GENERAL AVAILABILITY

SAP Business One 9.3
Release Highlights

Rollout Services, SAP

March, 2018

CUSTOMER

SAP Run Simple

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A comprehensive business solution & platform for connected SMBs.

Globalized Business

Core Expansion

Powerful Platform

Ecosystem Friendly

SAP® Business One 9.3

SAP Business One 9.3 Highlights (1/2)

⚙️ Administration

Authorization Simplification

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UoM Batch Selection

💰 Financial Management

Internal Cost Accounting Transactions

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Chart of Accounts Alignment & Usability

G/L Account Determination Matrix Updates

New IFRS 15 Revenue Recognition Standard*

Scheduled Batch Transactions for Payments

Electronic File Layout Templates

📅 Project Management

Project Management Updates

*Localisation specific

SAP Business One 9.3 Highlights (2/2)

Business Intelligence

Analytical Portal	SAP HANA
Pervasive Analytics Designer Update	SAP HANA
New Cockpit Templates	SAP HANA

Platform | Extensibility

Web-Based Workflow Management	
Company Specific Mailer Configuration	
New DI/UI Objects Exposure & Enhancements	
Microsoft Visual Studio 2015	
X-App Supports Single Sign On	
Optimized Login Connection	
Electronic File Manager support on Linux	SAP HANA
Performance Optimization	
Improved Security	

Lifecycle Management

Centralized Deployment

Embedded Incident Reporting

System Landscape Directory Enhancements

Remote Support Platform 3.2 Updates

*Localisation specific

Administration

SAP Business One 9.3

Authorization Simplification
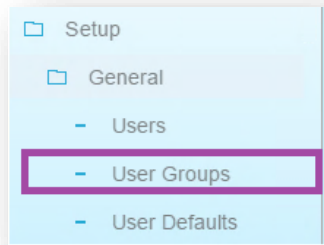
Feature

- Authorization Groups renamed to User Groups and relocated under Setup - General.

- 4 Group Types:

  - Authorization: User authorizations with validity dates; individual users within the User Group can have further refined validity dates.

  - Form Settings: User form settings.

  - UI Configuration Templates: Modified forms set as templates. **(PL01)**

  - Cross All Types: Applies to all types.

- Copy Form Settings now has a Groups tab; all users in the chosen group inherit the form settings.

Benefit

- Manage temporary authorizations.

- Quickly apply form setting defaults and/or templates (modified forms) to a group of users.

Approval Procedure Enhancements

PL01 Update

Feature

- Enable updating a previously approved document.

- Enable updating a draft document with status Pending/Approved.

- Approval Decisions Report now shows the Draft Key. **(PL01)**

Benefit

- You are now able to amend/cancel a document processed through the approval process.

- Approver always sees the latest version of the document to be approved.

- Ensures approval is obtained every time the approval criteria have been triggered whether adding or updating the document.

My Settings Support

Feature

- The User – Setup form is enhanced to include various user-specific options, that previously used to be in the General Settings form.

- New icon on the toolbar enables users to access their user setup form and personalize it.

- The User Defaults form is extended and includes Display tab.

Benefit

- Better accuracy and clarity of company level settings vs. user-level settings.

- Enhanced usability – all users gain access rights to their own personal preferences (subject to authorizations).

- Better coverage of user defaults settings, enables more efficient implementation.

Import from Excel (1/2)

Feature

- Journal Entries added to Import from Excel.
- Import Serial and Batch numbers from Excel.
- Additional Authorizations added for data import.

Benefit

- Simpler, efficient import process.
- DTW not required for importing these objects.

Import from Excel (2/2)

Feature

- Import Journal Entry from Excel.
- Import G/L and BP Opening Balances from Excel.

Benefit

- Simpler, efficient import process.
- DTW not required for importing these objects.

Change Log Cleanup Utility

Feature

- New Change Log Cleanup Utility available.
- Enables users to clean out the change log to reduce the size of a company database.
- Users have the ability to determine which objects from the change log entries should be deleted and restrict the deletion to a specific date range.
- Utility subject to appropriate user authorisation.

Benefit

- Improve performance when running upgrades due to reducing amount of data to be upgraded.
- Companies running SAP Business One for a long time with a large change log are able to delete old changes that were registered.

Quick Copy

Feature

- Ability to copy data directly to target companies.
- Allows copying to a target company when connections exist to that company.

Benefit

- Saves time and effort without the need to copy data to a file first and then import the file into the target company database.
- Useful when copying data between test DBs and production company DBs.
- Users no longer need to be disconnected and interrupted during the data copying process.

License Updates
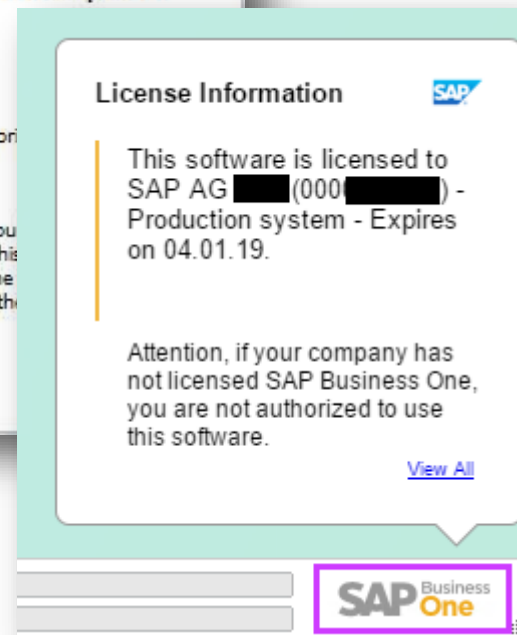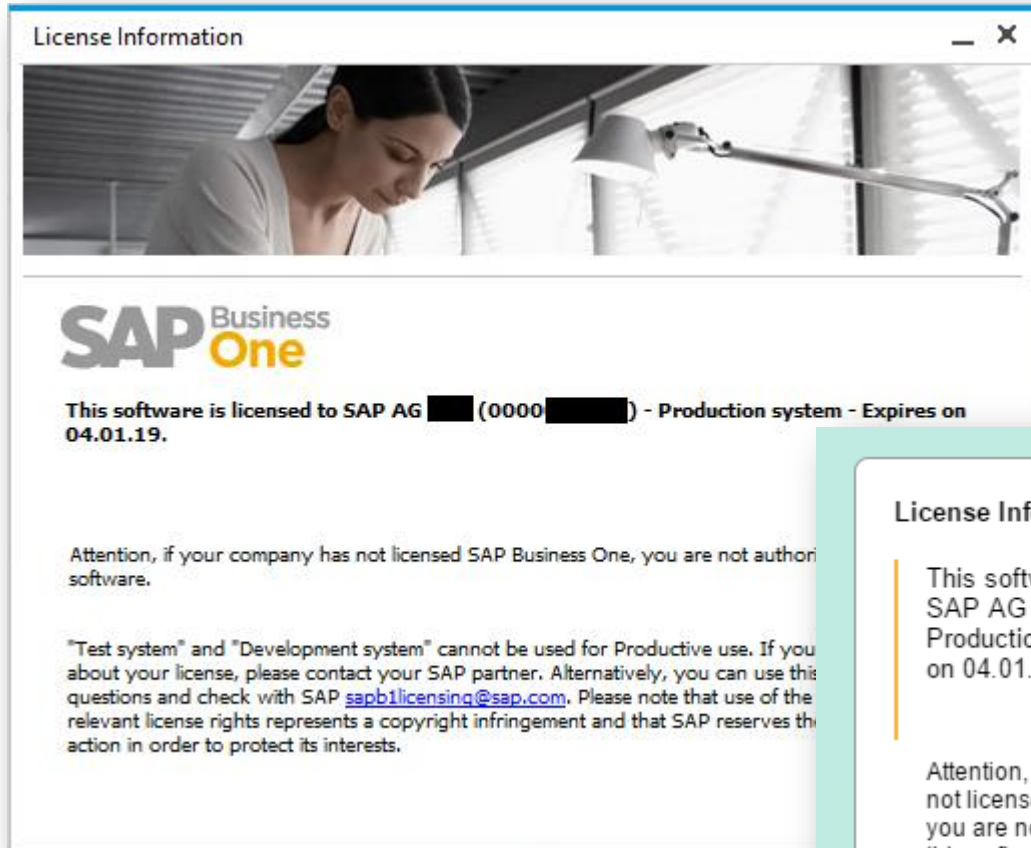
Feature

- As of release 9.3, a new license file will need to be generated and imported for every new minor (9.x) release.
- A watermark will be displayed on the bottom right of the SAP Business One desktop and the information sourced from the license file.
- The watermark will appear at each login and can be closed by the user by clicking on the SAP Business One icon.

Benefit

- Visibility for customers/end users to obtain relevant information about their licensed system.
- The new license file is more secure and protects the misuse of licenses.

Multiple Ways to Input Dates
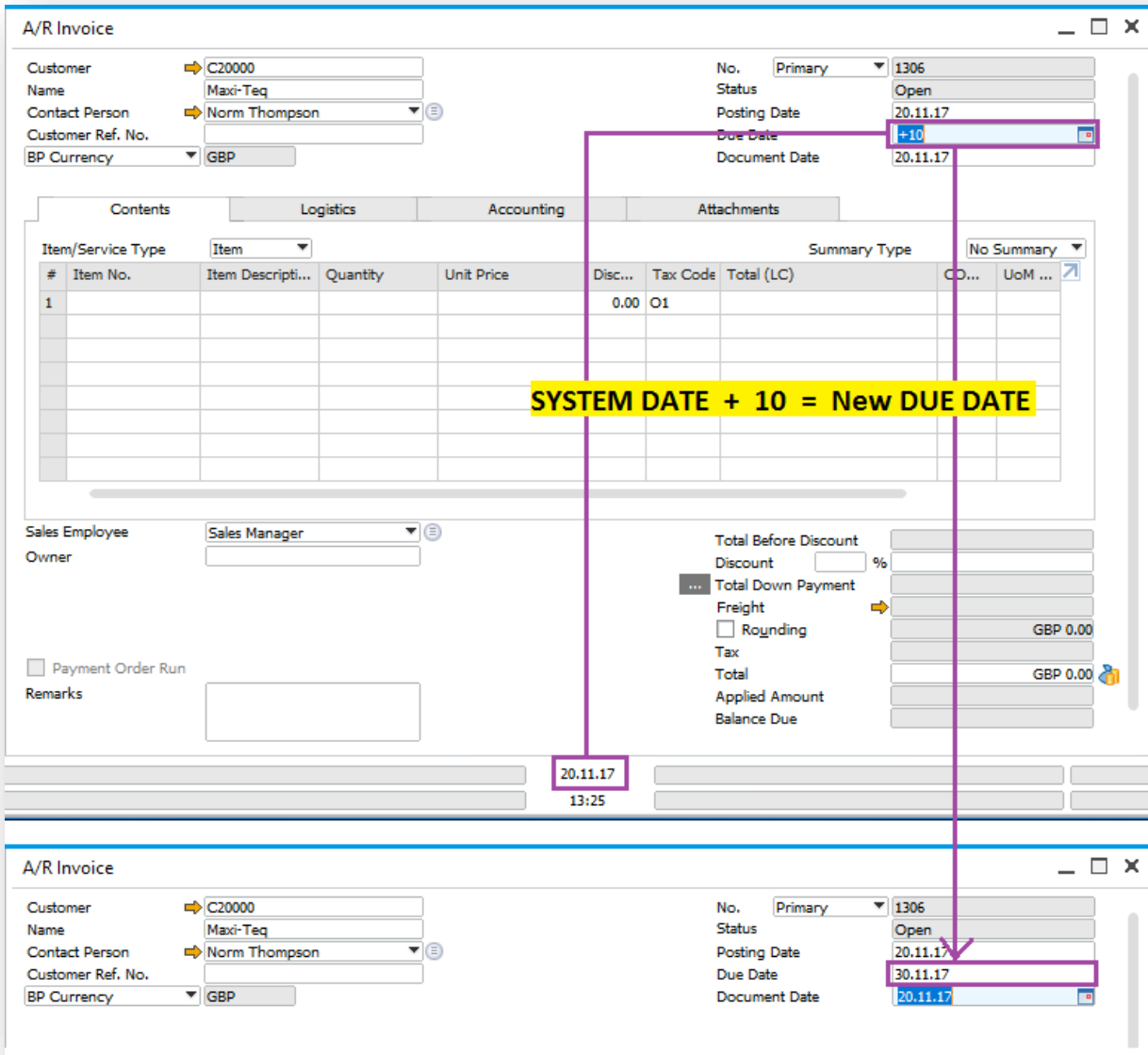
Feature

- New way to add dates in date fields
- To enter a new date in the date field you can use the following two methods:
- 1- Use arrow keys
    - Up/Down arrows to increase/decrease respectively date in steps of 1 day
- 2- Use operands
    - +/-N : add/subtract N days
    - +/-ND : add/subtract N days
    - +/-NM : add/subtract N months
    - +/-NY : add/subtract N years
    - ■NOTE: You can only use D,M,Y (not case sensitive)
    - ■NOTE: Do not leave a space between the operand, number and period

Benefit

- Quicker date input
- Ease of Use

Display Database Field Name for Import from Excel
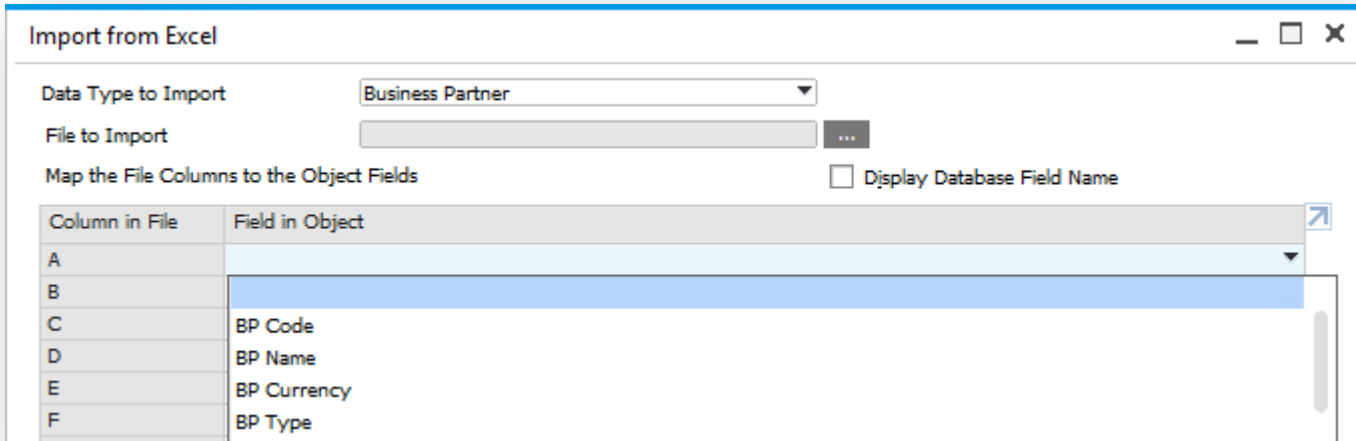
Feature

- Checkbox : Display Database Field Name
- Provides the database table and field name into where the information will be imported

Benefit

- Clear understanding of the target tables/fields
- Accurate data import
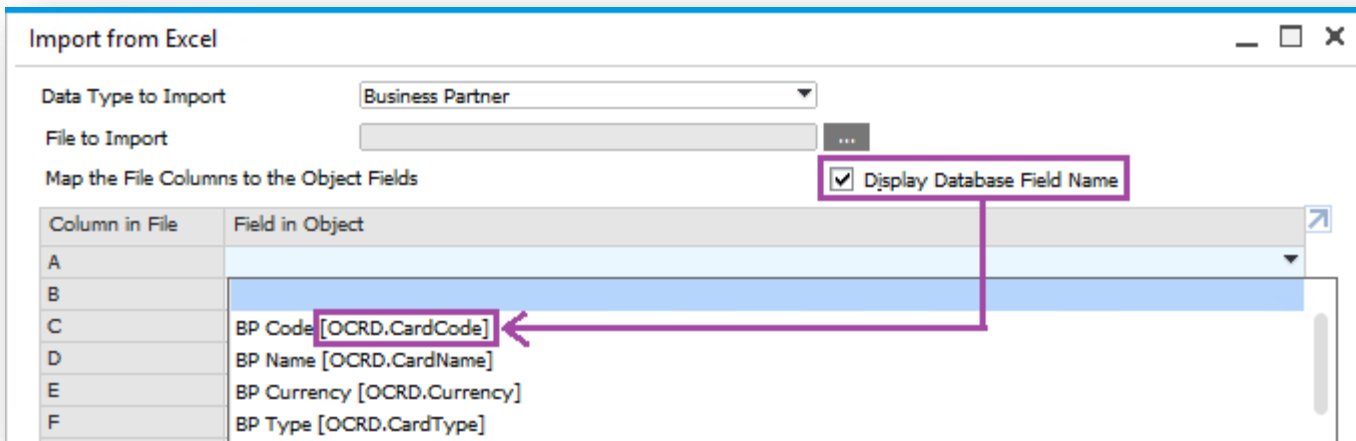
Managing Multiple Open Windows
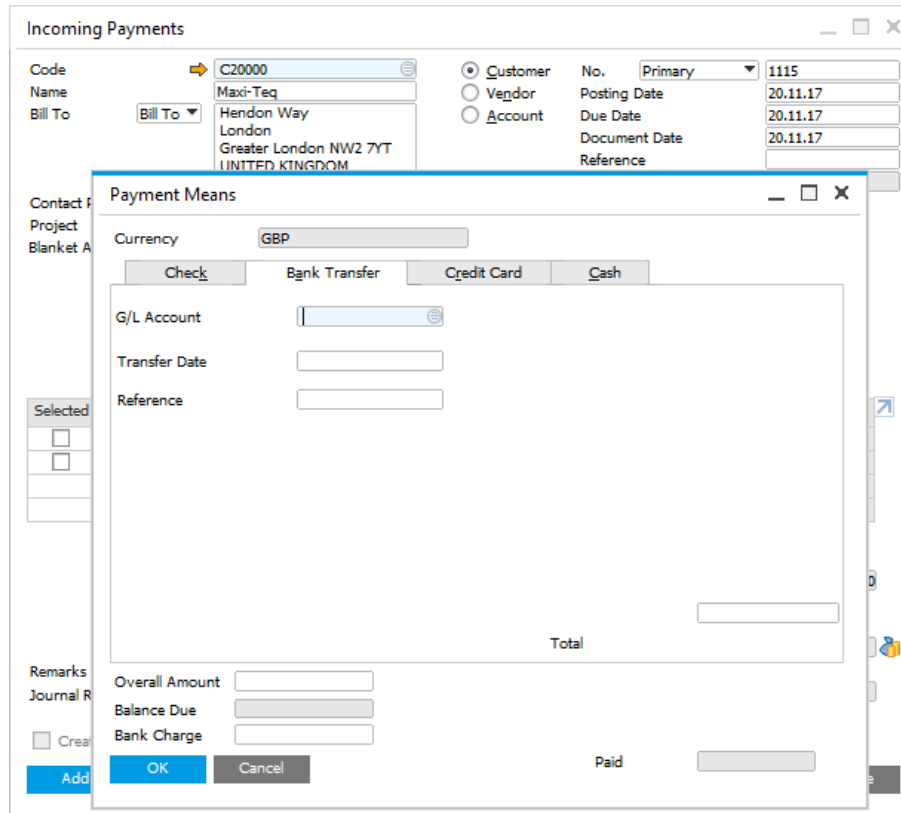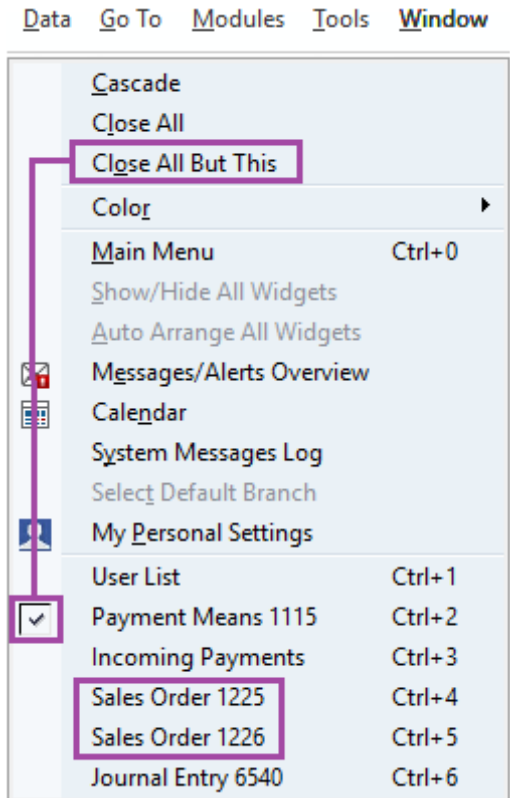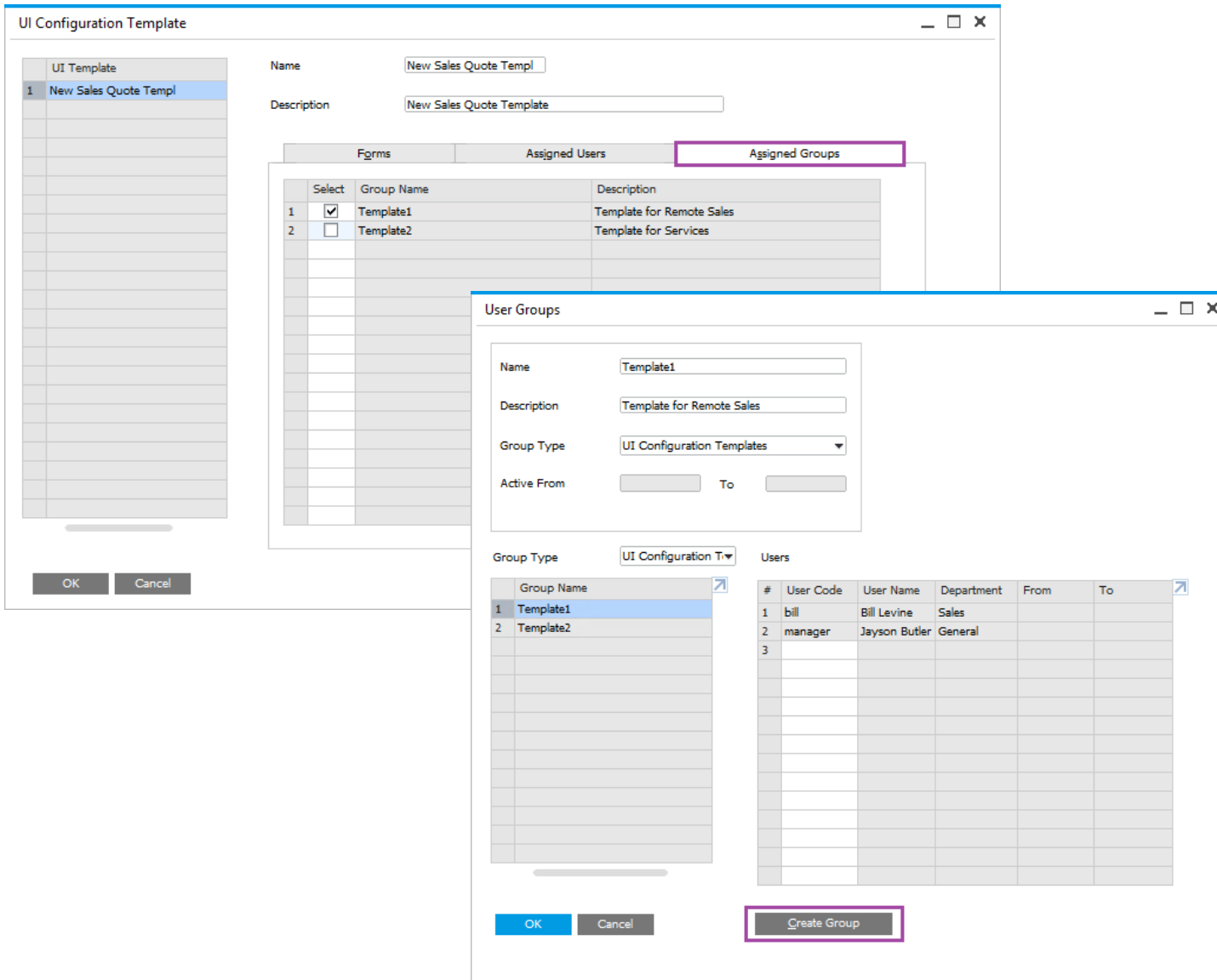
Feature

- In addition to close all windows, you have the option to leave the window that is currently being worked on
- Dependent forms will not be closed e.g. where a payment means form is open the underlying incoming payment screen will stay open
- Unique identifier (document number) helps user to choose the correct window to access

Benefit

- Increase efficiency
- Quickly get access to the relevant window where many similar ones are open

User Group selection in UI Configuration Template

PL01

Feature

- You can now assign Groups to UI Templates.
- These Groups must first be created in User Groups using the Group Type UI Configuration Template.

Benefit

- Quickly apply UI Templates predefined groups of users.

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Administration

Feature	Description	Localization
Multi-Branch Supporting Data Ownership	When managing multiple branches the system can be set such that a user's access to BPs and Documents is possible only when the BPs'/Documents' branch assignment matches the user's branch assignment.	All
Multi-Branch Filtering and Transactions	Conversely, with the filtering functionality, in the choose from lists, the user is restricted to BPs and Documents having the same branch assignment. The user can, however, access all BPs/Documents by typing in the exact code/number. Additionally, reports can be filtered by branch selection.	All
HTML based Online Help	We now support HTML based Online Help files.	All
Browser Access Session Timeout	The session timeout setting is now adjustable when editing the browser access service in the system landscape directory.	All

Sales | Purchasing | Service

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RMA - Return Material Agreement (1/2)

Feature

- Create a Return Request (A/R) or Goods Return Request (A/P).

- This pre-step for the return document includes the agreed quantities, prices, return reason and return action before the goods are actually returned.

- You can manage serials and batches in both Return Request **(PL01)** and Goods Return Request.

- Request transaction creates an allocation on the item master record.

Benefit

- Enables management and tracking of the return process.

- Increased transparency.

RMA - Return Material Agreement (2/2)

Feature

- Return Requests and Goods Return Requests can now be:
  - Listed within Open Items List.
  - Added to a Service Call.

Benefit

- Additional reporting.
- Incorporate returns process into Service Calls.

Gross Price Mode

Feature

- Use Gross or Net prices in documents.
- Maintain Gross or Net pricelists.
- BP price mode setting drives use of Gross or Net prices in documents

Benefit

- Supports retail businesses
- Streamlined gross price calculation method

*Not available in Brazil, India or Israel localizations

Price Lists (1/2)

Feature

- Define price per pricing unit, e.g. price per 1000 units of a given item.
- Price list reflects this with the additional field Pricing Unit.

Benefit

- Accurate pricing for small value items.

Price Lists (2/2)

Feature

- Pricing hierarchy per BP – options to override the existing logic for selecting effective prices by applying the highest/lowest price per BP.
- Special prices can be limited by an active period.

Benefit

- More flexible pricing functionality by BP.
- Minimize incorrect discounting and maximizing revenue.
- Increase productivity and simplify customization.

Centralized CRM Module
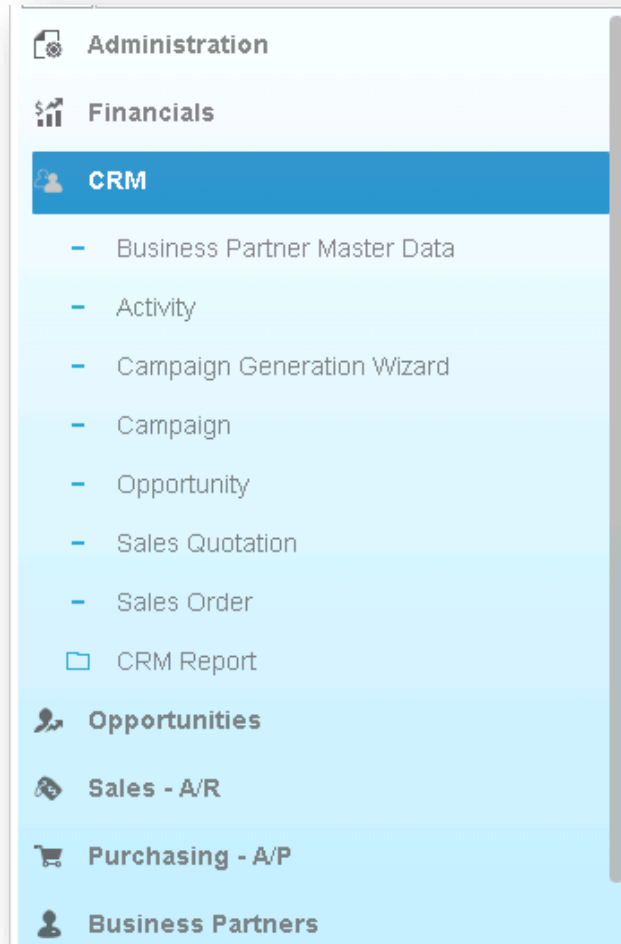
Feature

- New module "CRM" is added under the financials module, listing all the functions related to CRM.

Benefit

- Centralized CRM module enhances usability and increases productivity.

CRM Enhancements

Feature

- Activity can be assigned to multiple users/employees; respective recipient lists can be created and maintained for this purpose.
- Activities Overview indicates handlers, be it single or multiple.

Benefit

- Increases efficiency - no need to create an activity for each user.

Campaign Management

Feature

- Manage authorisations for generating and executing campaigns.
- Load saved campaigns, executed or non-executed.
- Find function added to the following forms:
  - Target Group Details
  - Target BPs in Manual Campaign
  - Target BPs in Campaign Generation Wizard
- Campaign List – Selection Criteria expanded to enable filtering by linked Documents.
- Sales Amount and Gross Profit reflected in Campaign List.

Benefit

- Users can differentiate between executed and non-executed campaigns.
- Improved usability and analysis of campaign successes and failures.
- More easily search for details within a target BP list.
- Greater control over campaign execution.

Blanket Agreements (1/2)

Feature

- Determine exchange rate in blanket agreement when BP currency is foreign currency and blanket agreement is managed on the document header.

- Enable updating planned amount, planned quantity, and price in blanket agreement that is linked to other documents.

- Add committed/ordered qty/amount to *Details* tab.

- Control the deviation from blanket agreement planned amount or planned quantity.

- Determine shipment type within the blanket agreement.

- Payment Method and Payment Terms in the blanket agreement can be determined when the blanket agreement is not managed on the document header.

- When no document is linked to the blanket agreement, you are able to update the Start Date.

- Option to automatically assign a valid Blanket Agreement where no default Blanket Agreement is chosen from many and only one is valid.

- Manage customer/vendor reference no. in blanket agreement.

- Display document status in Documents tab.

- Manage project code in blanket agreement.

Blanket Agreements (2/2)

Benefit

- Exchange rates can be an agreed blanket agreement term.

- Increases flexibility and productivity - user can update the blanket agreement terms instead of creating new one.

- Easily track committed/ordered qty/amount in blanket agreement which is not delivered yet.

- Better control over the purchasing process by blocking deviations from blanket agreements.

Sales | Purchasing | Service

Feature	Description	Localization
Business Partner Master Data	Changing details in payment terms can be set to apply to new Business Partners only.	All
Electronic Documents	You can import XML electronic AP documents with possibility to define import formats per document type using Electronic File Manager (EFM). A new Web Service is available as a SAP Business One Integration Framework (B1iF) package for easier and stable creation of Electronic Documents and related electronic communication.	All

Financial Management

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Financial Scenario Updates (1/3)

Feature

- Additional drawers in the Chart Of Accounts (CoA) - total of 10 drawers in all localizations.
- New Level field available to expand/collapse account listing directly in the CoA form.
- Primary Closing Account can be defined per P&L Account *(Applicable to certain localizations only).*

Benefit

- Better support for large enterprise customers and decreases maintenance costs.
- Accurate period closing.

Financial Scenario Updates (2/3)

Feature

- Additional new category introduced - Trial Balance.
- All categories have predefined sub-categories with ability to define new ones for Balance Sheet and Profit and Loss.
- Restrict the account balance to within a range with ability to block posting.

Benefit

- Categories can help in consolidating large enterprises.
- Better control over account balances.

Financial Scenario Updates (3/3)

Feature

- Journal Entry Remarks can be made mandatory for Header, Rows or both.
- Remark Template to maintain defaults in rows.

Benefit

- Enforce best practices and auditability.

Cost Accounting Ledger (1/3)

Feature

- Maintain separate numbering series marked as "Cost Accounting Adjustment Only".
- New transaction called "Cost Center Transfer" for allocating costs between cost centers.
- Flag for "Cost Accounting Adjustment Only" restricts use of the account to cost accounting transactions.

Benefit

- Better management of costs to Cost Centers.
- Audit trail can be maintained by department based on dedicated numbering series.

Cost Accounting Ledger (2/3)

Feature

- Allocate costs to correct cost centers directly from the Distribution report.

Benefit

- Quicker cost reallocation.
- Increase productivity.

Cost Accounting Ledger (3/3)

Feature

- Set up Default Series and Default GL Account to automatically populate Cost Accounting Adjustment transactions.
- Journal Voucher adapted to cater for Cost Accounting Adjustment transactions.

Benefit

- Journal Vouchers aligned with Journal entry functionality.

GL Account Determination Matrix

Feature

- Up to 5 user defined fields can be managed in the determination criteria screen.
- You can use these 5 UDFs in defining the rules in the Advanced G/L Account Determination Rules screen.
- Options available:
  - All – criteria not relevant
  - Empty – field must be empty
  - Filled – field must have a value
  - Enter Value – field has a specific value

Benefit

- More flexibility in determining account to be posted to based on business criteria.

Integrated Payment Engine

Feature

- Integrated bank file created when Electronic File Manager (EFM) designed outbound bank file formats are linked to the payment method selected in the Payment Wizard.
- Note: Historical .dll bank file formats not designed with the EFM addon still require the Payment Engine Add-on.

Benefit

- Smoother and faster execution of payments and creation of bank files sent to house bank and/or customer bank.
- Payment wizard is more intuitive.
- No need to install the separate add-on, less time consuming and ready to use after installation.

Scheduled Batch Processing

Feature

- Leverage the service layer for parallel processing on the server-side.
- Tasks are dispatched and scheduled in the Job Server.
- Payment Wizard transactions will initially be supported.
- New *Execute Payment Run on Server* option in the Payment Wizard with ability to schedule a specific date and time.

Benefit

- Handle heavy transactions with parallel processing.
- Allows users to close the payment wizard form or even the SAP Business One client as the task is running on the server side.
- Reduces the load on the client side by scheduling a future date and time for processing on the server.
- Faster processing time for large transactions.

Electronic File Layout Templates

Feature

- Export SAP Business One form data into various file formats using XML. See SAP Note.

- Create Crystal reports out of the XML and assign required fields inside EFM mapping file.

- Assign EFM GEP files as electronic file for any report.

Benefit

- Flexible generation of output files.

- One click user experience with generation of electronic reports with simple print preview.

Allow any Business Partner in A/R Invoice and Payment document header

Feature

- In the A/R Invoice and Payment screen you are now able to input any Business Partner (BP). The default BP can be removed.
- You can now activate the payment means screen directly from posted A/R and A/P Invoices.

Benefit

- Enhanced usability
    - Faster invoice and payment input for all BPs
    - Faster access to payment screen

Financial Management

Feature	Description	Localization
IFRS Revenue Recognition Enhancements	In addition to Blanket Agreement (BA) enhancements, following features also help fulfil the new IFRS 15 Standard: Revenue from contracts with customers: - Currency handling on BA - Approval procedures for BA	All
Manage Change Log for Block Negative Inventory By	Support viewing history of changes made to the setting: Block Negative Inventory By. The fields BlockZero and NegStoLv in table CINF are moved to table OADM.	All

Project Management

SAP Business One 9.3

Project Management (1/3)

Feature

- The context menu links to:
  - Project Overview form detailing the entire project and it's hierarchical structure in one table.
  - Time Sheet Report.
- Create stage dependencies across different project levels including subprojects.
- New column under Stages tab - *Finished Date* allows users to define an actual finish date of each stage which can be compared to the planned end date.
- A *Stage ID* field has been created to better link projects to marketing documents and employee time sheets.
- A new Time Sheet Report clearly displays the link between a project and time worked on the project by employee.
- Under Documents and Work Orders section, a new *Chargeable* tick box field indicates if a connected document line is chargeable to a customer.
- Additional project related information is added to the Activity form and users can also set an activity relevant for project billing.

Project Management (2/3)

Feature

- New Billing Document Generation Wizard allows users to recharge costs or bill a project.
- The billing wizard collects open document lines and billable items connected to the project for invoicing.
- Creates AR Delivery or AR Invoice documents based on the project data stored in the Project Management form.

Benefit

- Users have a holistic overview of projects and detailed information related to each project.
- Increases productivity and transparency.
- The billing wizard streamlines the standard billing or milestone billing process and helps improve efficiency.

Project Management (3/3)
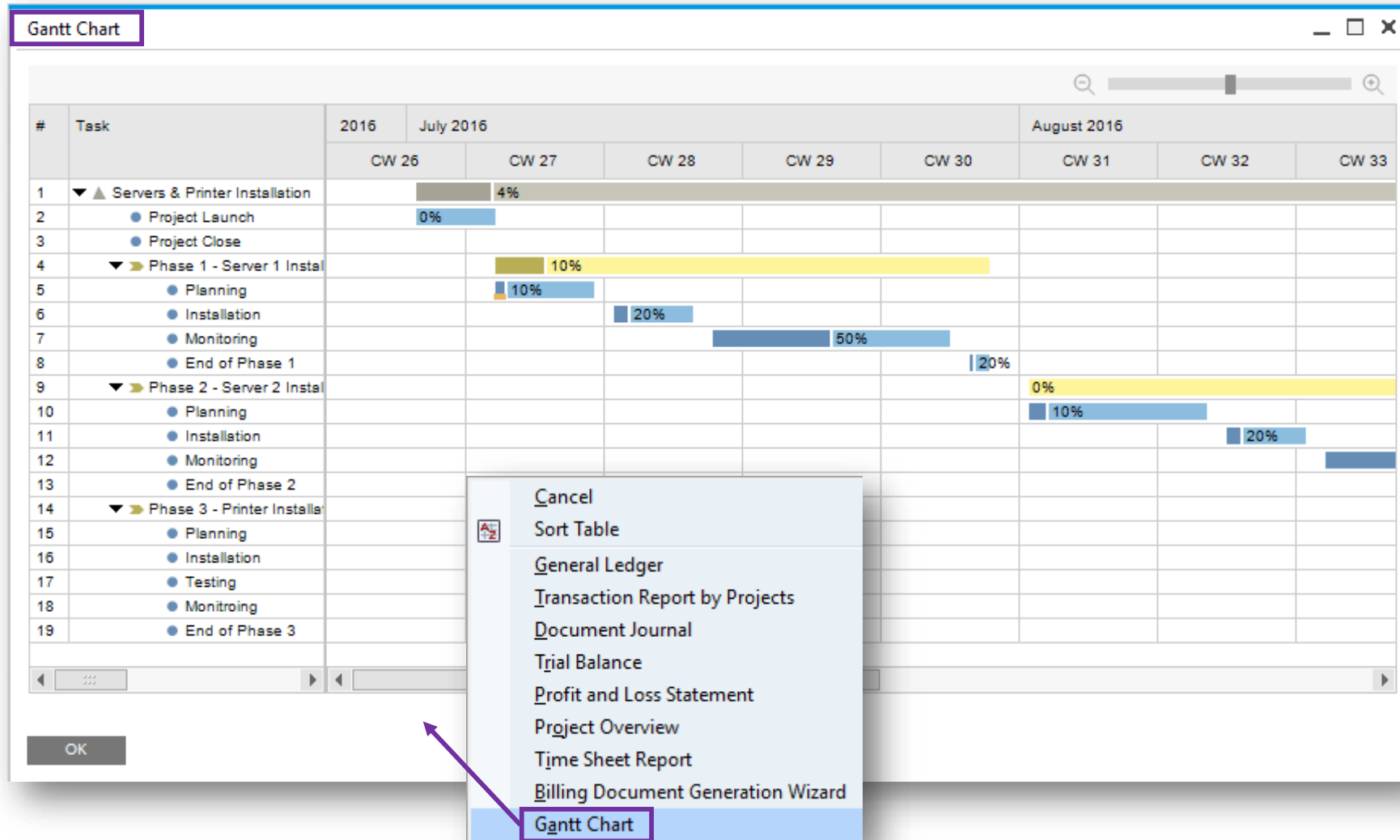
Feature

- Access a Gantt Chart via context menu in Project window.
- The Gantt Chart visualizes the project as a whole.
-

Benefit

- More transparency, increased productivity, and enhanced usability.

Production

SAP Business One 9.3

Resource Capacity

Feature

- Supports Single Run Capacity which is the available daily capacity of a single resource unit, assuming a Production Order can only be produced on one resource unit at a time.

- Ability to calculate Single Run Capacity by including and/or excluding Daily Capacity Factors.

- Ability to set daily capacity basis using 'Set Internal Capacity to Single Run Capacity' which will allocate a default budgeted capacity of hours per day.

- Resource Capacity window will highlight the maximum daily single run capacity available.

Benefit

- Ability to differentiate between Daily Capacity and Single Run Capacity by including and/or excluding Daily Capacity Factors.

- Supports production orders that are only able to be produced on a single machine.

- Reflects the number of capacity resources a production order can consume on each working day.

Production Routing

Feature

- New routing function facilitates production processing through a defined sequence of production stages.

- A new *Routing Stage – Setup* window allows you to define Route Stages.

- Multiple routing stages are added into Production Order structures.

- Allows you to define the route sequence of any combination of Production Order line types.

- New *Priority* field allows you to manually enter a priority of the Production Order. The lower the number, the more important the Production Order.

- An ability to control stage start and end dates with a new *Routing Date Calculation* field to choose *On Start Date, On End Date, Start Date Forwards* or *End Date Backwards.* This can automatically calculate date dependences between route stages in the Production Order.

- The *Issue Components* window allows you to filter which manual Production Order component lines will be passed into the drawn document.

Production Routing & Bill of Materials

Feature

- Bill of Materials form has been redesigned to improve usability and support routing stages and sequencing.

- Multiple routing stages are added into Bill of Material structures.

- Allows you to define a route sequence of any combination of BOM line types.

- Change the order of and entire stage as a group.

- Add UDF's to the new row Type - Route Stage

- New columns on Bill of Materials Report – Route Sequence, Route Stage and Route Stage Description showing related stage information valid at the time of transaction.
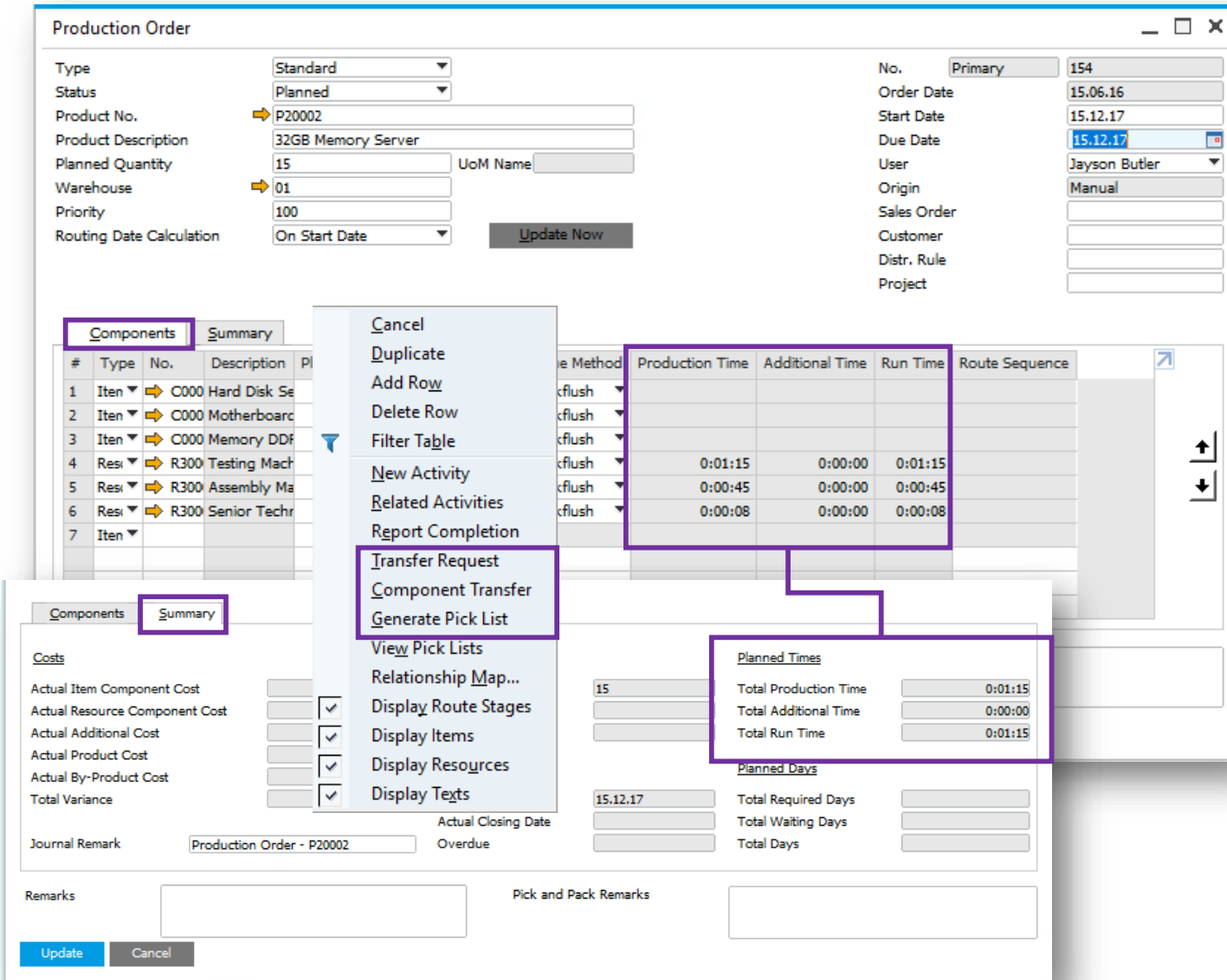
Pick & Pack Production Manager

Feature

- The Pick & Pack Manager has been renamed to Pick Pack and Production Manager.

- New fields to the Open, Released and Picked Drawers make it usable as a simple Production Manager console, such as Route Stage, Route Sequence, Product No. and Production Priority.

- Filter your selection criteria by a number of Production Order attributes such as Start Date, Route Stage, Route Sequence and Production Priority.

Benefit

- Ability to plan, execute and manage basic route based production.

- A significant enhancement for all businesses with a light production requirement.

- Enables greater control over production-related item and resource component management.

- Provides an estimated understanding of when component demand may be required.

Production Routing

Feature

- The existing *Run Time* column is renamed to *Production Time*.

- The existing *Total Time* column is renamed to *Run Time*.

- On the Summary tab, the *Total Time* field is renamed to *Total Run Time*.

- On the Summary tab, the *Total Run Time* field is renamed to *Total Production Time*.

- *Production Time, Additional Time* and *Run Time* on the Route Stage line are estimated according to the Resource with the longest Run Time of all Resource lines belonging to the stage.

- The Resource that takes most of the time determines the route stage duration.

- New selection criteria options added to the right-click operations of Production Order:

  - Transfer Request
  - Component Transfer
  - Generate Pick List

Production Routing

Feature

- A new *Status* column is added to *Production Order* to set a line status for *Route Stage, Item* or *Resource* to *Planned, In Process* or *Complete.*

- The *Status* field is editable on all lines. The status of all component lines will be updated according to the status on the *Route Stage* line.

- When the line *Status* is changed to *Complete*, a check is performed across all line items and a system message appears asking the user to *Reduce Planned Qty* to match *Issued Qty*. The answer will be valid for all components.

- When a *Route Stage* is set to *Complete* it will not contribute any data to the algorithm which calculates the Routed Production Order Start Date Forwards/End Date Backwards behaviour

Production Routing

Feature

- A routed Production Order with the *Routing Date Calculation* set to *Start Date Forwards* or *Due Date Backwards*, provides a new right click option to *Recalculation Route Stage Dates.*

- A Yes/No message is displayed. If *Yes* is selected, the algorithm will only ripple forward or backwards from this line depending on the *Routing Date Calculation* setting.
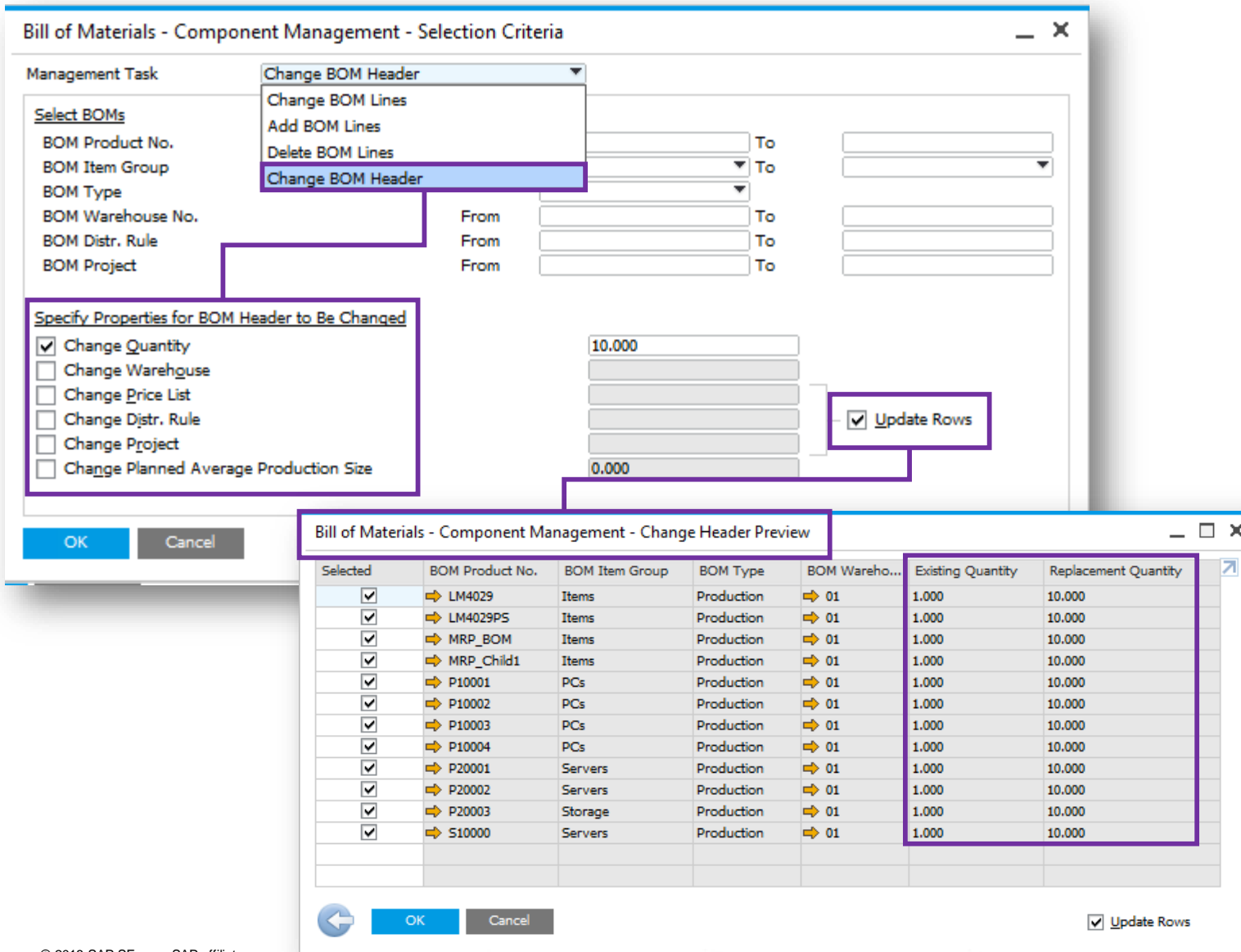
Production Routing

Feature

- The Right Click option on the Production Order with status *Released* will show the option *Inventory Posting List.*

- This option is also available on the Resource Master Data window showing the inventory posting list for specific resources.

Benefit

- Ability to view transactions for all item/resource components and products/by-products involved in the relevant production order process.

Bill of Material Component Management

Feature

- New Management Task – *Change BOM Header*
- New section *Specify Properties of BOM Header to be Changed* is added with the following options:
  - Change Quantity
  - Change Warehouse
  - Change Price List
  - Change Distr. Rule
  - Change Project
  - Change Planned Average Production size
- New *Update Rows* checkbox allows users to change and review the rows before execution.
- New *Change Header Preview* window allows users to review the BOM header properties to be changed before execution.

Bill of Material Component Management

Feature

- New section *Routed* shall be added to include filtering for:
  - ➢ Route Sequence (From - To)
  - ➢ Route Stage (From - To)

- Route Stage is a new option under Select BOM Lines giving you the ability to:
  - ➢ Delete route stage rows together with all components belonging to this route stage
  - ➢ Change Route Stage Code and Waiting Days for existing Route Stage.

- *Add BOM Lines* and *Change BOM Lines* management tasks now have the option to set and/or change *Price List*, *Distr. Rule* and *Project* details.

- *Change Route Sequence* and *Change Route Stage* are also new options when Routed is set to *Yes* and *Item*, *Resource* or *Text* is selected.

Benefit

- BOM Component Management now supports route stages.

- Increased flexibility when specifying properties for BOM lines to be changed for items and resources.

Variance Report for Production Orders

Feature

- A new *Variance Report* is added for Production Orders. To open this report, go to Production Order -> Summary tab and click the yellow arrow next to the Total Variance Field.

Benefit

- The report shows the contribution of each production component to the final production variance for a selected Production Order.

Inventory | Distribution

SAP Business One 9.3

Unit of Measure (UoM)

Feature

- View batch quantities in terms of the document UoM from which the Batch assignment/allocation screen is triggered.

Benefit

- Less confusion: batch selection corresponds to quantity in the document and not the Inventory (storage) UoM.
- Increase warehousing efficiency.

Global setting to control "Display Batch Quantities By"

Feature

- Global setting to drive best practice as maintained in the organization.
- Batch Unit of Measure (UoM) corresponds to Global setting.

Benefit

- Uniform usage throughout the organization.
- Increases efficiency.

Inventory | Distribution

Feature	Description	Localization
Drop-Ship Warehouse in Template BOM	Drop-Ship warehouse is now available to be chosen in a BOM of type Template.	All

Business Intelligence

SAP Business One 9.3

Analytical Portal (1/2)

Feature

- Ability to publish and share documents via the Analytical Portal for:
  - Crystal Reports
  - MS Excel
- Access the Analytical Portal via this URL: https://*<hana-server>*:*<Port>*/Portal
- Ability to access the Analytical Portal for every user but only authorized reports are being displayed
- The authorized documents can be downloaded or run in different formats:
  - MS Excel – PDF, Excel or HTML
  - Crystal Reports – PDF
- It is not necessary to have an SAP Business One Client or MS Excel installed on client side.
- The documents can be run on different devices such as a web client or mobile device.
- On Premise and On Demand users are supported.

Analytical Portal (2/2)

Feature

- Favorite Reports tab appears when a minimum of one report is marked as a favorite.
- Documents can be downloaded directly, or scheduled (daily, weekly, monthly) and sent via mail.
- Report runs (scheduled or manual) are saved in the Report History area:
    - Information like report name, type, start date time, run status etc. are listed.
    - The report result can be downloaded and viewed.
    - The maximum number of report results for each report scheduling task can be configured.

Benefit

- Provides an overview of scheduled reports and historical data.
- Documents can be scheduled and are available on different devices.

New Cockpit Templates 1/2

Feature

- New Cockpit Templates available for Finance, Sales, Purchase and Inventory
- Users can create own Cockpit Templates and set them as Public
- Selection of available Cockpit Templates via "Select Templates" button
- Choose the template which should be shown

Benefit

- Possibility to create different views
- More flexibility
- Create different Cockpit views for different roles or for test purposes

New Cockpit Templates 2/2

Feature

- Newly created Cockpit Templates can be published to all users
- To do this special authorization is necessary
- Cockpit template can be assigned by a power user to special user groups
- For each system authorization group a default Cockpit Template is available
- Only one template can be assigned to one default authorization group

Benefit

- Possibility to create different Cockpit views
- Central template management and assignment

Pervasive Analytics Dashboard Designer
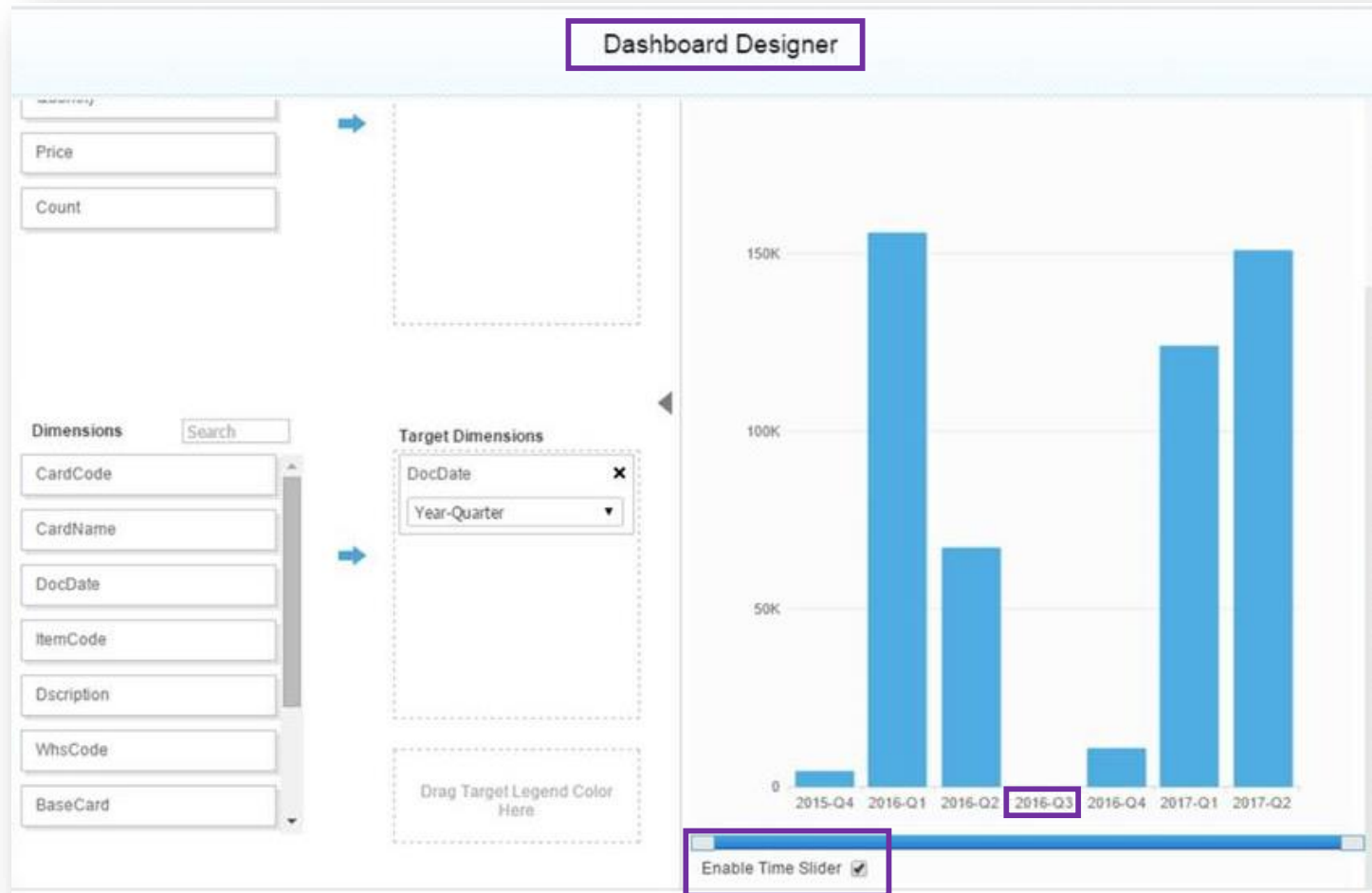
Feature

- User can enable the Time Slider function.
- After enabling Time Slider, empty data records are shown in the Dashboard.
- Empty data records are shown as zero.

Benefit

- All units of time (day, month, week, year etc.) are shown in the Dashboard.
- Provides an overview of the whole time frame including records shown as zero with no interruption.

Platform | Extensibility

SAP Business One 9.3

Web-based Workflow Management

Feature

- Web-based management.
- Improved performance (response time) and stability.

Benefit

- Unified and centralized configuration in the System Landscape Directory.

Company Specific Mailer Configuration

Feature

- Enable company specific mailer configuration.
- Switch between global company mailer configuration and company specific configuration.

Benefit

- Each tenant can have their own mail server in SAP Business One Cloud.

Query Manager UI Enhancements
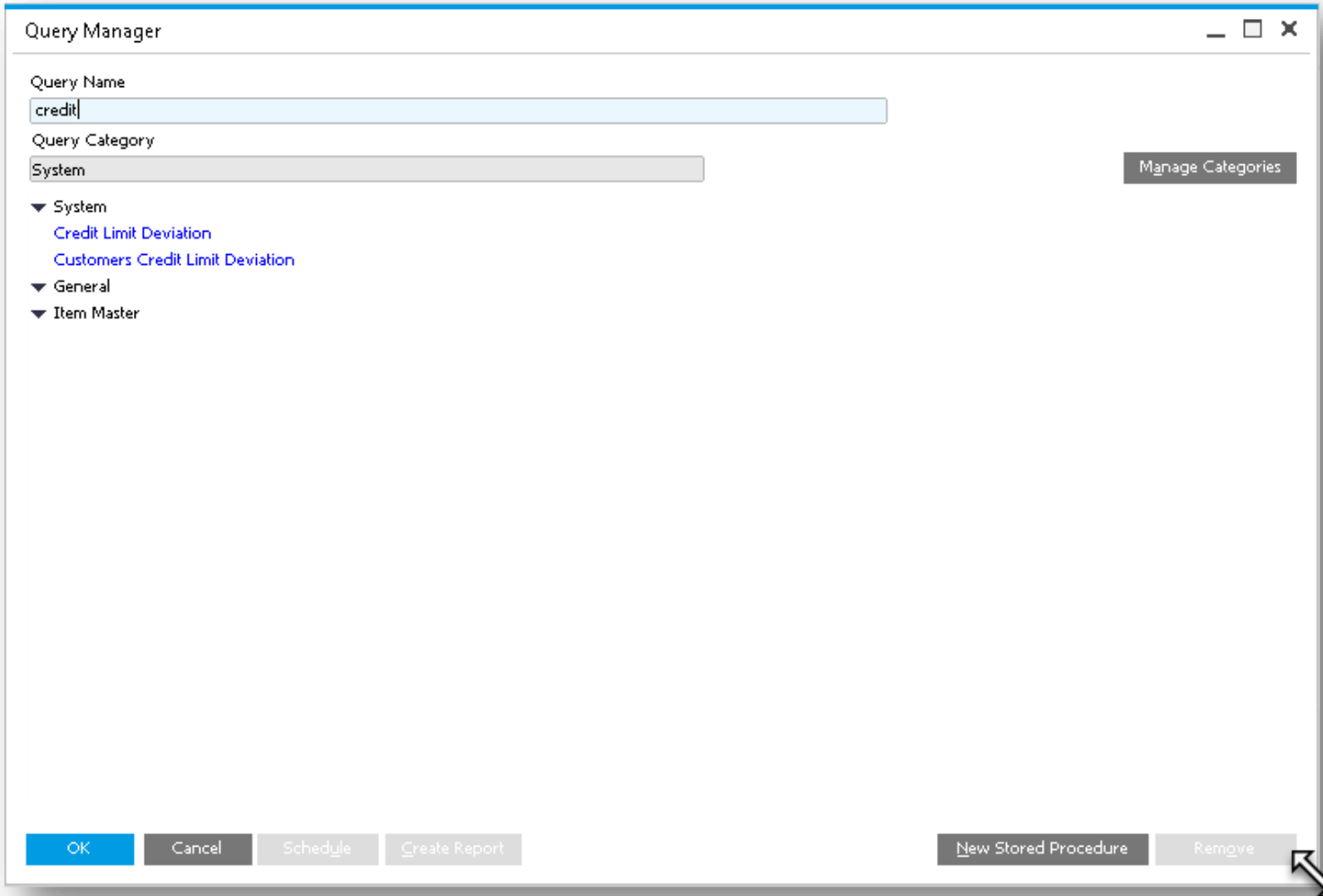
Feature

- Filter the list of queries by query name.
- Expand the form to fit the results on your screen.

Benefit

- Fast access to queries.
- Full view of long query names and folders.

Using Extension Package Tool in Command Line Mode


```
C:\Program Files (x86)\sap\SAP Business One SDK\Tools\ExtensionPackage>ExtensionPackage.exe /86:"C:\Users\I043582\Deskto
p\AddOn Source\DemoAddOn\bin\x86\Release\DemoAddOn.exe" /64:"C:\Users\I043582\Desktop\AddOn Source\DemoAddOn\bin\x64\Rel
ease\DemoAddOn.exe" /p:"C:\Users\I043582\Desktop\AddOn Deployment Package\DemoAddOn.zip" /s:"C:\Users\I043582\Desktop\Ad
dOn Deployment Package\DemoAddOn.ard" /ex:".dll|.pdb|.manifest|.b1s"

C:\Program Files (x86)\sap\SAP Business One SDK\Tools\ExtensionPackage>

Info:C:\Users\I043582\Desktop\AddOn Deployment Package\DemoAddOn.zip already exists.The original file will be replaced.
Start packaging.
Packaged successfully.

C:\Program Files (x86)\sap\SAP Business One SDK\Tools\ExtensionPackage>
```

Feature

- Generate lightweight extension package from command line

Benefit

- Automatization for solution packaging

ExtensionPackage.exe

/v: "1.3" (version of the Add-On solution)

/86: "..\DemoAddOn\bin\x86\Release\DemoAddOn.exe" (path to add-on 32 bit executable file)

/64: "..\DemoAddOn\bin\x64\Release\DemoAddOn.exe" (path to add-on 64 bit executable file)

/p: "C:\temp\Deployment Package\DemoAddOn.zip" (full path to save the output package)

/s: "..\AddOn Deployment Package\DemoAddOn.ard"   (source ARD file which contains basic information)

/ex: ".dll | .pdb | .manifest | .b1s" (exclude files with specified suffixes under the packaging directory)

Expose Semantic Layer as an OData Service

Feature

- Expose Semantic Layer Query Views to SL.
- Expose Semantic Layer as Service.

Benefit

- Semantic view service supports OData ver. 4
- The following query options are available : $filter, $select, $orderby, $top, $skip and $count.
- Parameters can be used.

Platform | Extensibility

Feature	Description
EFM Enhancement	Porting from C# to JAVA to support electronic invoices in service layer (Portugal only).
SAP Business One Studio	SAP Business One Studio supports Visual Studio 2015 and TFS (Team Foundation Server) 2015.
X-App Supports SSO for Service Layer	X-Apps can make calls to Service Layer without requiring the end user login again.
UI-API Lost Focus-Get Focus Improvements	Improved performance of grids when updating calculation fields
Support XML methods for SAPbouiCOM.DBDataSource	Fast data retrieve and manipulation on DBDataSource.
Service Layer as a Service*	A new service on the Service Layer platform which exposes semantic layer views in OData format. * Planned for later patch level in SAP Business One 9.3, version for SAP HANA
Optimized Login Connection	Connect method optimization
Internal Reconciliation is exposed in DI API and Service Layer	The feature is presented as a new CompanyService object. Generally, it can get, cancel and add reconciliation entries.
Manage Electronic Document Monitor from DI API	The feature is presented as a new CompanyService object. It can get, add, delete and update the Electronical Documents. It has a feature to manipulate with the Electronical Documents logs.
User Defined Field extension	The User Defined Field's Link to System Object section had been extended with 20 additional objects, like Bill of Materials, Opportunity, Activities, Banks and Users.

Lifecycle Management

SAP Business One 9.3

Centralized Deployment

Feature

- Register MS Windows and SUSE Linux machines of a company
- Remotely install and use the SLD agent for various operations, such as:
  - Creating Server Repository (SBO-COMMON)
  - Installing SAP Business One Client remotely
  - Adding Demo Databases
  - Upgrading SAP Business One Database

Benefit

- Comprehensive and direct management of the company landscape at hand
- Save time in implementation tasks

Embedded Incident Management

Feature

- Instantly record a problem inside SAP Business One Client

- Document all taken steps as screenshots with text

- Submit report including issue description and file path to Partner WebDAV by the Remote Support Platform Task 2578688 **(PL03)**

Benefit

- Provides accurate issue description to SAP Partner

- Reports problems internally to get direct support from colleagues within the company

Remote Support Platform 3.2

Latest Features

- Schema Consistency Check enforcement to Instance Backup feature
  - RSP Task 2315090 performs SAP HANA schema consistency checks described in SAP Note 2116157
  - Ability to run on productive databases only
  - Ability to get email notification about status change
- Simplified Content Upload Requests (CUR) for upload of GoToAssist recordings
  - No need to email the Content Upload request and encryption key.

Benefits

- Consistency check strategy
- Quicker and more effective support

Note: As of SAP Business One 9.3, RSP's versioning is de-coupled from SAP Business One's versioning. RSP 3.2 patches will be delivered together with SAP Business One 9.3, thus allowing a flexible software delivery of RSP.

Thank you.

SAP Global SME Business Unit I Rollout Services

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