ERP Service: Generate Service Order Quotation from Service Call

Description

It is made possible to generate a Service Order Quotation from a Service Call.

Business Need

It was already possible to generate a Service Order from a Service Call. It is also required to generate a Service Order Quotation from a Service Call.

BRQ001175 - ERP Service: Hiding of the Paging functionality

Description

With a new parameter it will be made possible to switch-off the paging functionality in ERP LN Service. If this parameter is not set the existing Paging functionality will not be visible anymore.

Business Need

Pager as a communication tool is not used anymore in the business. Communication is done via mobile phones.

BRQ001173 - ERP Service: Replace (dummy) Serial Numbers

Description

For updating a serial number the following sessions are available:

- Replace dummy serial number (tscfg2210m700) (already existed)
- Replace serial number (tscfg2210m800) (new) In session tscfg2100m000, tscfg2100m100, tscfg2110m000 a Specific Menu option is available which clears the dummy field.

Business Need

Maintenance on serial numbers was hardly possible.

BRQ001134 - ERP Service: Service Contract and maintenance plan

Description

When generating a maintenance plan it is possible to generate only a plan for an active contract period.

Business Need

It is not allowed to generate planned activities when those activities are not backed by an active Service Contract.

BRQ001136 - ERP Service: Small Enhancements

Description

The following small enhancements have been implemented:

- Set Order Complete or Activity Complete in session Assignments (tssoc2505m000).
- Step size parameter added for Cluster Lines, Contract Lines, Service Order Lines and Maintenance Sales Order Lines.
- Two new sessions for copying a service quotation are available: tssoc1280m000 and tsepp2280m000.
- Service Call can be generated from a Service Order Activity.
- In the Activities Overview (tssoc2100m100), the icon for "Set Activity to Complete" was missing. This has been added. An icon was already available to set the Service Order to Complete.
- The field "Invoice Sales Amount" was editable for the Actual Material and Labor Cost Lines, but not for the Actual Other Cost Line. This could cause data inconsistency so all Invoice Sales Amount fields have become derived and read-only.
- Descriptions have been added for Cluster, Reported Problem, Expected Problem, Expected Solution, Required Activity and Item in session Support Engineer Call Queue (tsclm1517m000).
- When pressing "Cancel Contract Installments" button from session Contract Installments (tsctm4100m000), the contract number is defaulted on the form, from the parent session. This

prevents a dangerous situation, because when the user pressed "Continue", and the session was run wide-open, all Service Contracts were messed up.

- Tool status is set to Available when service activity is completed.
- When creating a new Serialized Item (tscfg2100m000), entering some info in the project field and press zoom, the characters entered are now taken into account when zooming.
- The field "Contact" has been added to the Service Order - Lines session (tssoc2100m100)
- Item Description has been added to Service Order Activity - Lines (tssoc2110m100).
- Text option has been added to session Inspections (tssoc2550m000)
- Value of Total Invoice can now be defaulted from the Service Order Parameters and Maintenance Sales Parameters.
- Field Customer Number has been made multi-byte.
- Service Order generated from Serialized Item Dashboard.
- First free number logic for Cluster Codes.

Business Need

Small enhancements received from several customers.

BRQ001116 - ERP LN: Terminology Improvements

Description

The next terminology changes have been implemented:

- "Terms of Payment" => "Payment Terms"
- "Terms of Delivery" => "Delivery Terms"
- "End of Fortnight" => "End of Fifteen Days"
- "Fence" => "Grace Days"
- "Collect..." => "Combine..."
- "Service Date" => "In Service Date"

Business Need

The wording of a few terms used in ERP LN needs to be improved.

BRQ001128 - ERP Object Data Management: Small Enhancements

Description

Several minor changes have been made. Most notably are:

- Object Links session: Added shortcuts and icons for existing specific options.
- In Change Management some descriptions now have length 30. This improves amongst other Tasks Group, Task and Change Order.
- Changed some object definitions, most notably Task, Opportunity and Activity.
- Path and File name handling has been extended to 260 multi-byte characters. As a consequence restructured report on Areas.
- Introducing user profiles with defaults to be used while linking files.
- Renamed Easy File Linking to File Linking.

Business Need

Some aspects of ODM made it more difficult to use than necessary. Changes that improve the ease of use will help the user.

BRQ001183 - ERP Quality Management: Small Enhancements

Description

A range of usability improvements have been made in ERP LN Quality Management:

A multi-main table interface has been introduced for the following entities:

- Aspects, Aspect Characteristics and Aspect Characteristic Tests
- Quality Groups, Item by Quality Group with copy button
- Option Sets and Options
- Algorithms and Algorithm Variables
- Quality IDs New buttons have been introduced to:
- Copy/delete items to quality groups in the Quality Group Items (qmptc0120m000) session;
- Copy Characteristics in the Test Group Characteristics (qmptc0137m000) session;
- Navigate to the Test Group Characteristics (qmptc0137m000) session from the session Quality IDs. A mix of additional enhancements has been carried through to start modernizing the Quality Management module.

Business Need

Quality management is required by customers but ERP LN QM needs enhancement.

Chapter 12
Additional Requirements

Introduction

The requirements described in this paragraph have been developed on top of ERP LN FP7 and are only available if solution 252405 has been installed.

BRQ001187 - ERP Assembly Control: Manage delay on sequenced Assembly Orders

Description

It is possible to enter a delay on sequenced and/or in progress assembly orders.

A delay can be entered on line segment level. By entering a first allowed start date, the user indicates when the first line station order belonging to the line segment is allowed to start. This implies that this line station order should not be sequenced before this user defined start date. The buffer at the beginning of the line segment acts as a place where assembly orders are put on hold until the first allowed start date is reached.

Business Need

When problems arise which affects assembly orders, users have to manual intervene in the schedule. The current rescheduling capabilities for sequenced assembly orders are limited and not always suitable to reflect impact of reported delays onto the assembly schedule.

BRQ001194 - ERP Assembly Control: Process configuration changes

Description

In addition to the concept 'Procurement of Configured items' which has been implemented in FP7, it is also possible to propagate configuration changes for configured purchased items to assembly orders

that have already been frozen or even already have been started. Assembly control supports the propagation of configuration changes throughout the assembly process. Configuration changes might lead to a revision of the outstanding purchase request for a configured item and it is possible to communicate this revision to the supplier. It might still be the case that an earlier revision of a configured purchased item is received, as the supplier was not able to incorporate the requested changes in the send revision. In this situation, the system will alert the user and is able to receive this configured item which does not match the latest requested revision.

Business Need

Within the current Assembly Control functionality it is not possible to propagate (last minute) changes of the sold configuration to the related (in progress) assembly orders.

BRQ001195 - ERP Assembly Control: Sequence engine output evaluation report improvement

Description

After sequencing, a report is available to evaluate the generated sequence of assembly orders. In order to provide better analysis capabilities, the report has been extended and now also shows the planned start date for the sequenced assembly orders.

Business Need

More information is required when evaluating sequence results.

BRQ001200 - ERP Financials: Budget Control Enhancements

Description

In the budget control module several enhancements have been realized:

1. Budget Amendments
2. Budget Reconciliation - it is now possible to reconcile budget transactions with general ledger transactions.
3. Budget Reorganization/Rebuild - it is possible to rebuild the budget balances based on a new or changed budget structure.
4. Budget Reporting - multiple reports are available e.g. budget transactions/budget exceptions, budget structures and audit reports.
5. Year-end process - upon closing the year multiple carry forward policies are available to the new budget structure and budget year.

Business Need

Completion of the fundamental budget control module and encumbrance accounting.

BRQ001201 - ERP Financials: Credit Risk Concentration Report for IFRS compliancy

Description

IFRS section 7.34c requires concentrations in credit risk disclosures of maximum exposure to credit risk or disclosures on past due but not impaired.

In a report the concentration of credit risks over multiple finance companies on individual customer level is stated.

Business Need

IFRS compliancy IAS 7.34c

BRQ001198 - ERP Financials: Expected loss on Construction for IFRS compliancy

Description

IFRS section 11.36 requires that expected losses on constructions need to be posted the moment they are known. LN Project is able to generate financial interim results based on total accrued project cost, profit margin and percentage of completion, however this is not enough, the expected loss should be expensed directly based on the actual cost + the remaining expected costs.

A report is now available that projects expected results by adding up the actual costs and the remaining budget costs and deducts the actual + the total expected revenue. The report can be sorted by period and project and a form field is available by means of which the user can indicate if a loss is present for the particular project.

Business Need

IFRS compliancy IAS 11.36

BRQ001197 - ERP Financials: Inventory Valuation for IFRS compliancy

Description

To meet the IFRS requirement defined in section IAS 18.14: transfer of significant risks and rewards of ownership a new parameter in Central Invoicing and a new date field on which the risks and ownership are transferred have been introduced. This new parameter determines how the new date field must be defaulted. The following options are available:

- receipt date
- customer approval date
- delivery date
- invoice (current) date Next to this option a time fence is included with which the date chosen in the parameter will be adjusted. Based on the difference between this date and the invoice date, a report is available that compares the total invoiced amount by period range to the invoiced amount sorted by the economic risk transfer date, the difference must be posted, normally once a year at the end of the FY, by means of a Journal voucher.

The new date field applies to all modules that produce invoices, for example in a service order with multiple lines; every released line contains this new data field, defaulted from an existing date field in the service order line.

Business Need

IFRS compliancy IAS 18.14

BRQ001196 - ERP Financials: Project Report for IFRS compliancy

Description

To support IFRS compliancy related to IAS section 16, a report has been developed that will print the total cost by project and sub-project and cost price component. Based on this report a distinction can be made between maintenance costs and expenses by project. In this way the user can monitor the cost and make manual adjustments in journal voucher if necessary.

Business Need

IFRS compliancy IAS 16

BRQ001181 - ERP Financials: Reminder Diary - Notes and Activities

Description

The registration of both notes and activities has been enabled for the A/R reminder procedure.

At first, the activities functionality, as described in BRQ001140 for CRM activities, has also been made available for the reminder procedure. From the reminder diary session, the credit analyst can register activities (calls, appointments, tasks) related to the particular business partner.

Moreover, it is possible to register notes at business partner or at invoice level, according to the functionality described in BRQ001142 for CRM related notes.

Business Need

Registration of notes within the A/R reminder process.

BRQ001185 - ERP Financials: Withholding Tax Enhancements

Description

Withholding tax is enabled for advances. Setting off of these advances to invoices is allowed, taking the withholding tax part into account.

Business Need

In some countries, withholding tax is applicable statutorily on advance payments.

BRQ001202 - ERP Manufacturing: User defined activity description on SFC Gantt Chart

Description

Currently, the description of production order operations on the SFC Gantt Chart is fixed and displays 'SFC production order / Operation step'. This has been enhanced by allowing users to select which description should be shown on the production planning operation. Next to the description of 'SFC production order/ Operations Step', users can now also select to see as description the item which is manufactured.

Business Need

Scheduling and execution of Production Schedule is performed based on manufactured item codes. Display of production order planning based on production order number/ operation step on a plan board

is not providing sufficient information for analysis. Therefore, it is required to have production planning display based on manufactured item codes.

BRQ001203 - ERP Order Management: Item Revisions in Schedules

Description

The new functionality allows selecting both purchase schedules and revision controlled on the item master. Schedule generation will result in purchase schedule lines that refer to the revision that will be effective at the requirement date. These item revisions can be communicated by the purchase release and EDI.

Item revisions can be handled on the supplier system by making the item revision controlled. If the supplier then receives a revision that is known in the EDM module, the sales schedule can be received and processed. Alternatively the supplier can store the item revision as an additional field on the sales schedule. In this approach the revision are solely used for informative purposes in the supplier system.

Business Need

It is currently not possible to define a revision controlled purchase item that use purchase schedule as supply method. It should be also possible to create a purchase schedule/release for item/revision according to the effective date of the item revision. These item revisions must be communicated to the suppliers so that they have a clear view of the time of release changes. Consequently the suppliers can adjust their production environment and purchase processes accordingly.

BRQ001205 - ERP Order Management: Price Changes in Schedules

Description

For sales schedules linked to a contract, an option is provided to re-determine the price and discounts during shipment. This is enabled by checking the new option ' Re-determine Price and Discount at Shipment' on the sales contract line. If the new option is set for schedules linked to a contract, price and discounts are re-determined when a shipment is confirmed or when a consumption is processed. The price and discount retrieval is based on the quantity and date on the shipment or consumption. The invoice amount will be based on the re-determined price.

Business Need

In some business scenarios the price of a sales schedule requirement is not known when creating the schedule line. In these cases it is required to determine prices late in the schedule process.

BRQ001204 - ERP Order Management: Sales Schedules - determine last shipment ID

Description

An enhancement has been realized to reconcile sales schedules based on assumptions with regard to in transit shipment. A new Terms and Conditions parameter allows determining the last shipment ID based on:

1. Supplier's Last Shipment
2. Supplier's Release Creation Date
3. Customer's Release Generation Date
4. Customer's Last Receipt Date
5. Customer's Last Shipment ID

Business Need

Suppliers can adopt the sales schedule functionality for receiving and processing customer requirements. Some customers do not communicate a last shipment ID via the schedule release. In ERP LN, the last shipment ID is required to match and compare customer CUM information against supplier CUM information. If the last shipment ID is unknown then ERP LN will not be able to detect scenario in which Less/More received than shipped during the reconciliation process. It was required to successfully reconcile sales schedule requirement even though no shipment ID is communicated on the schedule release.

BRQ001192 - ERP Project: Revenue Recognition Improvements

Description

Revenue recognition threshold has been introduced at project and extension level by having a new field called 'Revenue Recognition Limit'. Only if the percentage completion is greater than or equal to this field, revenue will be recognized when Interim Results are generated using session 'Generate Interim Financial Results' (tpppc2260m000). If the 'Profit Percentage' is negative, Revenues will be recognized irrespective of minimum percentage completion being met or not.

Business Need

Functionality and Usability improvements.

BR1102278 - ERP Project: Shipment of deliverables

Description

Need for a transfer order from project to customer (via warehouse) or to project warehouse. This presumes that a relationship between certain project elements/activities and items have to be provided.

Business Need

ERP LN Project was still construction (site) oriented, while many customers in the heavy equipment and other markets require an option for project deliverables. In these markets there is often a project assembly plant that ships the deliverables to the customer or site. Therefore a warehouse transaction is needed.

BRQ001193 - ERP Project: WIP cost should be used for the purpose of Revenue Recognition and COGS.

Description

In Process WIP Cost from PCS to be available for the purpose of Revenue Recognition and COGS. Optionally as hard or soft commitment.

Business Need

Functionality and Usability improvements.

BRQ000851 - ERP Purchase: Handling of Landed Costs in Procurement

Description

The complete flow of landed costs on purchase orders and warehouse transfers is supported. So, default landed costs can be set up. If applicable, these landed costs are defaulted on purchase orders and warehouse transfers. During receipt, the landed costs are added to the inventory value and the purchase invoices for these landed costs can be matched with the actual landed costs which are registered during the warehouse receipt.

Business Need

When an item is procured, the procurement price does not only consist of the purchase price, but contains also other costs as insurance, freight and custom costs. With landed costs, the total standard or actual cost for a purchased item, composed of the supplier cost, transportation charges, custom duties, taxes,

broker fees and any other charges are considered. Whether these charges are to be accounted for could be based on agreements with the supplier, or be dependent on the country of origin. The amount charged is most of the time dependent on weight, volume (freight), or value (insurance and duties). The total landed costs of an item must be considered in evaluating purchase and production decisions. Furthermore, the valuation price should contain all landed costs instead of the purchase price only. Vendor cost, transportation charges, customs duties, taxes, broker fees and any other charges are considered. For these landed costs, also an invoice can be received, which needs to be matched with the actuals on the receipt.

BRQ001188 - ERP Service: Master Routing for Service Order

Description

The main requirement to make master routings available for service orders, is to directly generate a multi-activity service orders which contains a number of activities part of "one" package.

Example: The master routing may have the description "20.000 km service for car". When this master routing is selected, various activities are inserted for the service order, like:

- 10 check tires
- 20 replace filters
- 30 replace oil
- 40 check air conditioning
- 50 test drive
- 60 clean car

Business Need

Reduce the number of actions, to insert a set of activities into the service order

BRQ001199 - ERP Warehouse Management: Replanning Warehouse Orders

Description

Distribution orders (warehouse transfers) are often generated by planning tools, like ERP LN Enterprise Planning. These warehouse orders usually contain multiple item lines. In practice there is always the chance that it is not feasible to ship a subset of these items in time. Therefore, it is possible to set new planned delivery dates for (a subset of) these item lines.

Secondly, a back order currently always retrieves the planned delivery date from the originating order. This usually does not reflect reality, since a back order is mostly executed on a later date. Consequently, an option is required to modify the planned delivery date on back orders.

However, modifying planned delivery dates is only possible for warehouse orders having origins Transfer, EP Distribution and the existing manual warehouse order origins.

Business Need

To be able to flexibly replan warehouse orders.

BRQ001212 - ERP People: Extended HR Information

Description

It is necessary to store some additional data on a human resource like training, exams, certificates and education. This has been facilitated. This additional information does not impact any of the existing processes outside of ERP LN People.

Business Need

Limit the need for (external) HRM packages next to and in addition to ERP LN.

Index

BRQ001203
ERP Order Management: Item Revisions in Schedules, 12-6
BRQ001204
ERP Order Management: Sales Schedules - determine last shipment ID, 12-7
BRQ001205
ERP Order Management: Price Changes in Schedules, 12-6
BRQ001212
ERP People: Extended HR Information, 12-10