SAP Business One 9.3

Release Highlights

Global Rollout

March 2020

PUBLIC

Note to Customers, Partners, and Others
This material may not be published on other platforms or websites outside SAP.
Please note the copyright "*No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE…*".
To reference the latest material please use this link.

THE BEST RUN SAP

Legal disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. This presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation and SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this document is not a commitment, promise or legal obligation to deliver any material, code or functionality. This document is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This document is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this document, except if such damages were caused by SAP´s willful misconduct or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

A comprehensive business solution & platform for connected SMBs.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

SAP Business One 9.3 Highlights (1/2)

Administration

- Authorization Simplification
- Import from Excel Updates
- Approval Procedure Enhancements
- Quick Copy & DTW supports Additional Objects
- My Settings Support
- Change Log Clean-up Utility
- Multi-Branch Supports Data Ownership
- Multi-Branch Filtering & Transaction Updates
- License Updates
- HTML based Online Help

Data Protection

- GDPR - Data Privacy and Protection

Sales | Purchasing | Service

- Return Merchandise Authorization (RMA)
- Gross Price Redesign*
- Price List Updates
- Campaign Management Updates
- Blanket Agreement Enhancements
- Electronic AP Invoice Updates
- CRM Simplification

Production

- Simple Production Routing

Inventory | Distribution

- UoM Batch Selection

Financial Management

- Internal Cost Accounting Transactions
- Centralized Payment Engine
- 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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

SAP Business One 9.3 Highlights (2/2)

Business Intelligence

Analytical Portal	HANA
Pervasive Analytics Designer Update	HANA
New Cockpit Templates	HANA
Crystal Reports – Default Elements for Translations	

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	HANA
Performance Optimization	
Improved Security	
Integration Framework 2.0 Enhancements	
Integration Framework 2.0 Mapping Tool	

Lifecycle Management

Centralized Deployment
Embedded Incident Reporting
System Landscape Directory Enhancements
Remote Support Platform 3.2 Updates

*Localisation specific

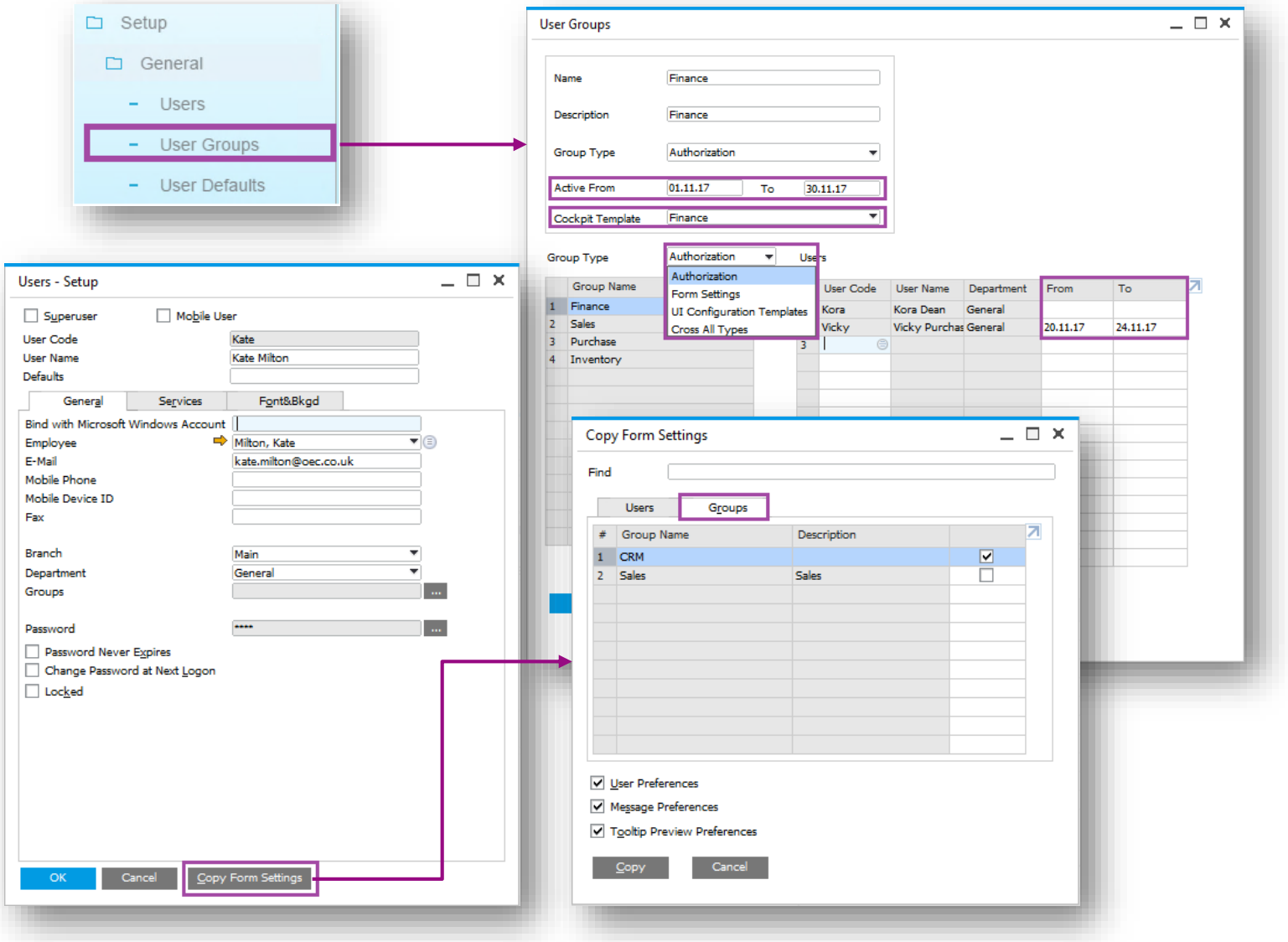
© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Administration

SAP Business One 9.3

Authorization Simplification

PL01 Update



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)**
  - See SAP Note 2572862
  - 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.

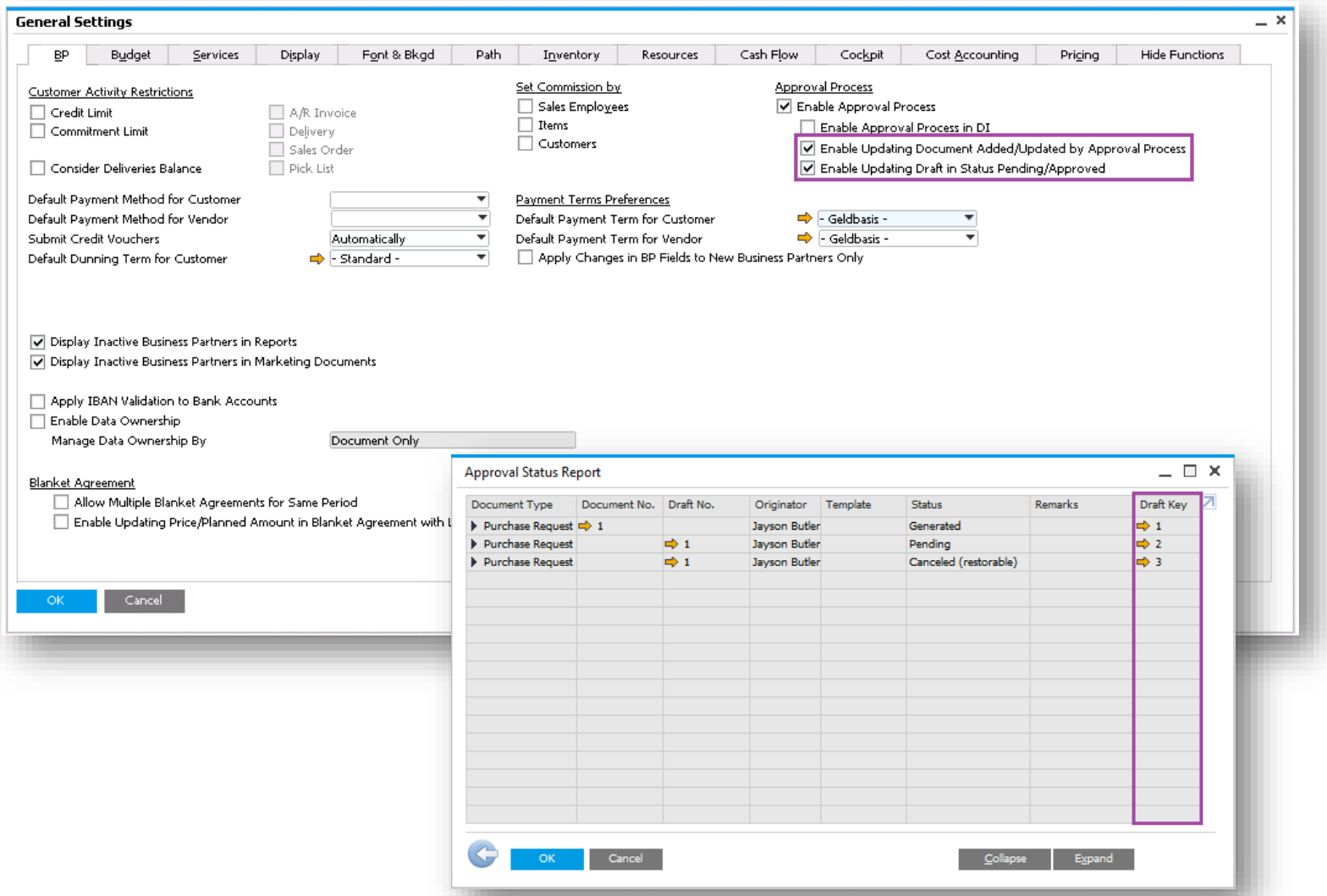
Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Approval Procedure Enhancements

PL01 Update



Feature

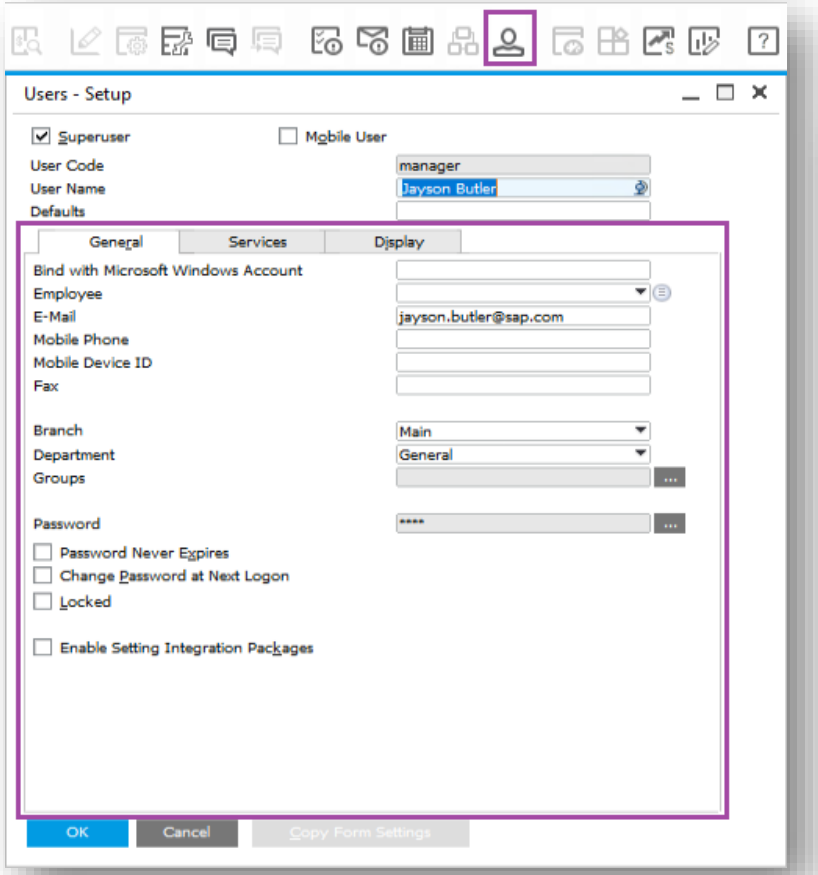
- Enable updating a previously approved document.
- Enable updating a draft document with status Pending/Approved.
- Approval Decisions Report now shows the Draft Key. See SAP Note 2512348 **(PL01)**

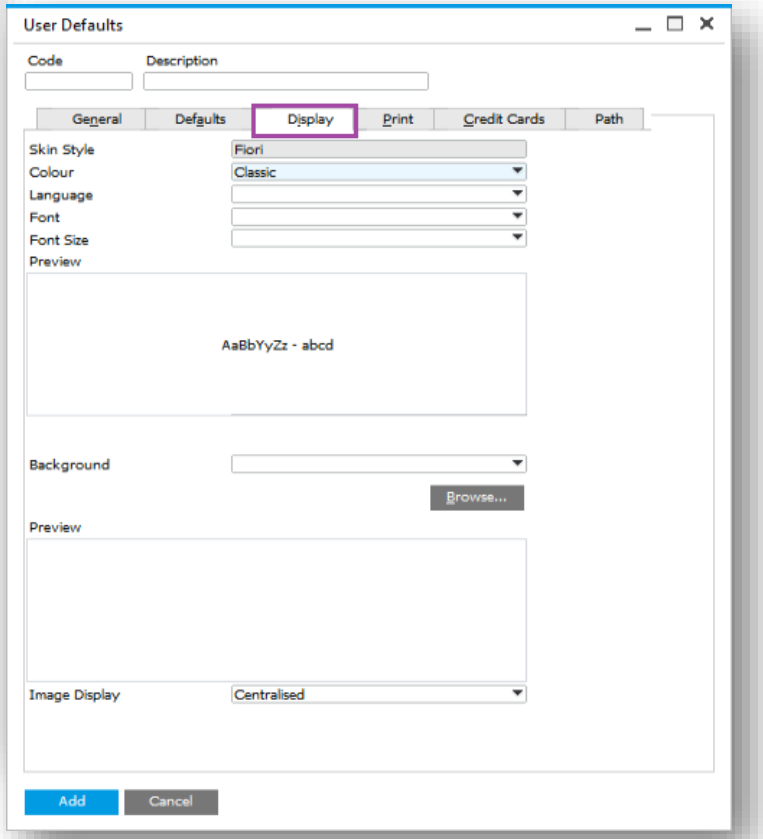
Benefit

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

My Settings Support





Feature

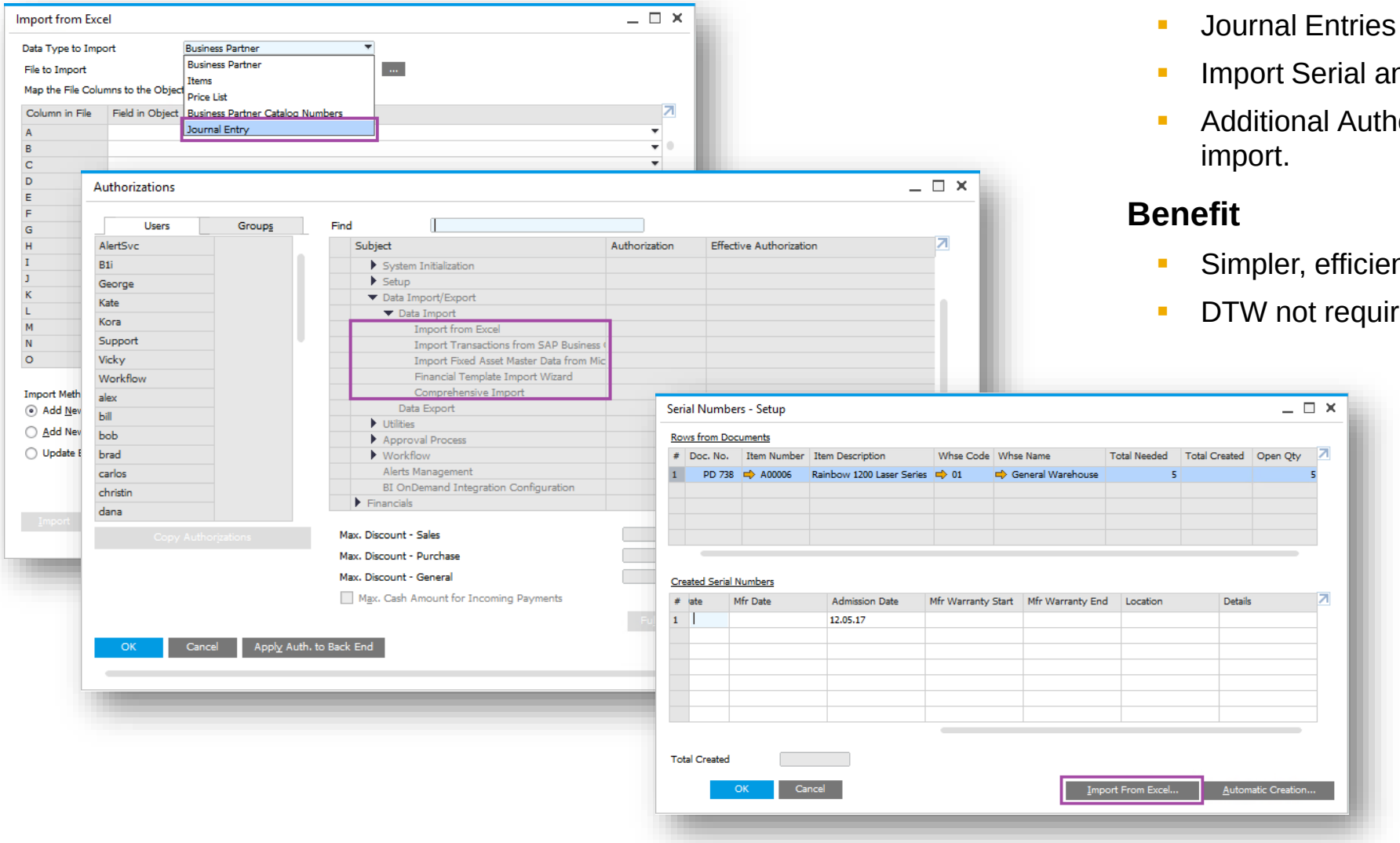
- The User – Setup form is enhanced to include various user-specific options, that previously used to be in the General Settings form.
- New icon on the toolbar enables users to access their user setup form and personalize it.
- The User Defaults form is extended and includes Display tab.

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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Import from Excel (1/2)



Feature

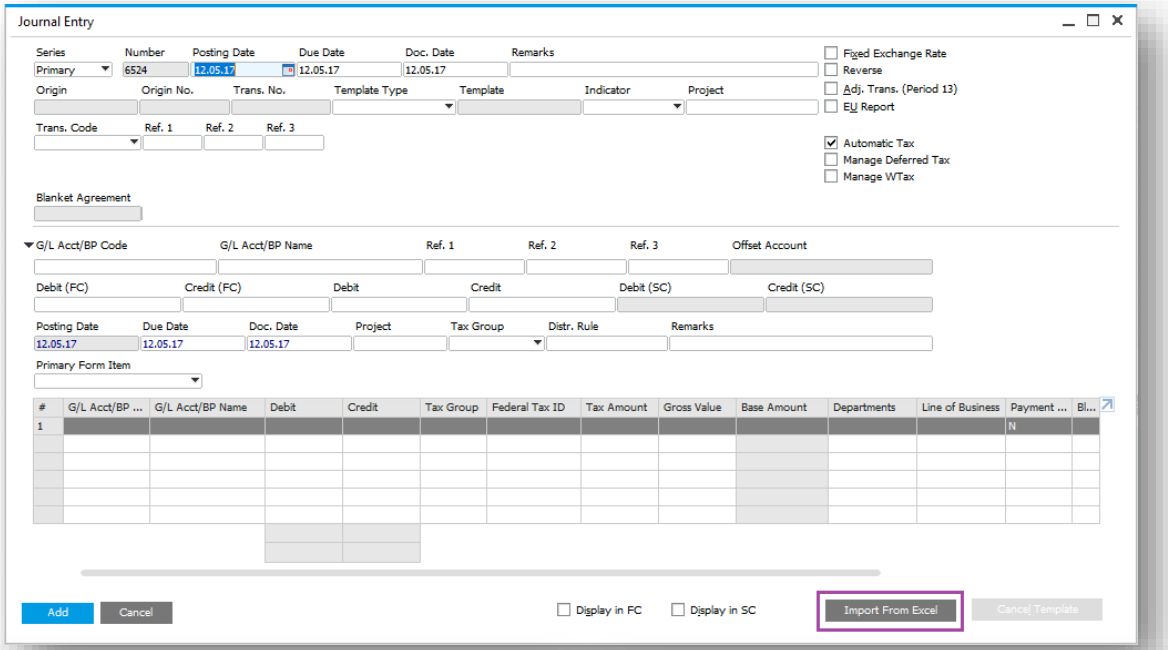
- Journal Entries added to Import from Excel.
- Import Serial and Batch numbers from Excel.
- Additional Authorizations added for data import.

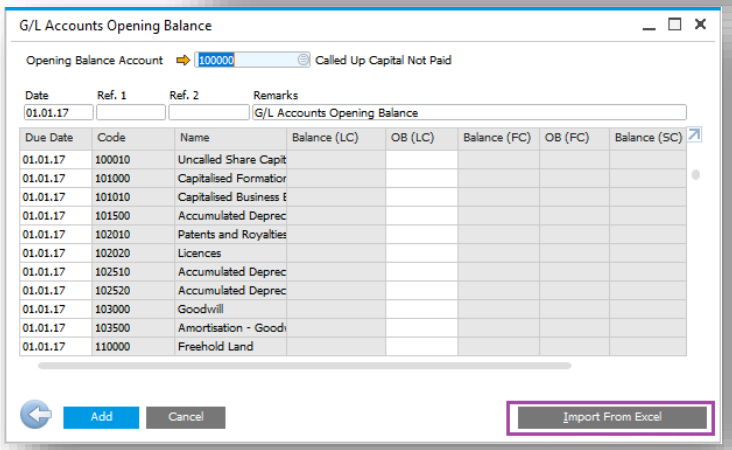
Benefit

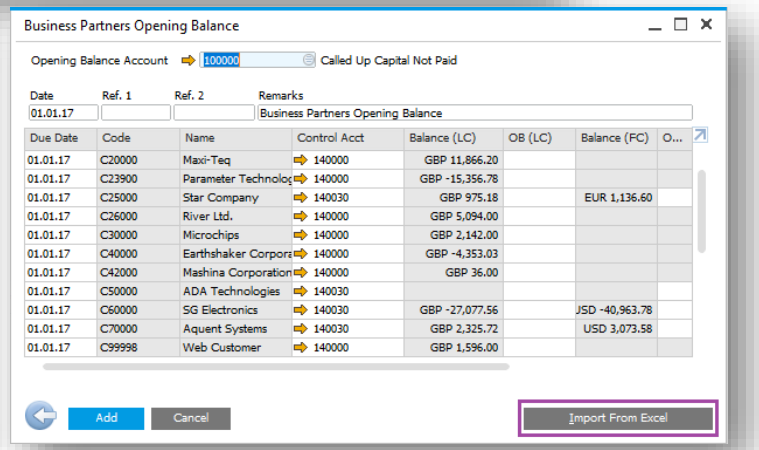
- Simpler, efficient import process.
- DTW not required for importing these objects.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Import from Excel (2/2)







Feature

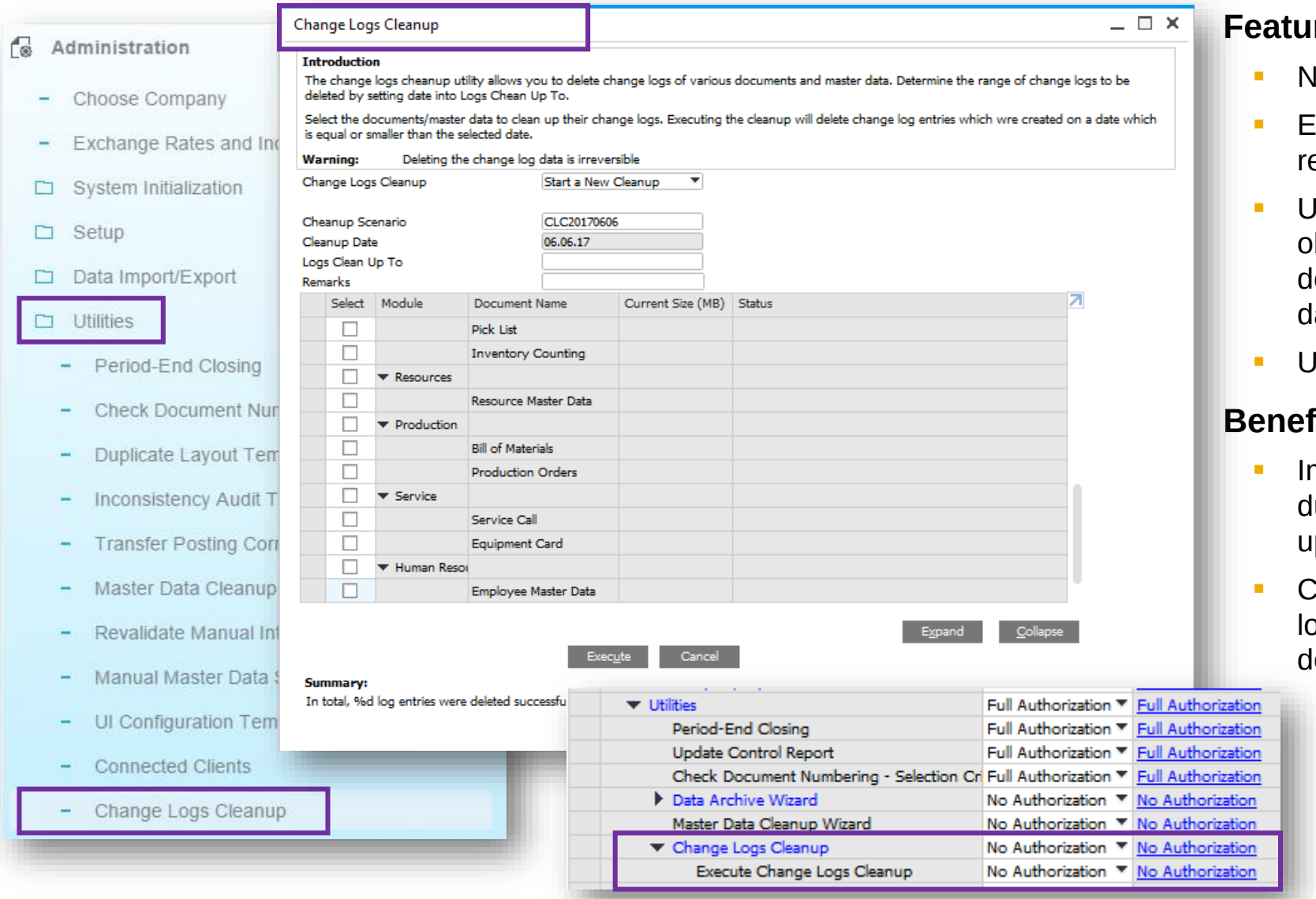
- Import Journal Entry from Excel.
- Import G/L and BP Opening Balances from Excel.

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

Change Log Cleanup Utility



Feature

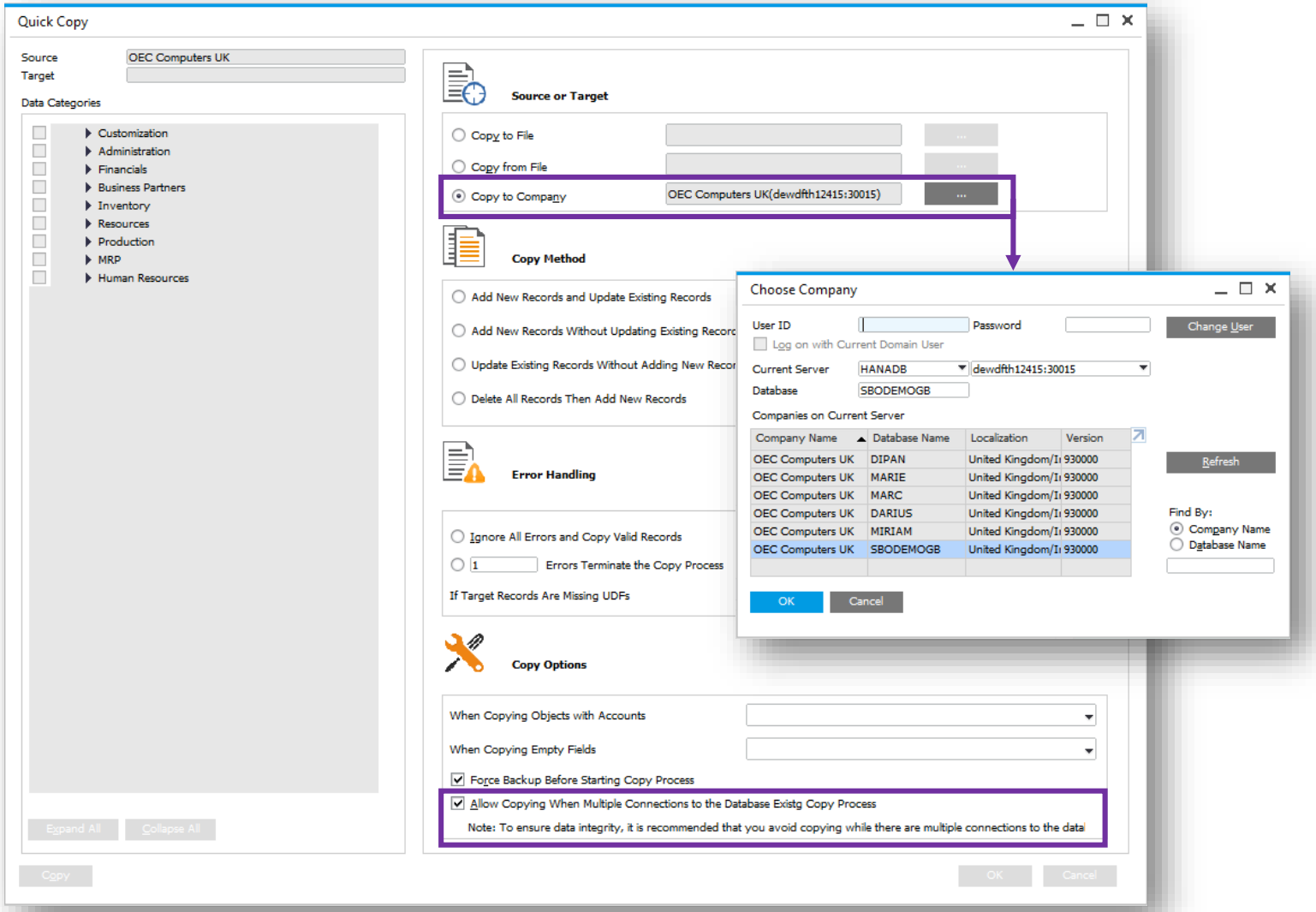
- New Change Log Cleanup Utility available.
- Enables users to clean out the change log to reduce the size of a company database.
- Users have the ability to determine which objects from the change log entries should be deleted and restrict the deletion to a specific date range.
- Utility subject to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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Quick Copy



Feature

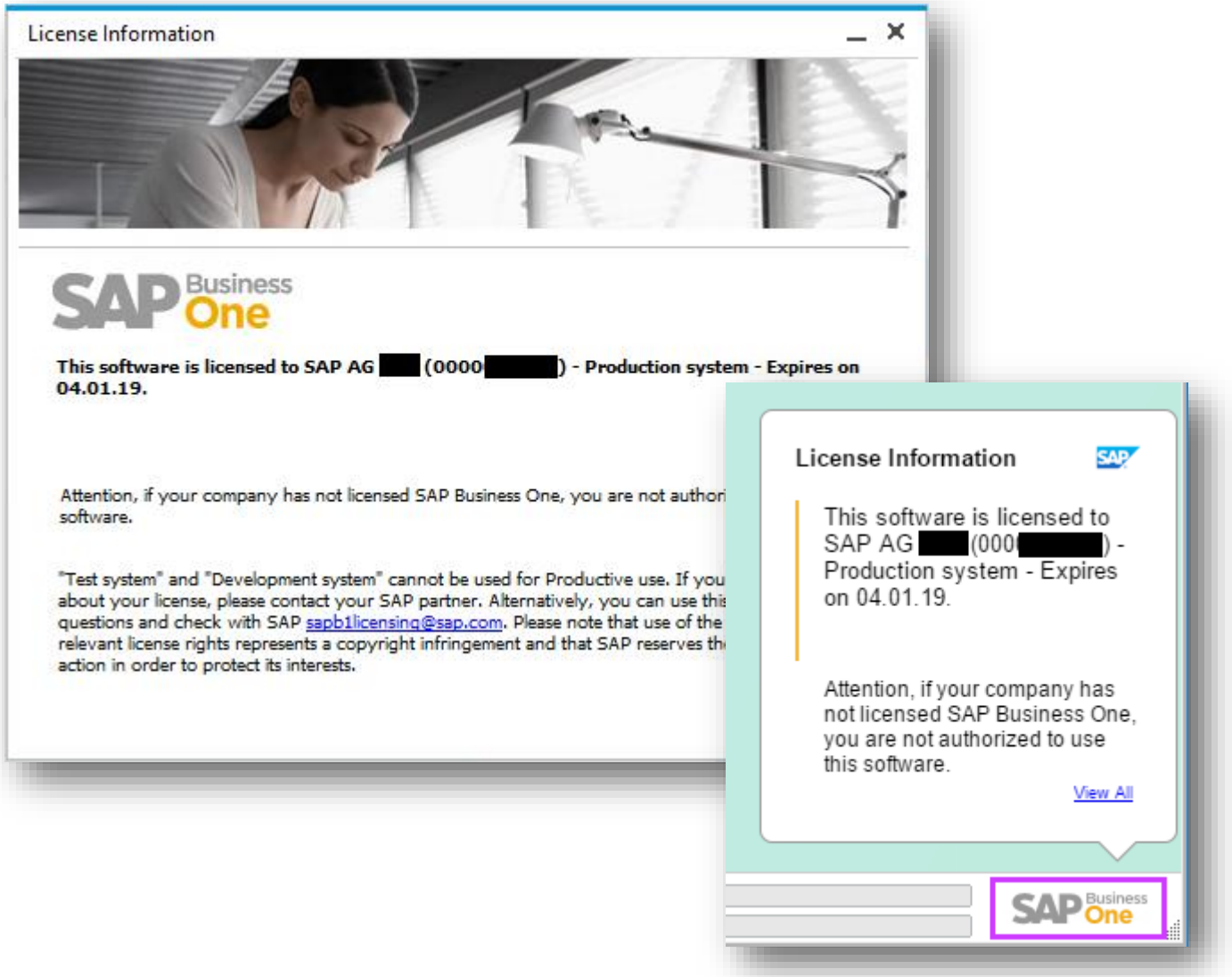
- Ability to copy data directly to target companies.
- Allows copying to a target company when connections exist to that company.

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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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.

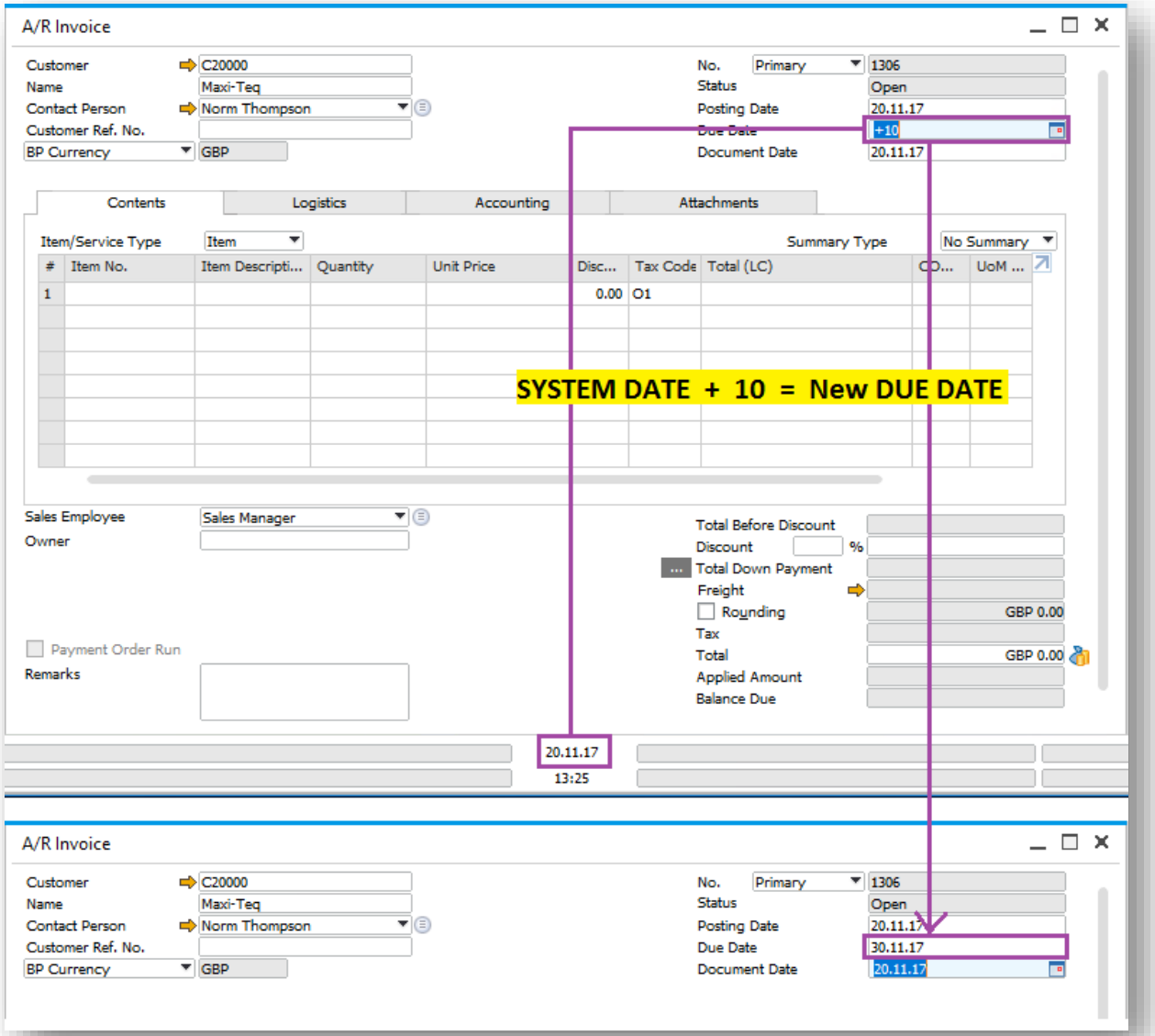
Benefit

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Multiple Ways to Input Dates

PL01



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
- See SAP Note 2535468

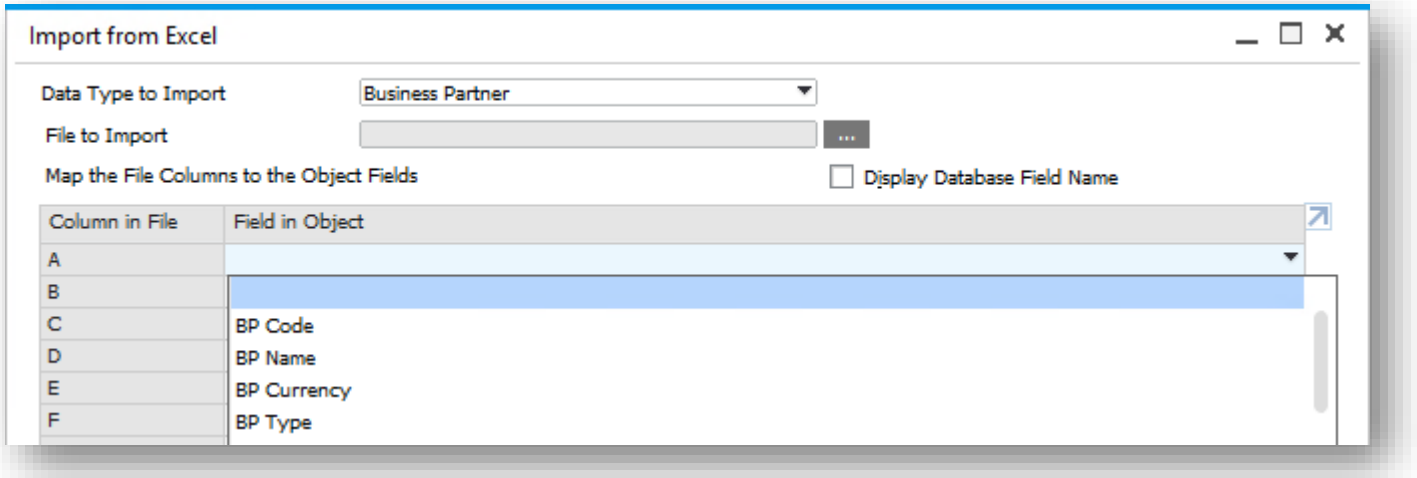
Benefit

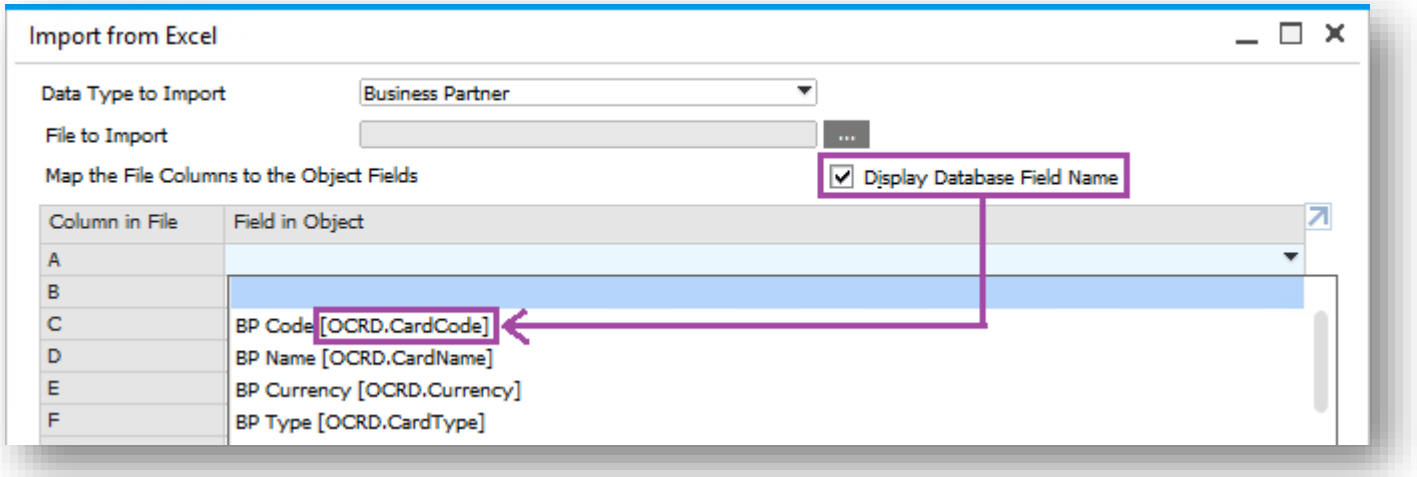
- Quicker date input
- Ease of Use

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Display Database Field Name for Import from Excel

PL01





Feature

- Checkbox : Display Database Field Name
- Provides the database table and field name into where the information will be imported
- See SAP Note 2521050

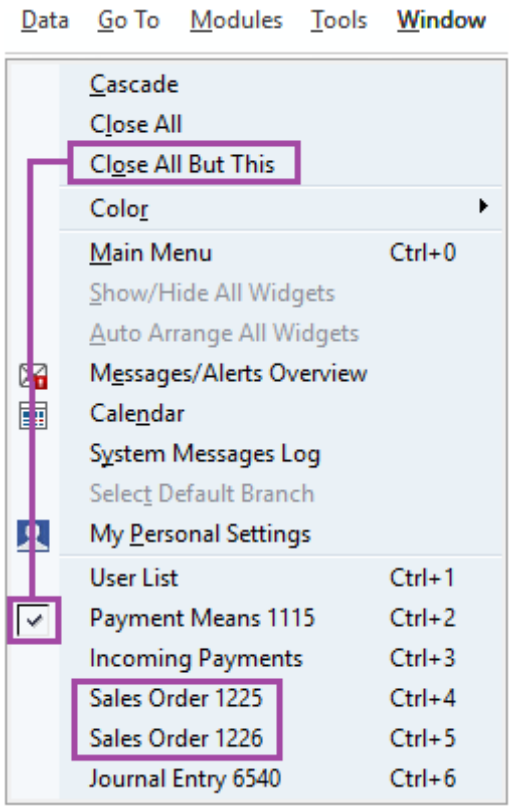
Benefit

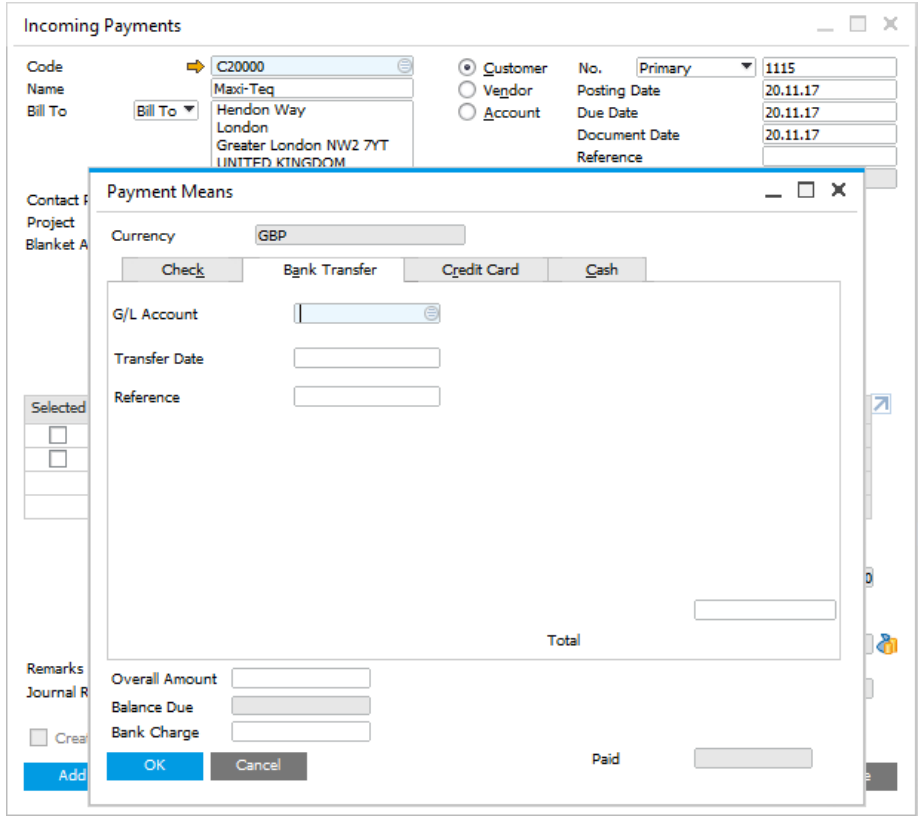
- Clear understanding of the target tables/fields
- Accurate data import

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Managing Multiple Open Windows

PL01





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
- See SAP Note 2535522

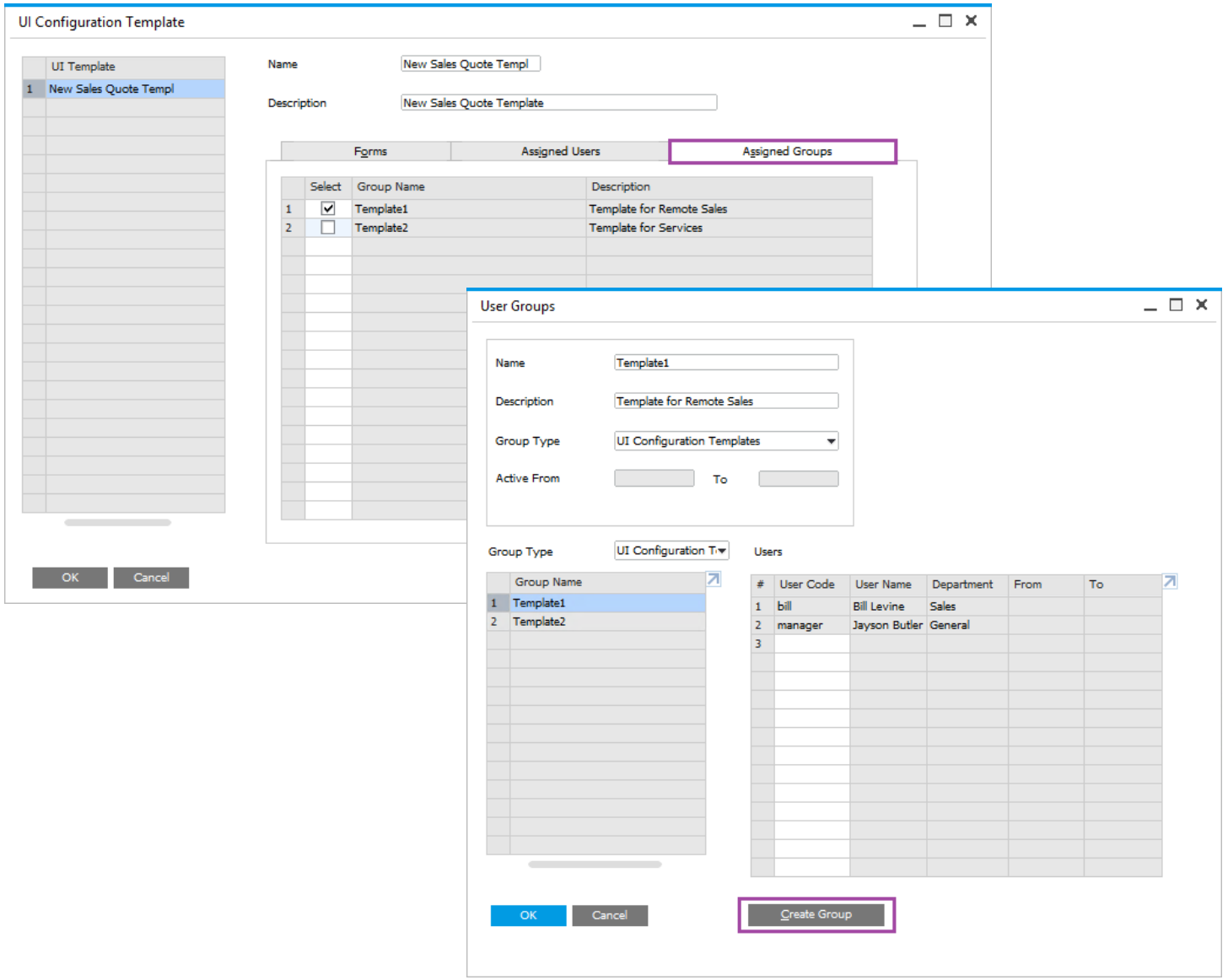
Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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.
- See SAP Note 2572862

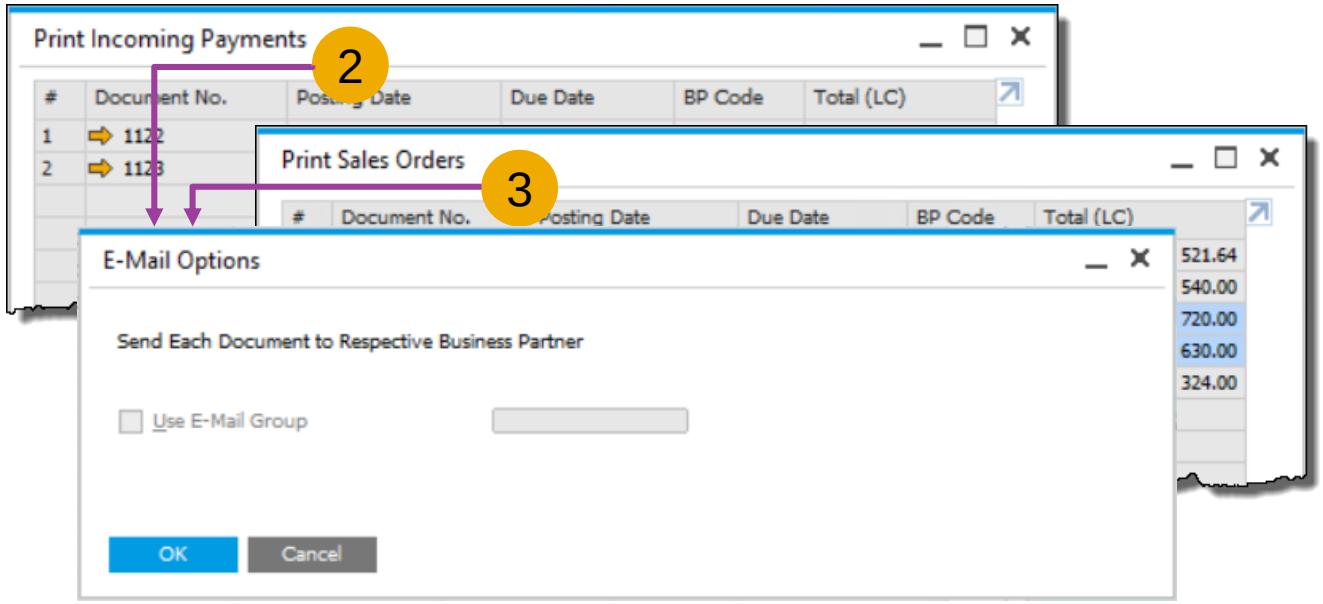
Benefit

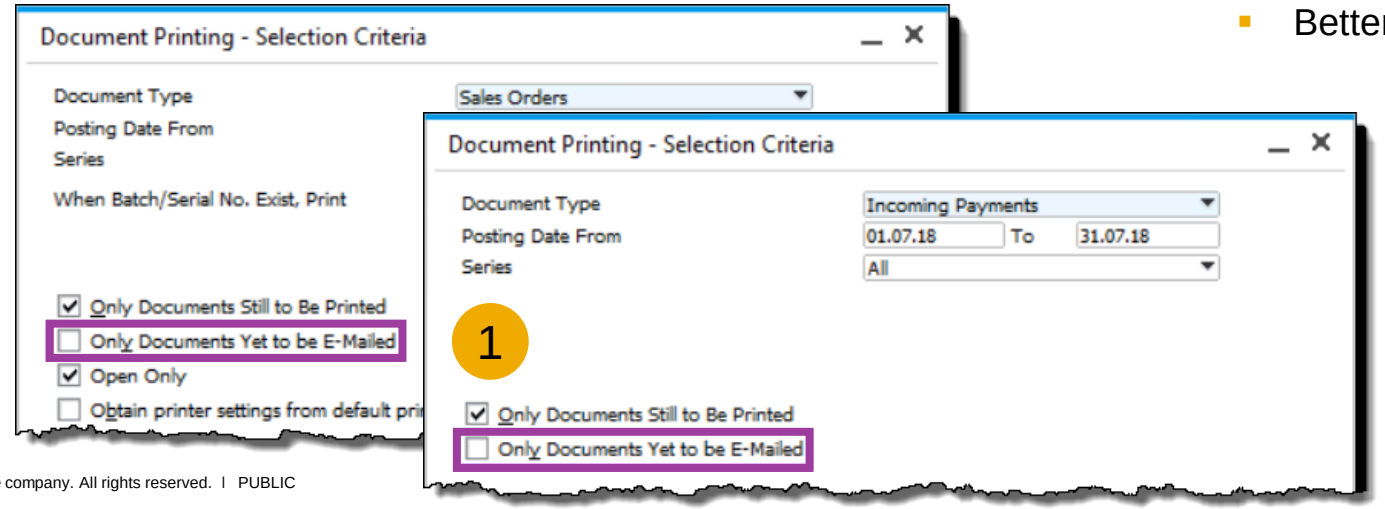
- Quickly apply UI Templates predefined groups of users.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Email Enhancements

PL05





Feature

- Option 1: New option “Only Documents Yet to be E-Mailed” available in *Document Printing*
- Option 2: Window *E-Mail Options* appears for payment documents
- Option 3: Supporting Email function for multiple documents; window *E-Mail Options* appears
- See SAP Note 2664840

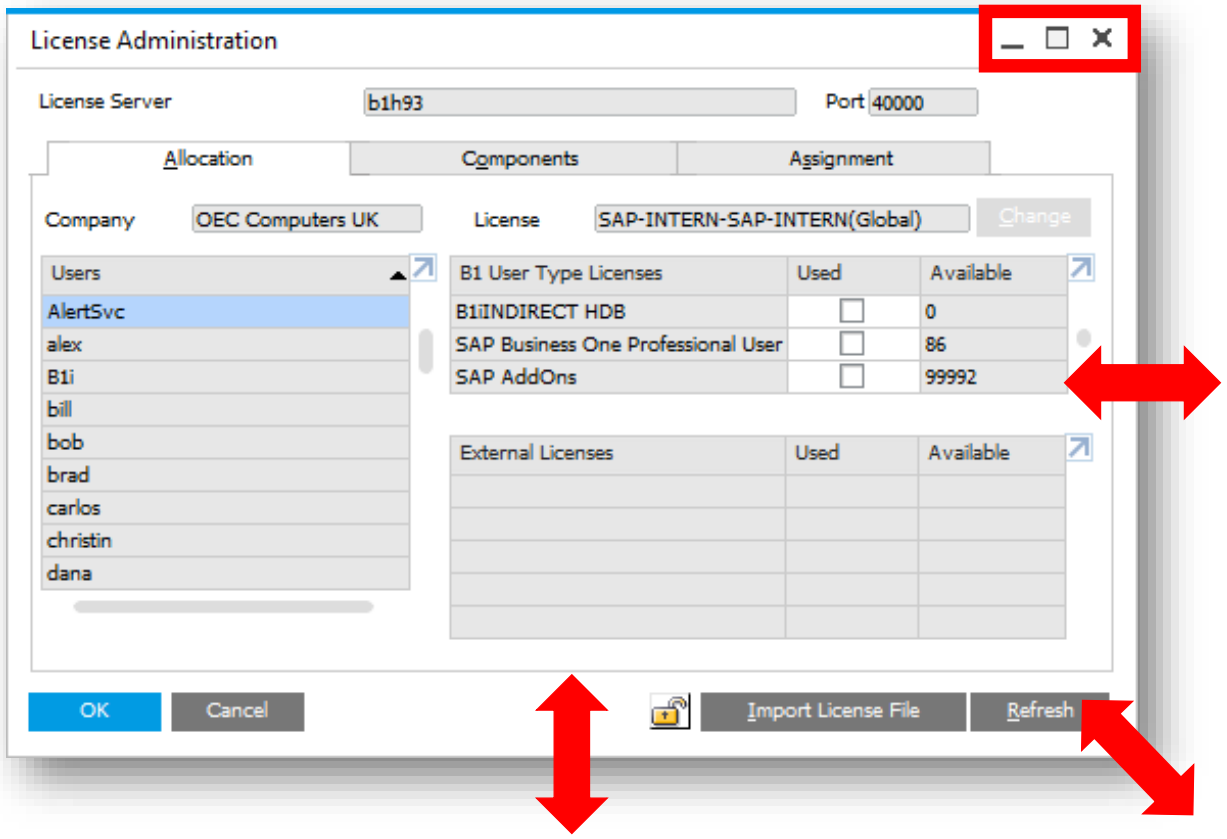
Benefit

- Better E-Mail handling

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

User Name visible in Authorizations and License Form resizing

PL07

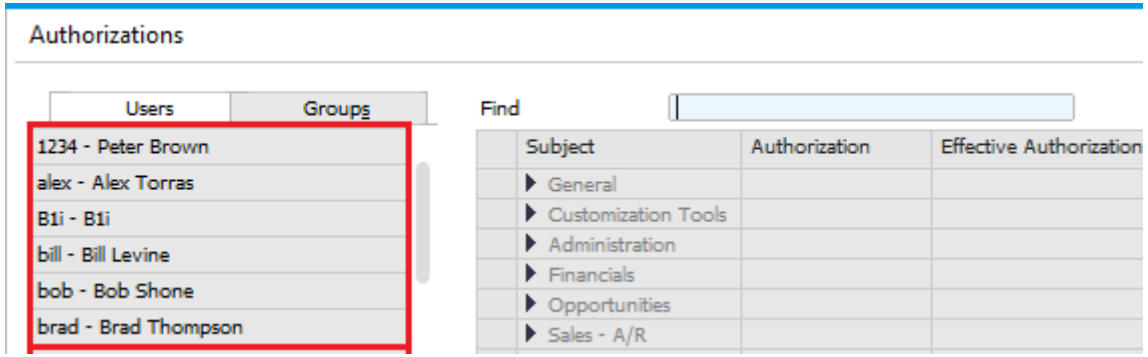


Features

- Resizing enabled in the License Administration form
- User name displayed in the Users tab in Authorizations form (in addition to User Code)
- See SAP Note 2698804

Benefits

- Enhanced usability
- Identify users easily



© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

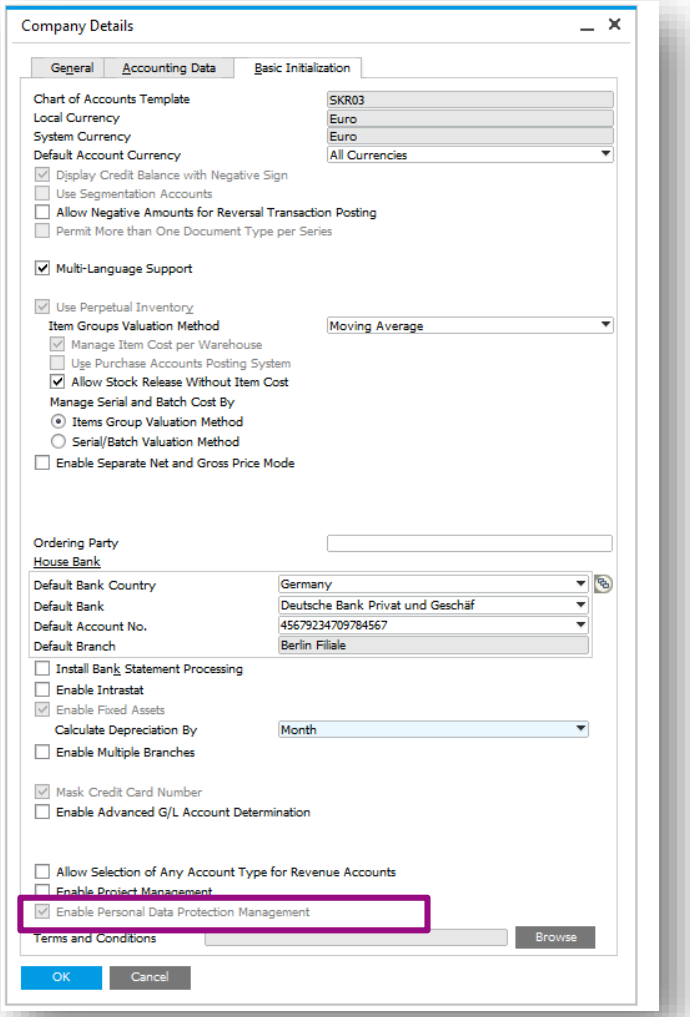
Data Protection

SAP Business One 9.3

- SAP Note 2519273 – EU General Data Protection Regulation (GDPR)
- For details check the Introduction to EU GDPR Compliance with SAP Business One

Personal Data Protection Management Initialization

GDPR (1/21)
PL04



Feature

- Initialization setting on Company Details form to activate all new Data Privacy and Protection enhancements in SAP Business one.
- Automatically activated for all localizations for EU countries, Norway and Switzerland after upgrade to 9.3 PL04. It can be turned off (not recommended) before any natural person is determined and/or any personal data erasure or personal data block is executed.
- See SAP Note 2611748

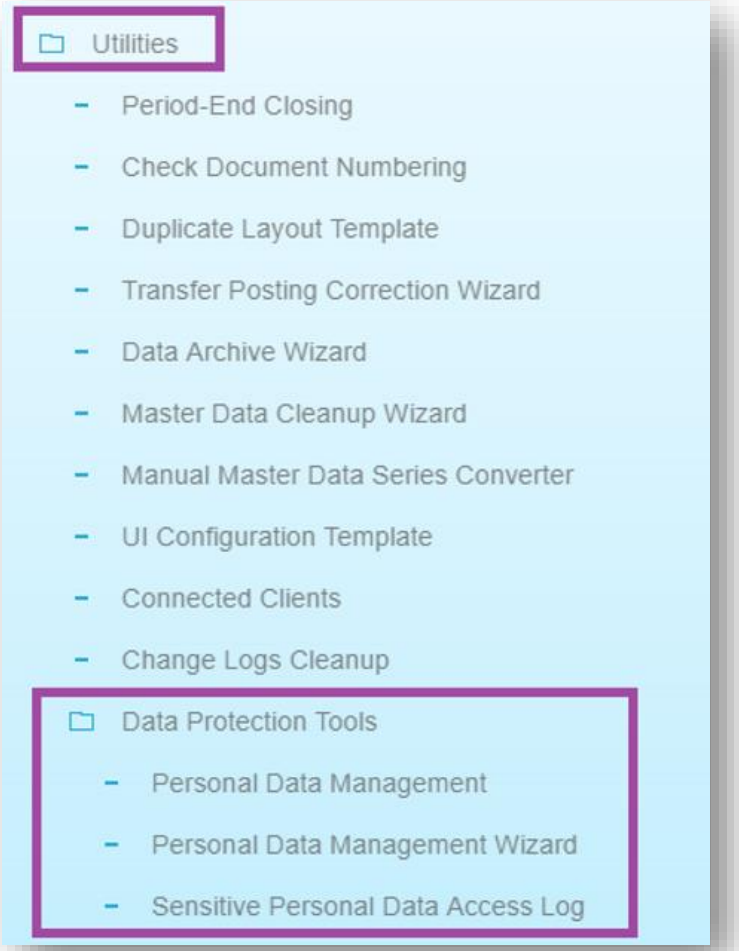
Benefit

- Decide on activation of new functions to better control and contribute to GDPR and Data Privacy Protection compliance.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Data Protection Tools – Main Menu Entry

GDPR (2/21)
PL04



Feature

- Data Protection Tools are managed under Administration/Utilities.
- See SAP Note 2611748

Benefit

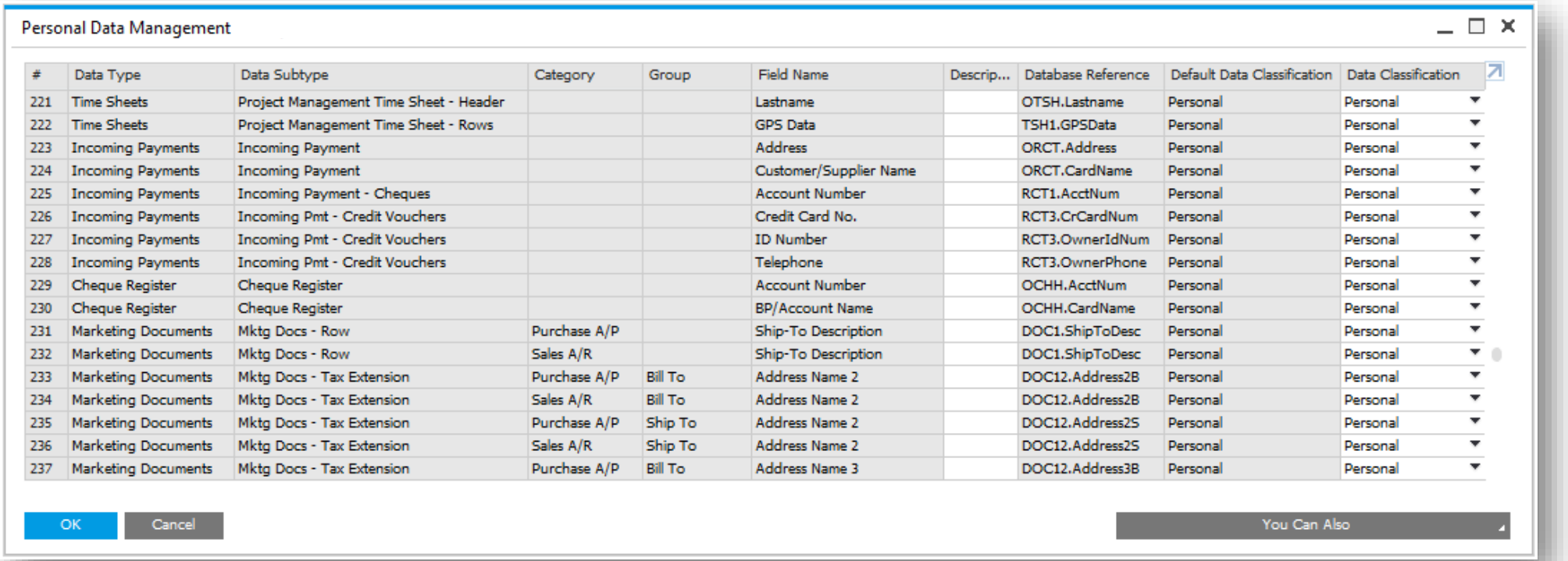
- Centralized location for managing personal data protection.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Personal Data Management

GDPR (3/21)

PL04



Personal Data Management

#	Data Type	Data Subtype	Category	Group	Field Name	Descrip...	Database Reference	Default Data Classification	Data Classification
221	Time Sheets	Project Management Time Sheet - Header			Lastname		OTSH.Lastname	Personal	Personal
222	Time Sheets	Project Management Time Sheet - Rows			GPS Data		TSH1.GPSData	Personal	Personal
223	Incoming Payments	Incoming Payment			Address		ORCT.Address	Personal	Personal
224	Incoming Payments	Incoming Payment			Customer/Supplier Name		ORCT.CardName	Personal	Personal
225	Incoming Payments	Incoming Payment - Cheques			Account Number		RCT1.AcctNum	Personal	Personal
226	Incoming Payments	Incoming Pmt - Credit Vouchers			Credit Card No.		RCT3.CrCardNum	Personal	Personal
227	Incoming Payments	Incoming Pmt - Credit Vouchers			ID Number		RCT3.OwnerIdNum	Personal	Personal
228	Incoming Payments	Incoming Pmt - Credit Vouchers			Telephone		RCT3.OwnerPhone	Personal	Personal
229	Cheque Register	Cheque Register			Account Number		OCHH.AcctNum	Personal	Personal
230	Cheque Register	Cheque Register			BP/Account Name		OCHH.CardName	Personal	Personal
231	Marketing Documents	Mktg Docs - Row	Purchase A/P		Ship-To Description		DOC1.ShipToDesc	Personal	Personal
232	Marketing Documents	Mktg Docs - Row	Sales A/R		Ship-To Description		DOC1.ShipToDesc	Personal	Personal
233	Marketing Documents	Mktg Docs - Tax Extension	Purchase A/P	Bill To	Address Name 2		DOC12.Address2B	Personal	Personal
234	Marketing Documents	Mktg Docs - Tax Extension	Sales A/R	Bill To	Address Name 2		DOC12.Address2B	Personal	Personal
235	Marketing Documents	Mktg Docs - Tax Extension	Purchase A/P	Ship To	Address Name 2		DOC12.Address2S	Personal	Personal
236	Marketing Documents	Mktg Docs - Tax Extension	Sales A/R	Ship To	Address Name 2		DOC12.Address2S	Personal	Personal
237	Marketing Documents	Mktg Docs - Tax Extension	Purchase A/P	Bill To	Address Name 3		DOC12.Address3B	Personal	Personal

OK Cancel You Can Also

Feature

- New control to define and categorize personal Data.
- User Defined Fields (UDF) in GDPR objects can be determined as personal data.
- New entry under Data Protection Tools.
- See SAP Note 2611748

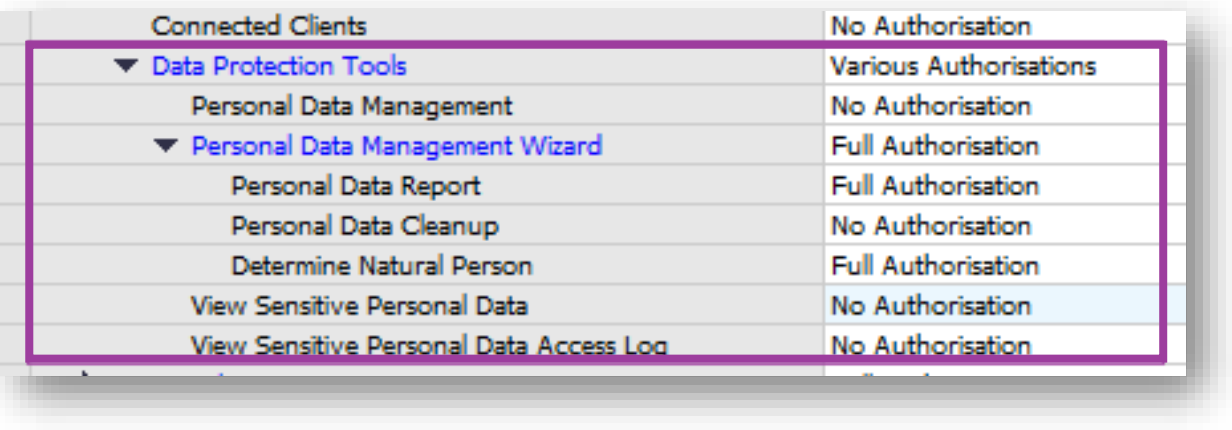
Benefits

- Centralized location for management and maintenance of Personal Data.
- Structured and categorized location.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Personal Data Management Authorizations

GDPR (4/21)
PL04



Connected Clients	No Authorisation
Data Protection Tools	Various Authorisations
Personal Data Management	No Authorisation
Personal Data Management Wizard	Full Authorisation
Personal Data Report	Full Authorisation
Personal Data Cleanup	No Authorisation
Determine Natural Person	Full Authorisation
View Sensitive Personal Data	No Authorisation
View Sensitive Personal Data Access Log	No Authorisation

Feature

- Extension of General Authorizations form to support authorizations for new Data Protection Tools.
- See SAP Note 2611748

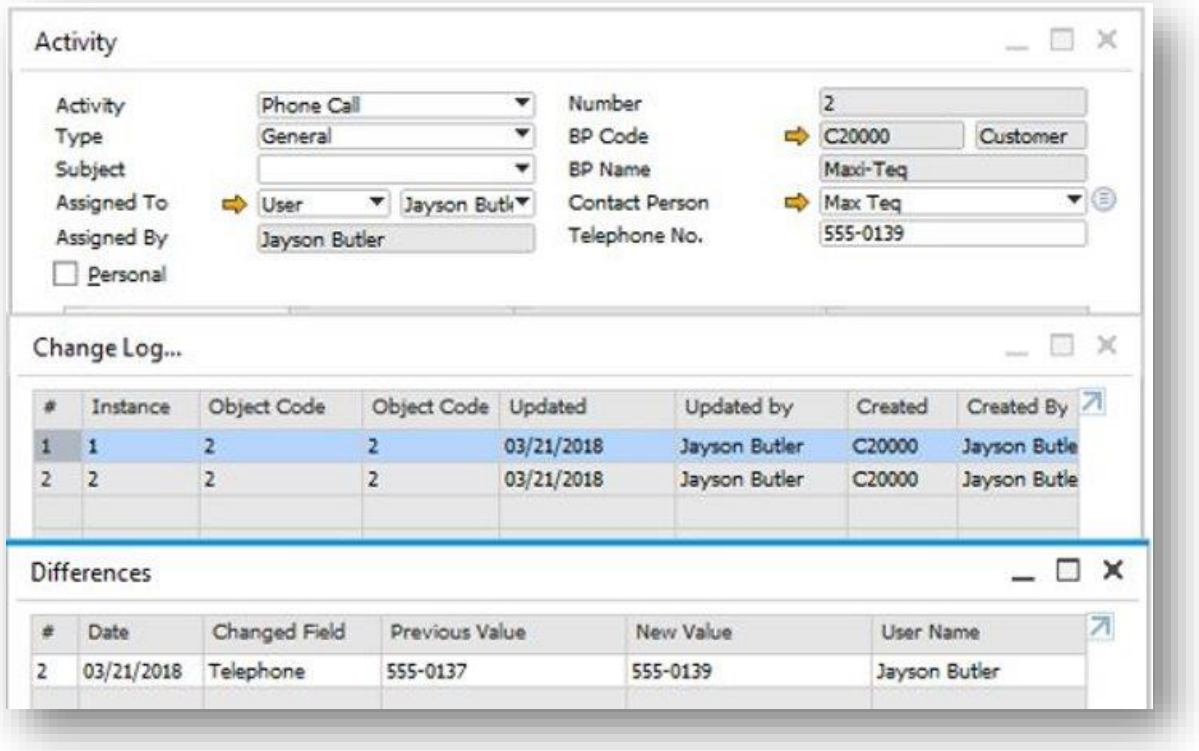
Benefits

- Ability to restrict access and set authorizations to sensitive data.
- Ability to restrict access to the various functions under Data Protection Tools.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Personal Data – Change Log Enhancements

GDPR (5/21)
PL04



Feature

- New GDPR objects supported in the Change Log: Activities, Checks for Payments, Service Contracts.
- See SAP Note 2760218

Benefit

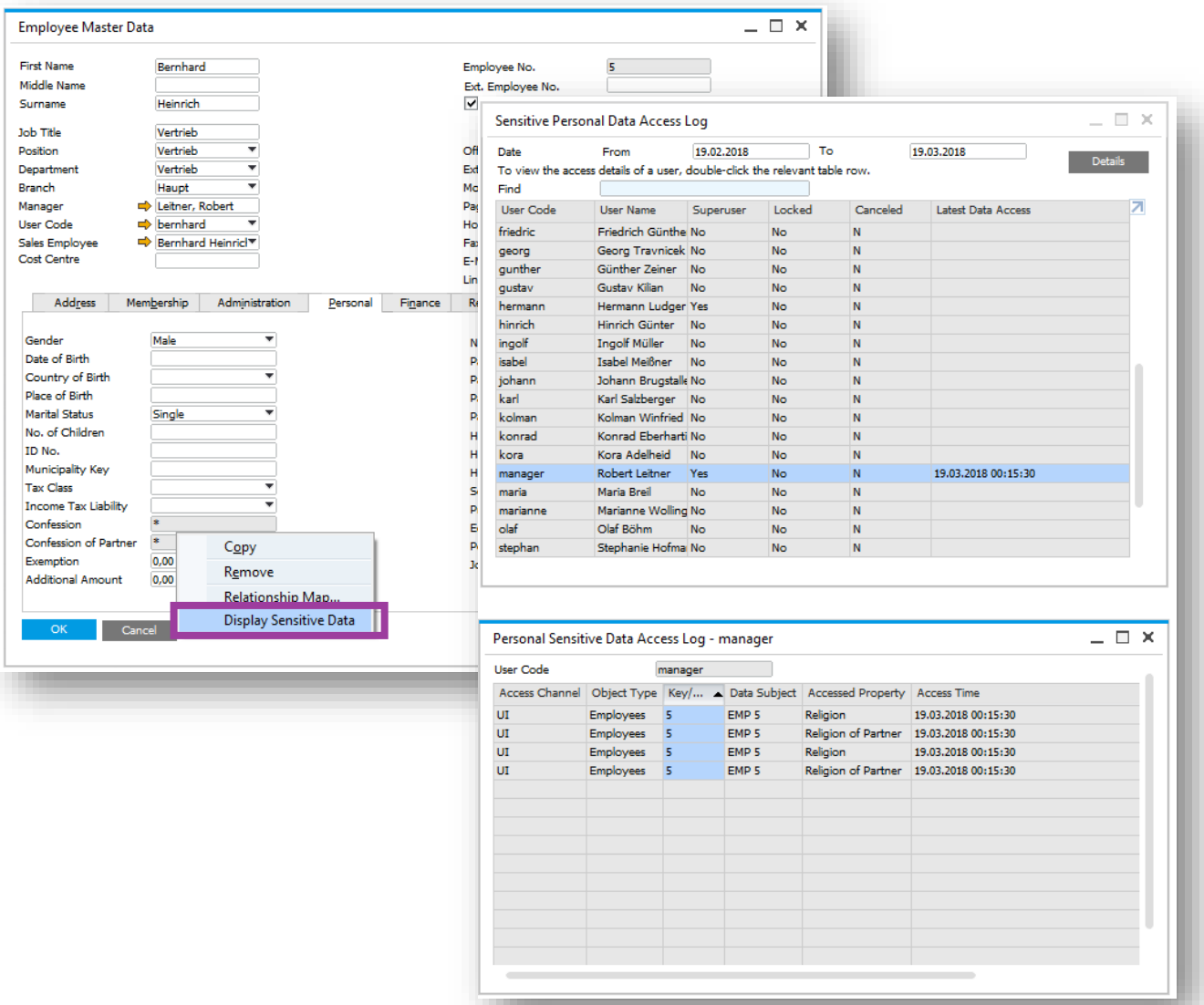
- Logging changes (date, time, owner) to personal data is a critical requirement of GDPR.
- Change log needs to be available everywhere personal data are stored and maintained.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Sensitive Personal Data – Access Log (Germany only)

GDPR (6/21)

PL04



Feature

- Control by log/record of any access to a special category of personal data – sensitive personal data.
- In the core SAP Business One application it affects the Germany localization only.
- Values are encrypted in the database when fields are set as sensitive – this setting can be changed to personal or not personal.
- Values are hidden by default on User Interface – special authorization and control needed to unhide and display the value.
- See SAP Note 2611748

Benefit

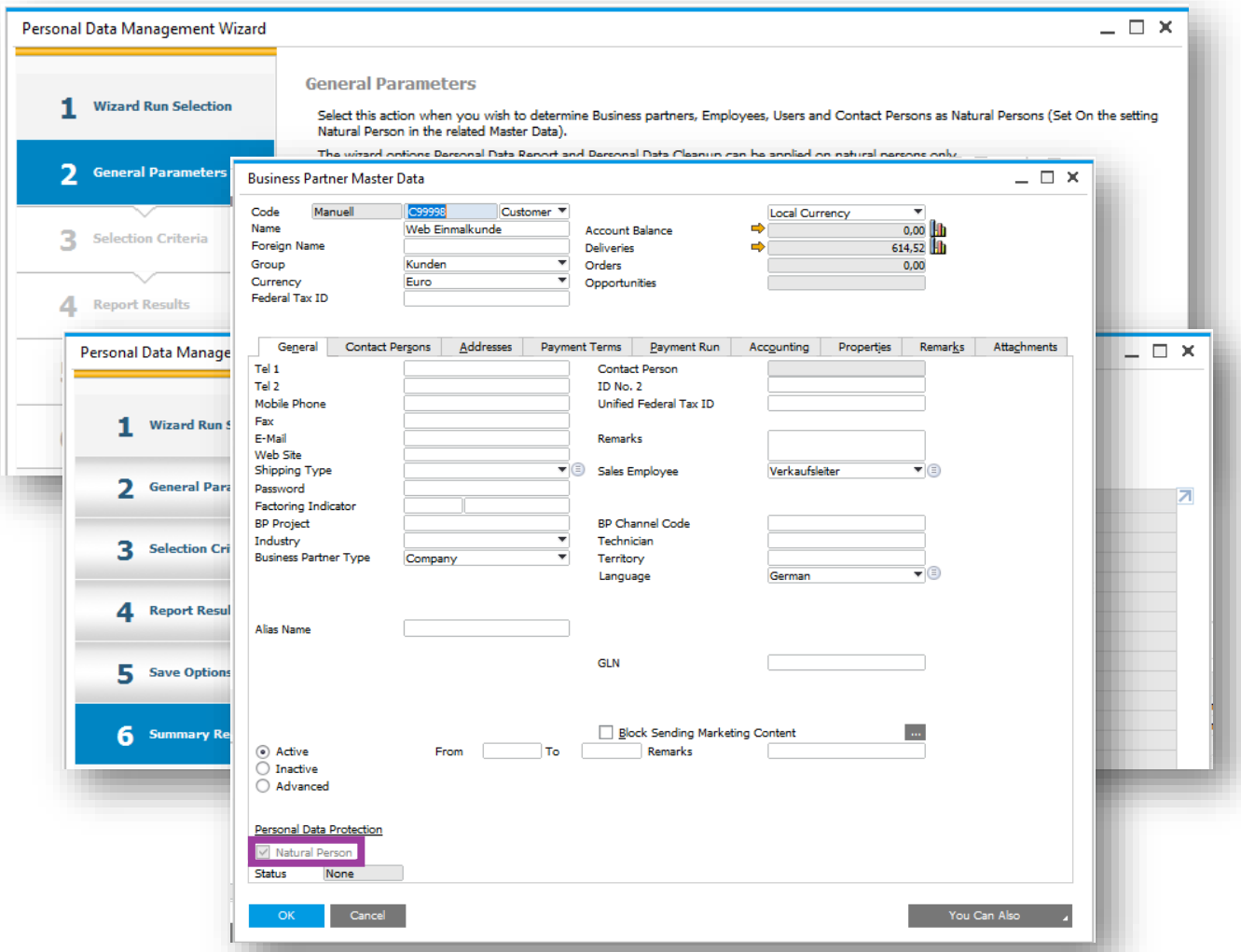
- Selected authorized users can view hidden sensitive personal data values.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Determine Natural Person

GDPR (7/21)

PL04



Feature

- New function under Personal Data Management Wizard which enables determining users, employees, business partners and contact persons as natural persons.
- See SAP Note 2611748

Benefit

- Helps to apply the natural person determination setting on a range of different data subjects.
- Natural Person setting is essential to use certain functions of Personal Data Tools for GDPR.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

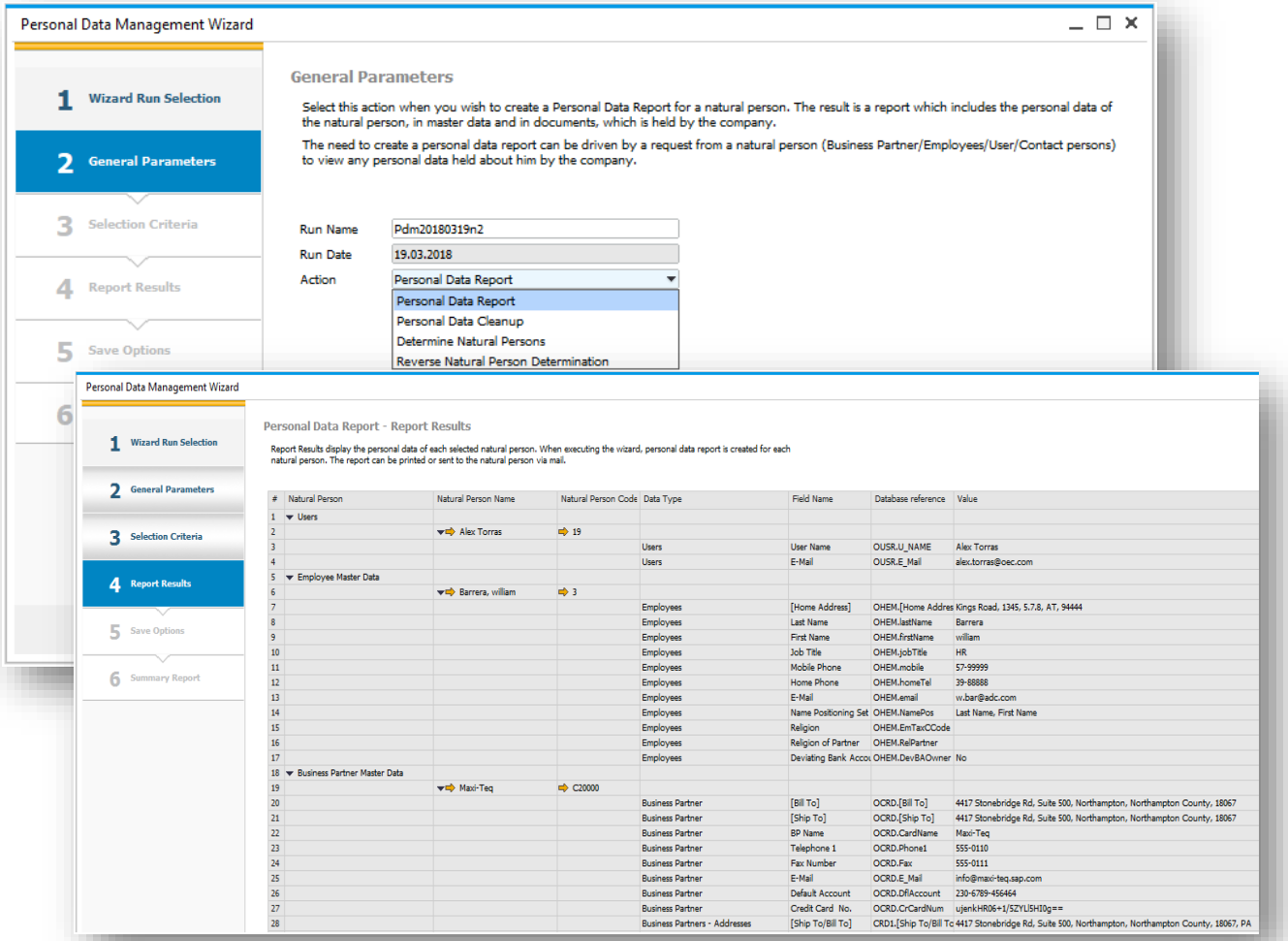
Personal Data Report (Driven by a person's request)

GDPR (8/21)

PL04

KEY SCENARIO / GDPR REQUIREMENT

- **Natural persons are allowed to contact any organization to request details of which personal data the organization stores and processes about them.**
- **The organization needs to provide a report on this.**



Feature

- New option to generate Personal Data Reports for selected natural persons.
- The report gathers personal data from master data and transactions.
- See SAP Note 2611748

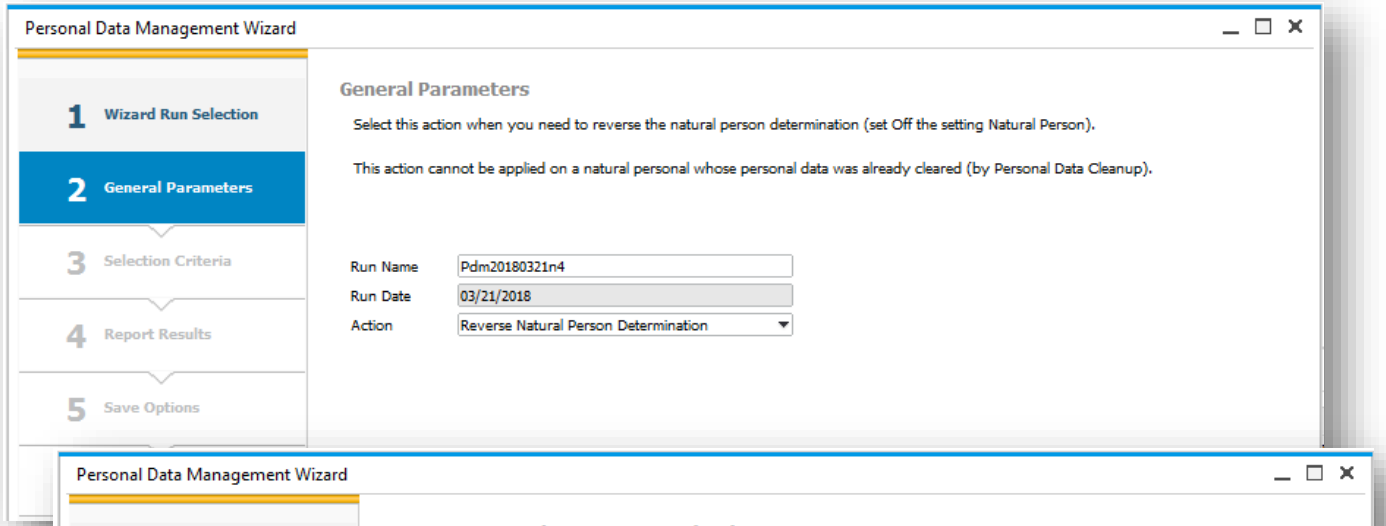
Benefits

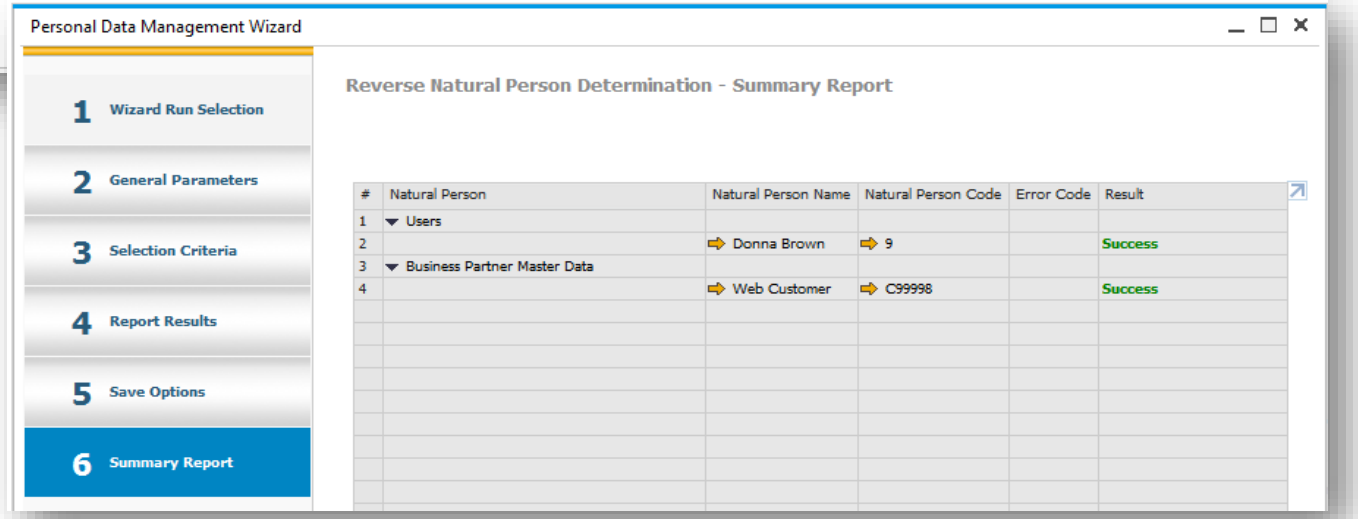
- Helps to follow up and execute natural person requests to retrieve any personal data which is held by the company.
- Helps the company verify personal data correctness following natural person feedback on personal data reports.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

Reverse Natural Person Determination

GDPR (9/21)
PL04





Feature

- New function under Personal Data Management Wizard to reverse a natural person determination in case of user mistakes
- See SAP Note 2611748

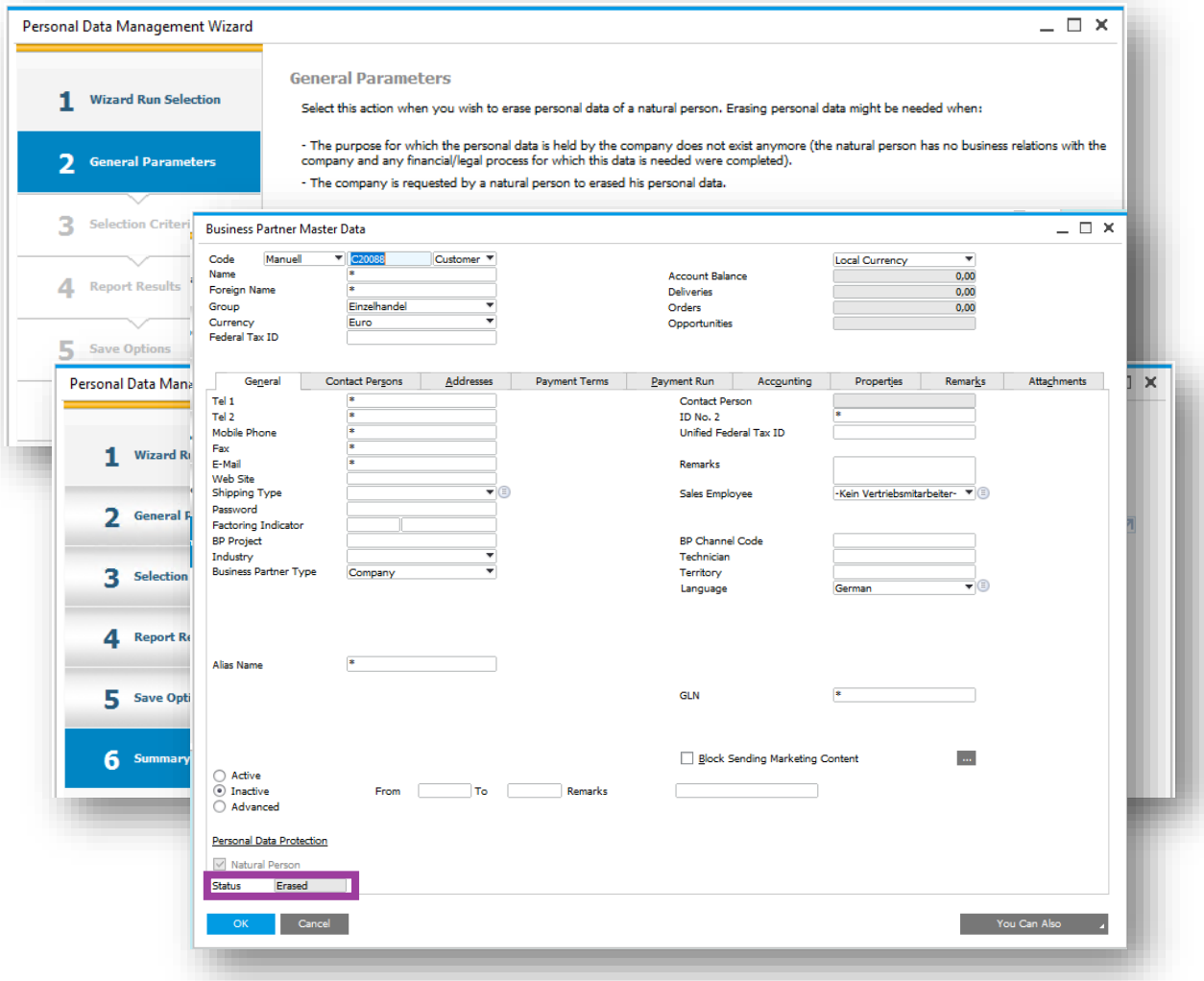
Benefit

- Helps to reverse the natural person determination on a range of data subjects

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Personal Data Cleanup – Irreversible Erasure of Personal Data

GDPR (10/21)
PL04



Feature

- New and very important Personal Data function under Personal Data Management Wizard to erase all personal data (by setup in Personal Data Management) of selected natural persons from master data and transactions
- Erased data on all affected master data and transactions will be replaced with asterisks
- Status of natural person whose personal data was erased will change to *Erased*
- This action is irreversible and must be taken after proper consideration and checking that all data retention periods are over and there is no legal obligation to hold the data of natural person
- See SAP Note 2611748

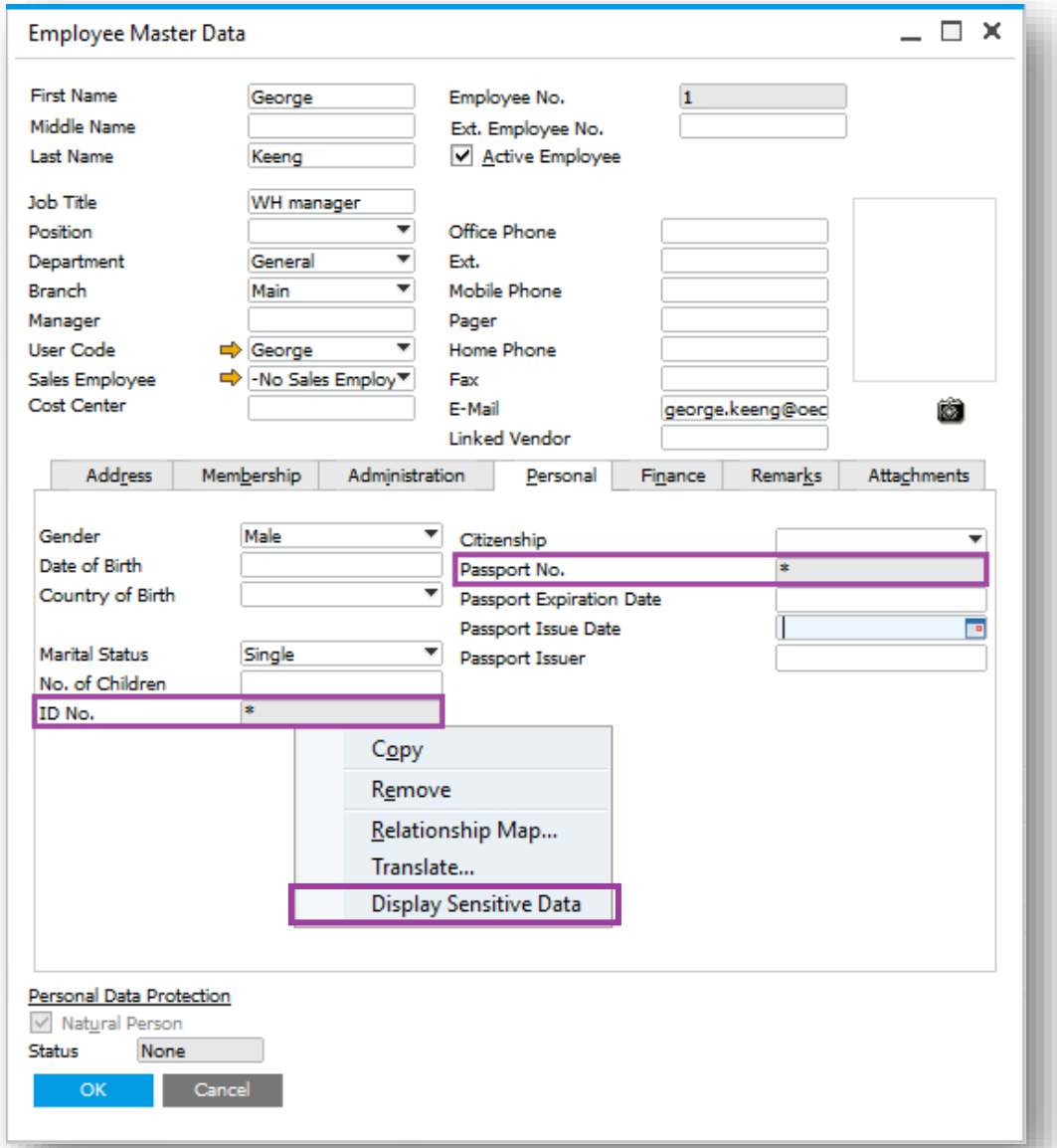
Benefit

- Helps to follow up and execute natural person requests to remove and erase personal data after legal periods to hold data have finished and there is no reason to block the data

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Sensitive Personal Data

GDPR (11/21)
PL05



Feature

- Control by log/record of any access to a special category of personal data – sensitive personal data
- In the core SAP Business One application the following three fields affected:
  - ID Issued by Authorities (ID No.)
  - Passport No.
  - Social Insurance No. (Germany only)
- Values are encrypted in the database when fields are set as sensitive – this setting can be changed to personal or not personal
- Values are hidden by default on User Interface – special authorization and control needed to unhide and display the value
- See SAP Notes 2628372 and 2683920

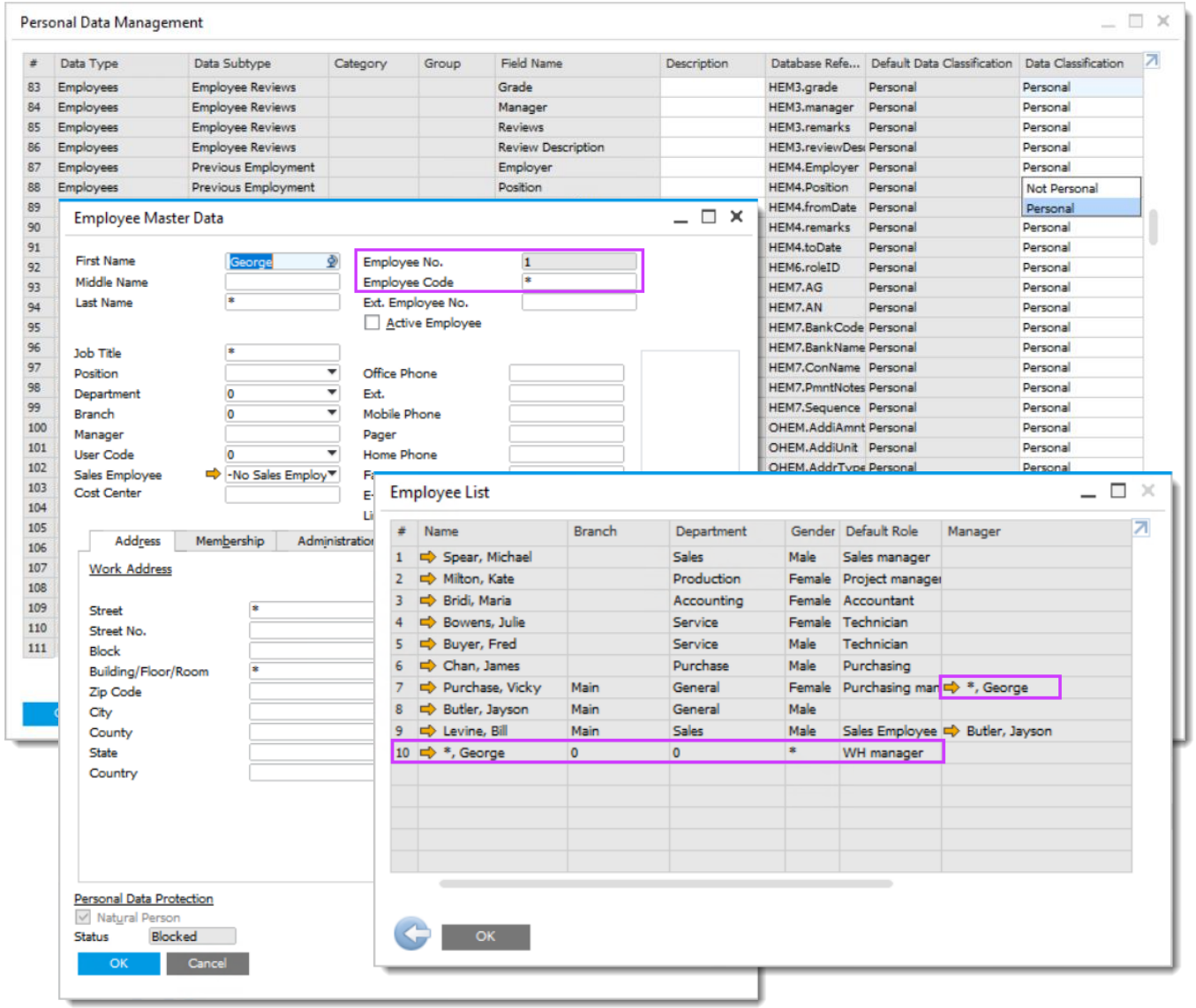
Benefit

- Selected authorized users can view hidden sensitive personal data values

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Mark Employee Master Data Fields as Personal Data

GDPR (12/21)
PL11



Feature

- Additional *Employee Master Data* object fields are
  - Added to *Personal Data Management*
  - Shown in *Personal Data Management Wizard*
  - Classified as *Personal* in *Personal Data Management* but can be amended depending on the business requirements
- New field *Employee Code* in *Employee Master Data* for issuing employees with an ID number from SAP Business One – classified as personal data in *Personal Data Management*
- Field *Employee No. cann*ot be classified as personal data in *Personal Data Management*
- Some fields, e.g. *Attachment Entry* are classified as *Not Personal* by default but can be amended in the *Personal Data Management*
- Reports show the encrypted personal data
- See SAP Note 2801441

Benefit

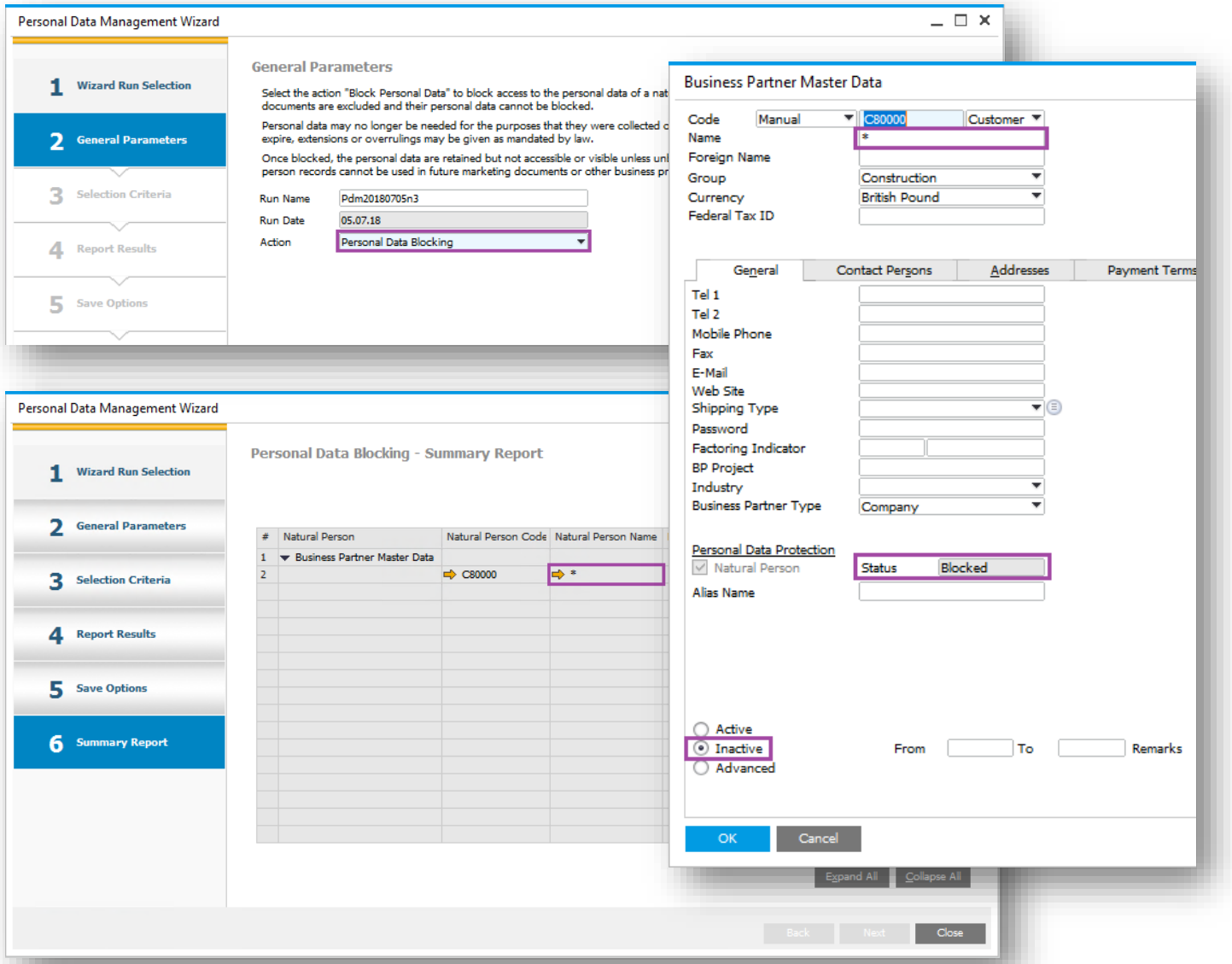
- Employee master data can be blocked

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Personal Data Blocking

GDPR (13/21)

PL05



Feature

- Block access to personal data of natural persons
- Personal data cannot be accessed unless unblocked
- Once blocked these natural person records cannot be used in future marketing documents
- Natural person data undergone blocking has status Blocked
- Data blocking is reversible (see next slide) – different from Data Erasing
- See SAP Note 2628372

Benefit

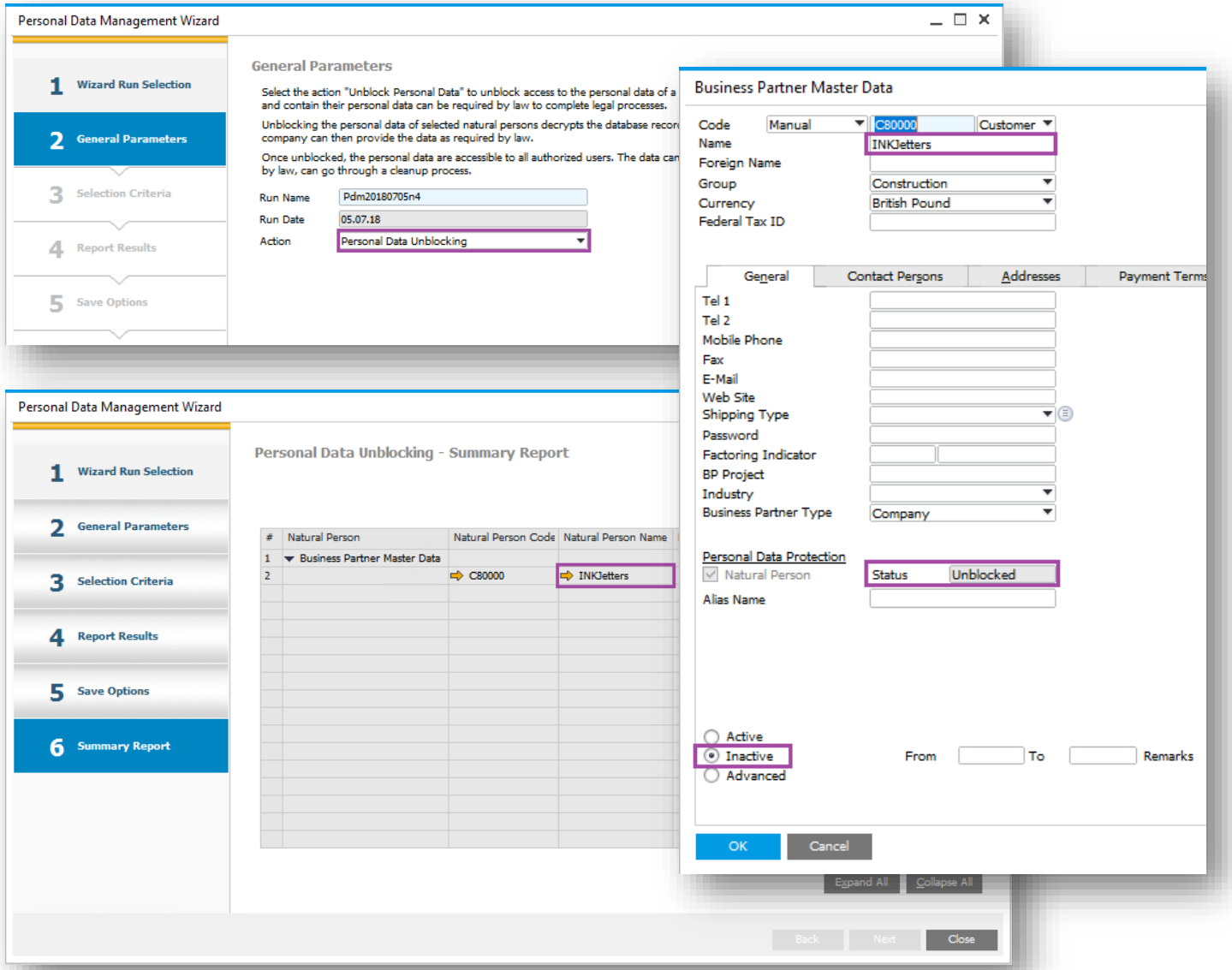
- Personal data is required to be erased once retention of this data expires, however, blocking allows personal data retention for specific purposes and processes (legal regulations) e.g. extensions or overruling mandated by law
- Data encrypted and unavailable for future transactions

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Personal Data Unblocking

GDPR (14/21)

PL05



Feature

- Unblock access to personal data of natural persons that have been previously blocked
- Unblocked natural person data cannot be used in future transactions
- Unblocked natural person records can be blocked again or erased (by cleanup action)
- Natural person data undergone blocking and then unblocking has status Unblocked
- See SAP Note 2628372

Benefit

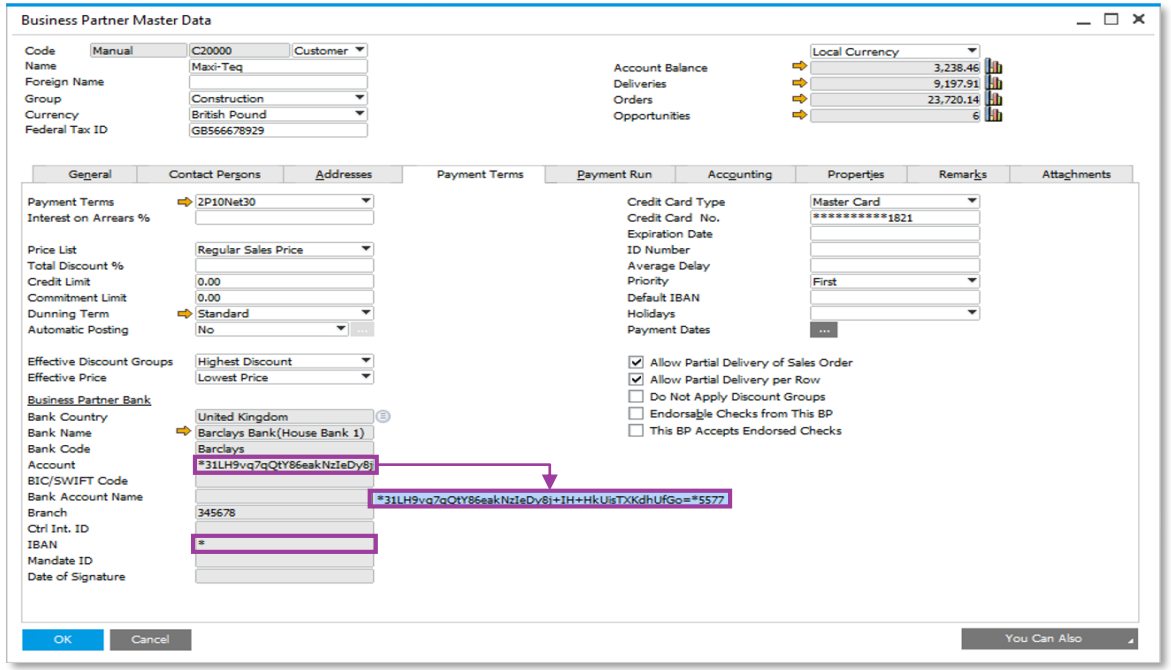
- The reason for retaining expired personal data has arisen (e.g. legal reporting to an external authority) - unblocking personal data facilitates access to this data
- Unblocking decrypts personal data and is visible by users authorised for forms where this data is stored

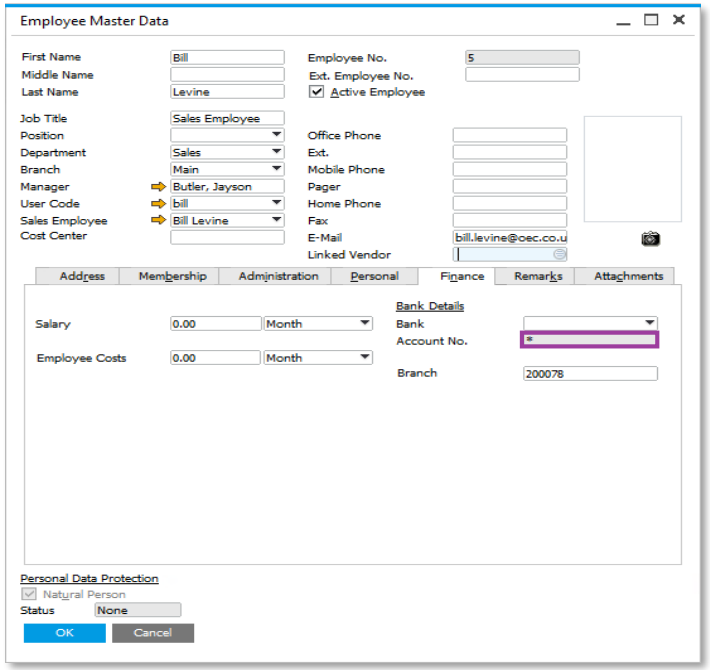
© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Sensitive Personal Data – Bank Accounts of Natural Persons

GDPR (15/21)

PL06





Feature

- Control by log/record of any access to a special category of personal data – sensitive personal data – now includes bank account data
- In the core SAP Business One application the following three fields are affected:
  - Business Partner Bank Account No.
  - Business Partner IBAN No.
  - Employee Bank Account

- Bank Account values in master data and transactions (payments, check register, bill of exchange, OPEX table, deposits, etc.) encrypted in the database
- Values hidden/masked by default on User Interface – *NOTE: manual change required when upgrading from 9.3 PL04 or 9.3 PL05*
- Access and decryption via DI API supported
- See SAP Note 2682905

Benefit

- Selected authorized users can view hidden sensitive personal data values

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Bank Accounts and IBAN Encryption and Impact on Payment Wizard

GDPR (16/21)

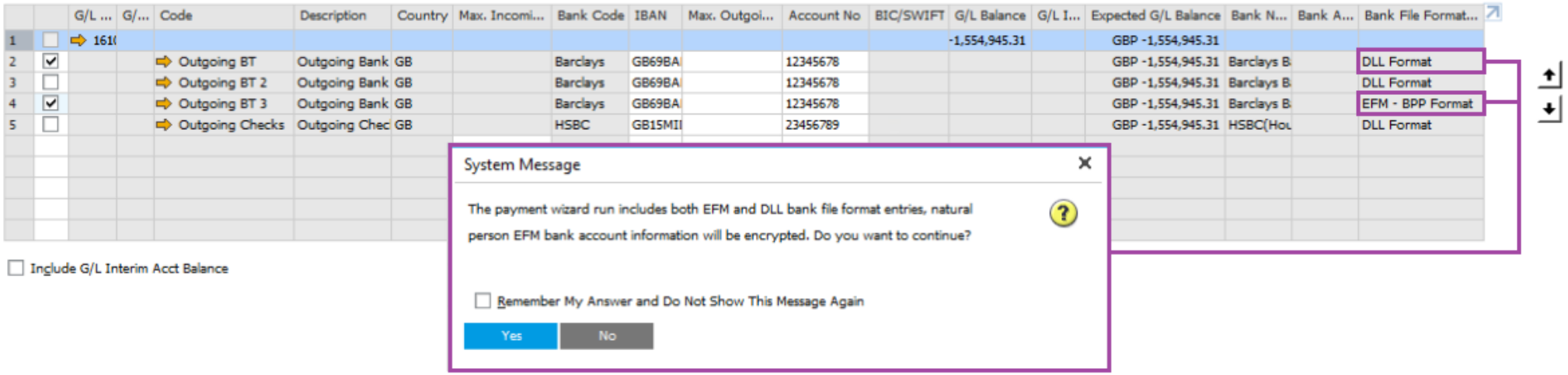
PL06

Important Rules

- When updating OPEX table with the payment run data, the **bank account no. and IBAN** of business partner who is determined as natural, are taken into the OPEX as **encrypted data**.

#	Customer Code	Payee Bank Account	Payee Bank Code	Payee Bank IBAN	Payment Postin...	Payment Document ...	Payment Documen...
13	C20000	*31LH9vq7qQtY86eakNzIeDy8j+IH+HkUisTXKdhUfGo=*5577	Barclays	*	24.09.18	720.00	GBP
14	C30000	23458901	Barclays	GB69BARC20562323458901	24.09.18	1,392.00	GBP

- When generating the bank file in payment wizard, the encrypted data is decrypted before taken into the bank file.
- The decryption of this data when the bank file is of type EFM format, is supported only when the selected payment methods in the payment wizard run are all related to EFM format. When the wizard run involves payment methods which relate to both EFM and DLL formats and the wizard includes business partners which are determined as natural persons, the bank account and IBAN will not be decrypted before taken into the EFM bank file. A pop-up message is raised to warn users about the combination of two different bank file categories.



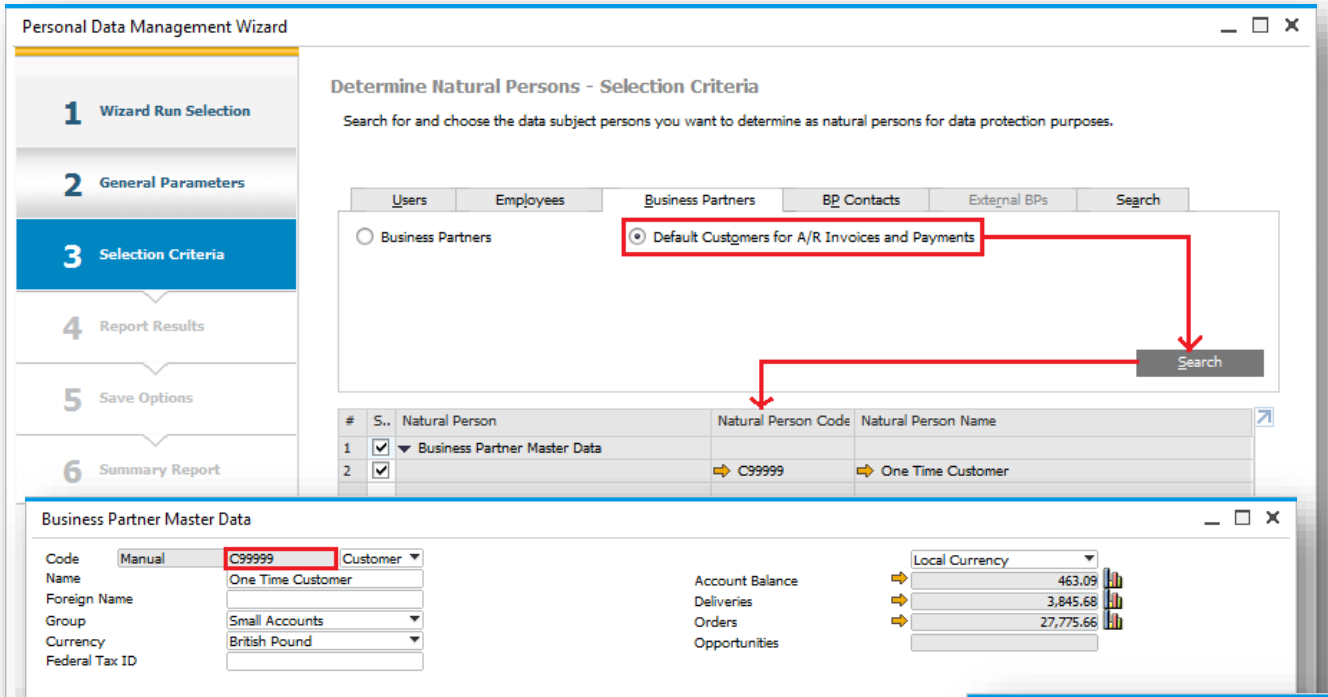
- The decryption of the data when the bank file is of type .DLL format is handled by DI service (SAP Note 2633811). This service is called by the payment add-on. The payment add-on identifies the fields to be decrypted by the setup in Personal Data Management.
- Once the bank file is generated with decrypted data, users need to ensure it is stored in a secure and protected location.

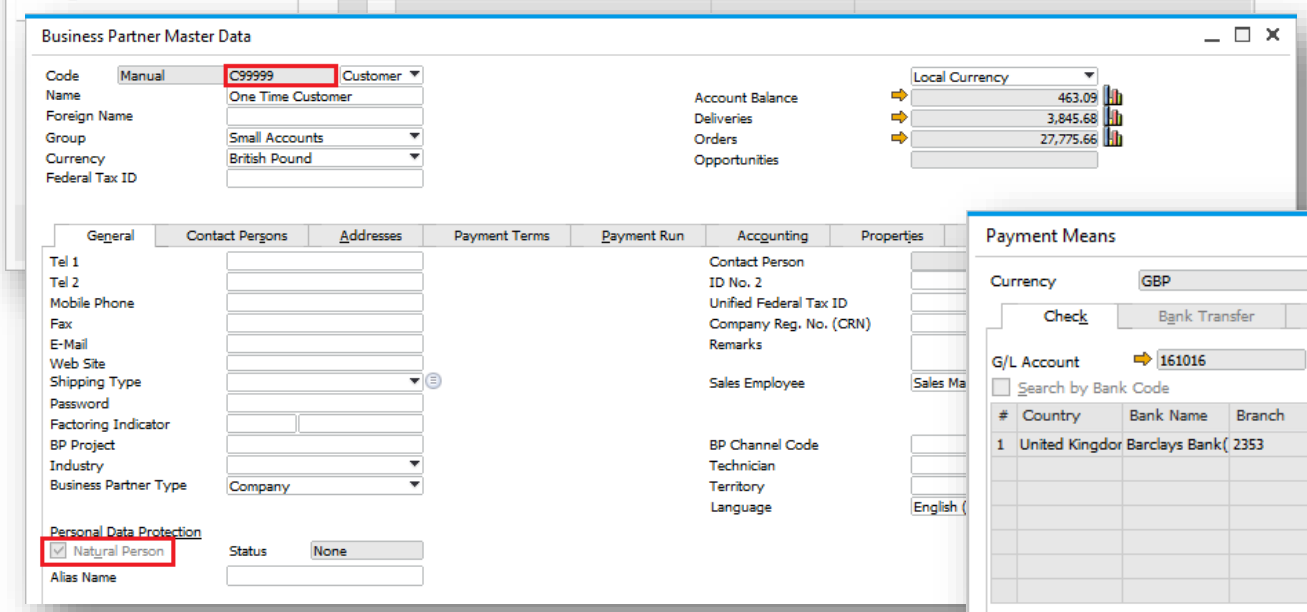
© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

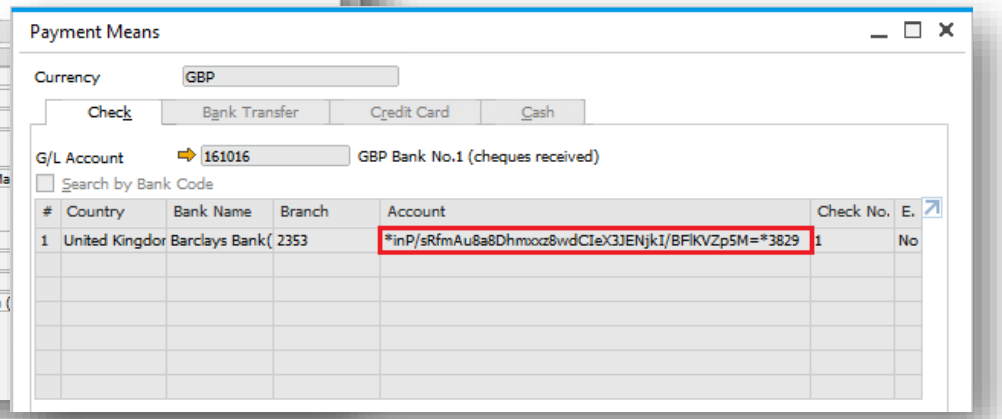
Default Customers for A/R Invoices and Payments – Define Natural Person

GDPR (17/21)

PL07







Feature

- New option to restrict searching for Default Customer for A/R Invoices and Payments
- Different Default Customers can be set per period in G/L Account Determination
- Sensitive personal data is encrypted in Default Customer Master Data and Transactions
- See SAP Note 2697426

Benefit

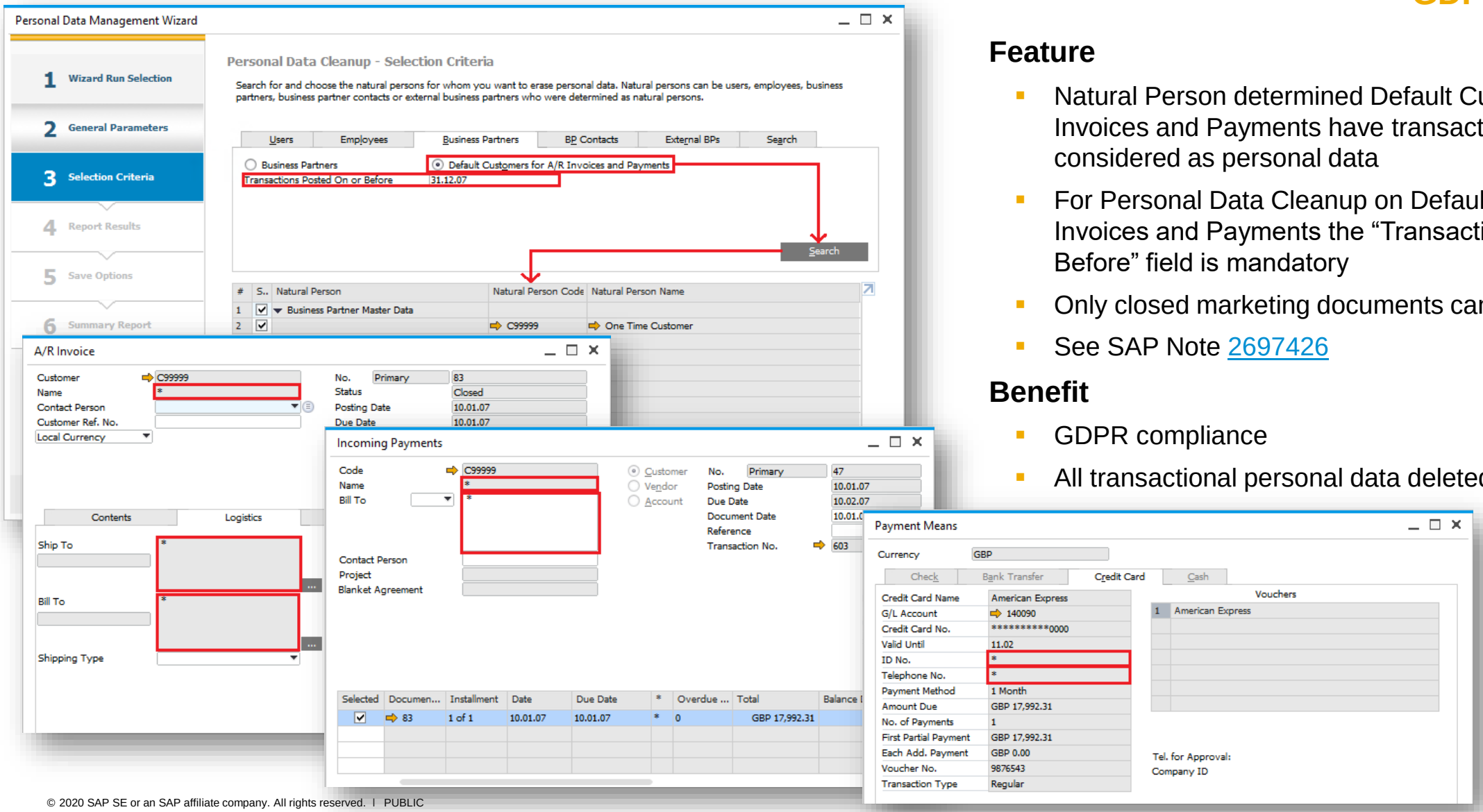
- Compliance with GDPR requirements
- Easy to manage One Time Customers

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Default Customers for A/R Invoices and Payments – Personal Data Cleanup

GDPR (18/21)

PL07



Feature

- Natural Person determined Default Customer for A/R Invoices and Payments have transactional information considered as personal data
- For Personal Data Cleanup on Default Customers for A/R Invoices and Payments the “Transactions Posted On or Before” field is mandatory
- Only closed marketing documents can be searched for
- See SAP Note 2697426

Benefit

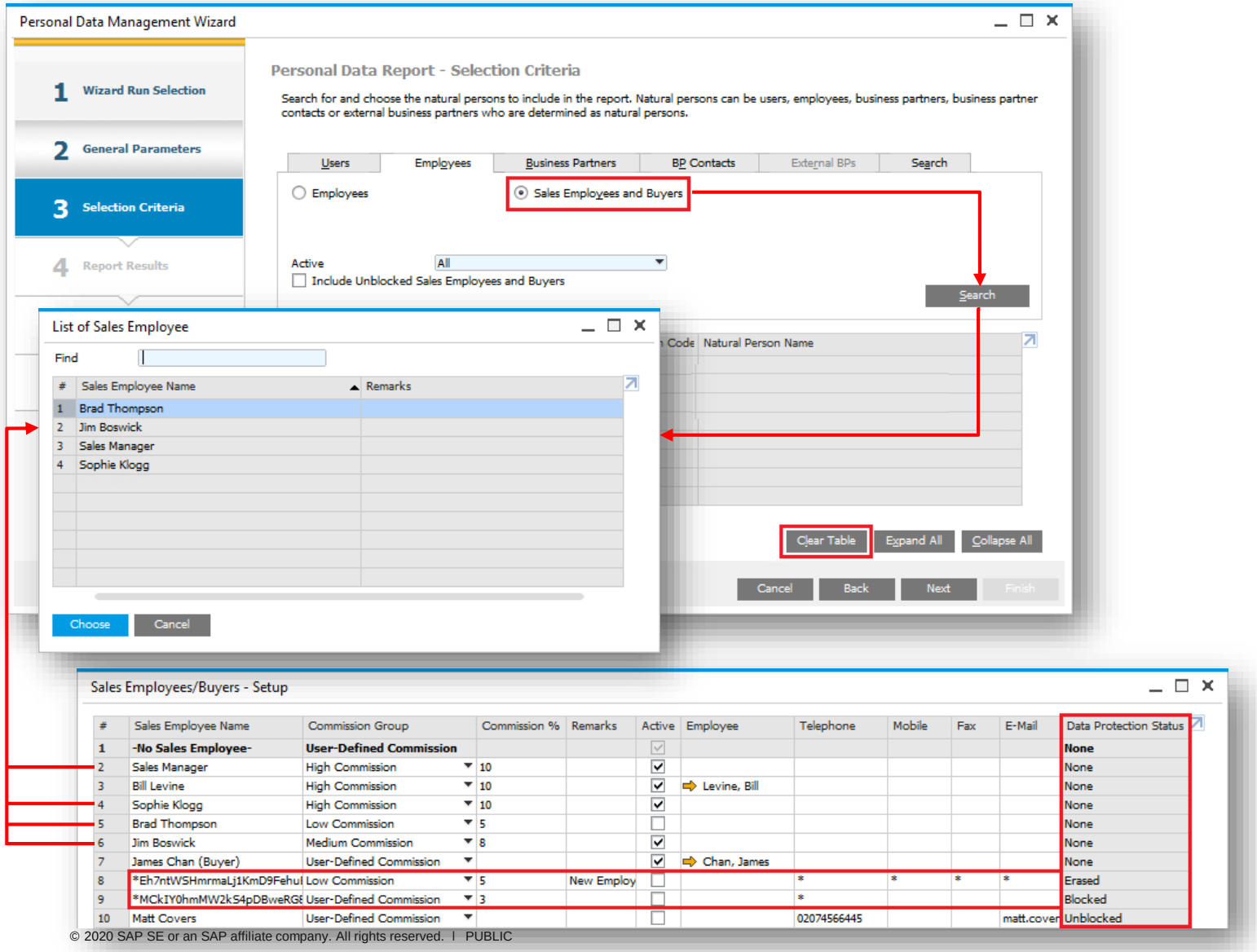
- GDPR compliance
- All transactional personal data deleted on cleanup

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

Sales Employees and Buyers not related to Employee Master Data

GDPR (19/21)

PL08



Feature

- New option to restrict searching for Sales Employees and Buyers not related to Employee Master Data
- Sales Employees and Buyers can be :
  - Reported on
  - Cleaned up
  - Blocked
  - Unblocked
- New button in the Personal Data Management Wizard to Clear Table
- Sales Employees/Buyers – Setup
  - New column to show status of record
  - Cleaning Up, erases all personal data except for Sales Employee Name which is set into a unique dummy string
  - Blocking, personal data is encrypted
- See SAP Note 2705017

Benefit

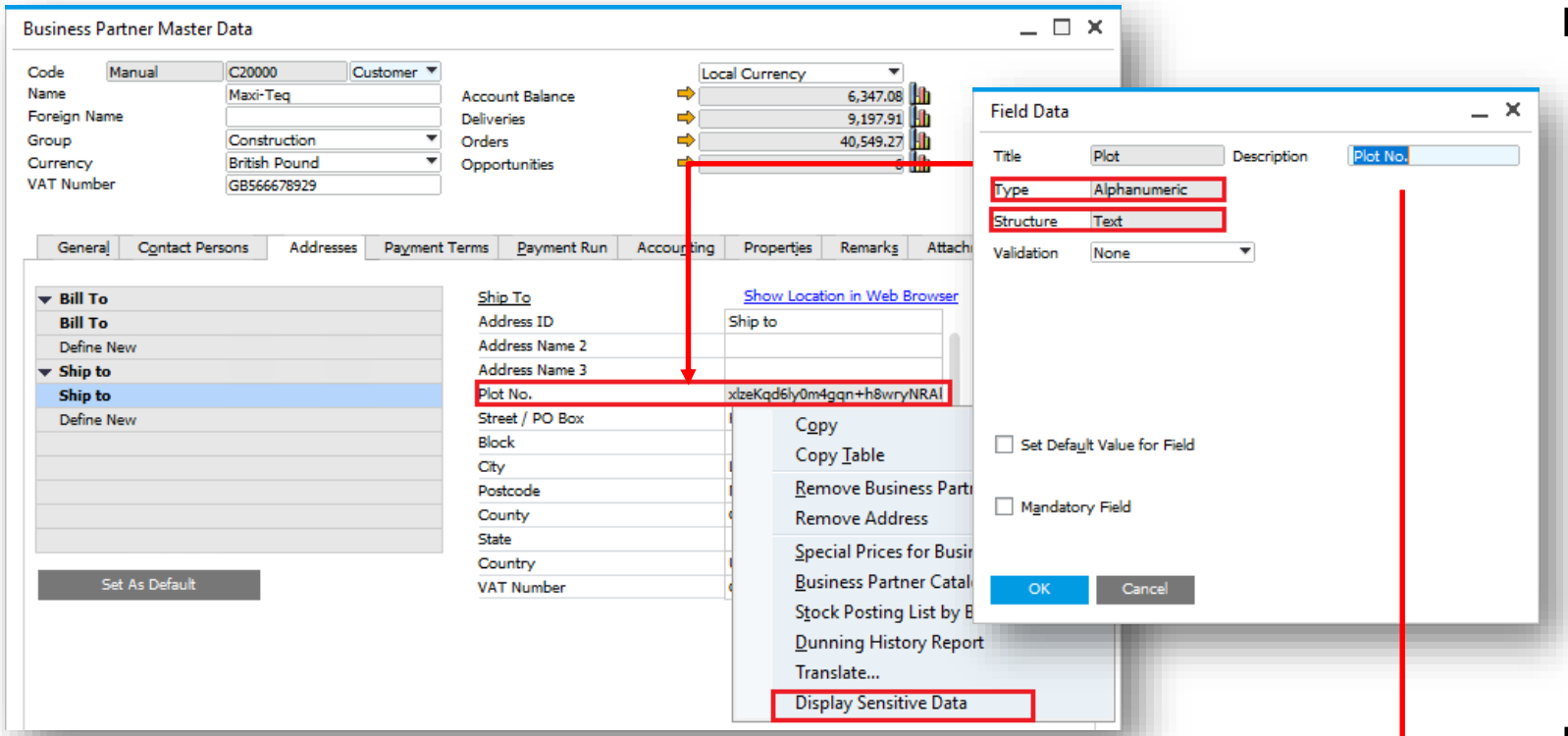
- Compliance with GDPR requirements

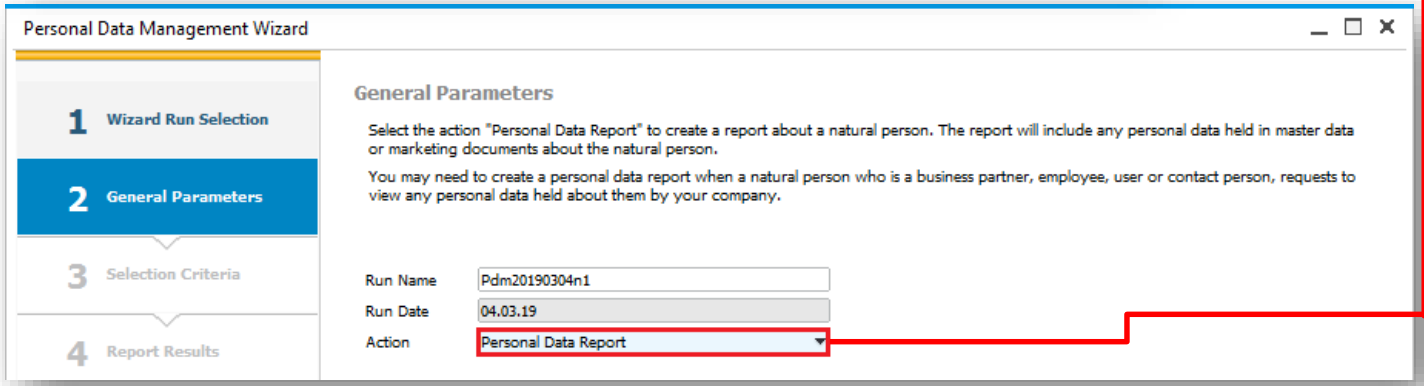
© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

User-Defined Fields marked as Sensitive Personal Data

GDPR (20/21)

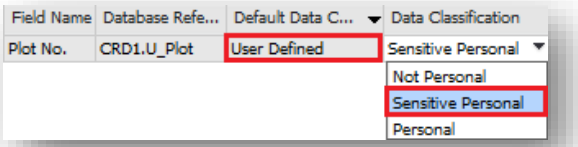
PL09





Feature

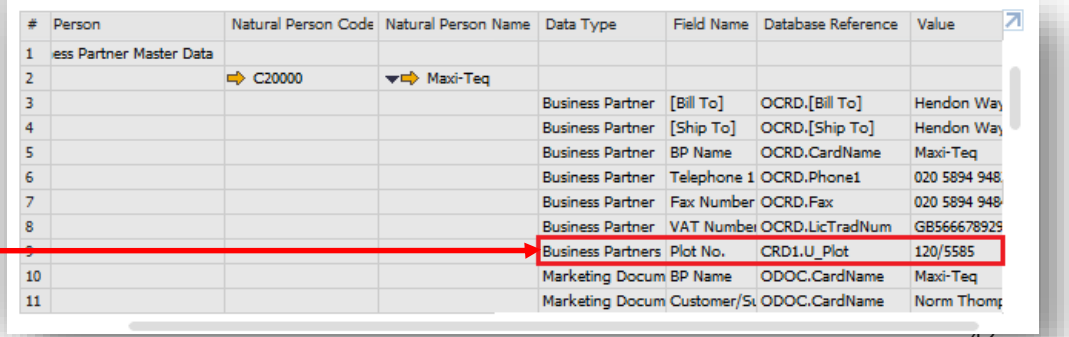
- For GDPR, user-defined fields (UDFs) that hold personal data can be marked as Sensitive Personal Data



- These UDFs must be Alphanumeric (type) and Text (structure)
- Encrypted data can be viewed by Authorized Personnel (right-click)
- Data Cleanup, Blocking, Unblocking applies
- Data Report shows the decrypted personal data
- See SAP Note 2716760

Benefit

- Compliance with GDPR requirements



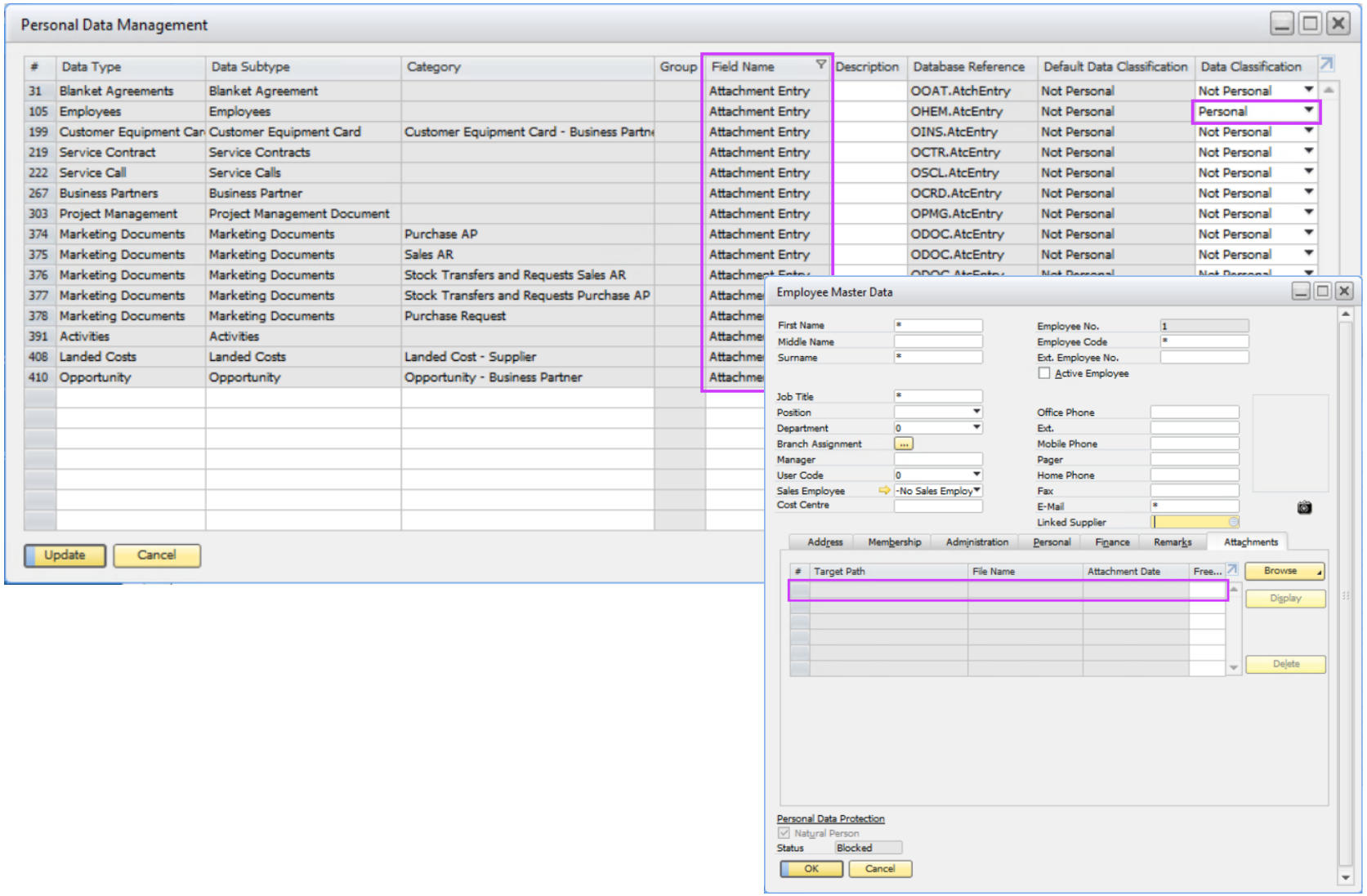
#	Person	Natural Person Code	Natural Person Name	Data Type	Field Name	Database Reference	Value
1	ess Partner Master Data						
2		C20000	Maxi-Teq				
3				Business Partner	[Bill To]	OCRD.[Bill To]	Hendon Way
4				Business Partner	[Ship To]	OCRD.[Ship To]	Hendon Way
5				Business Partner	BP Name	OCRD.CardName	Maxi-Teq
6				Business Partner	Telephone 1	OCRD.Phone1	020 5894 948
7				Business Partner	Fax Number	OCRD.Fax	020 5894 948
8				Business Partner	VAT Number	OCRD.LicTradNum	GB566678929
9				Business Partners	Plot No.	CRD1.U_Plot	120/5585
10				Marketing Docum	BP Name	ODOC.CardName	Maxi-Teq
11				Marketing Docum	Customer/S	ODOC.CardName	Norm Thomp

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

DPP*/GDPR and Attachment Entries as Personal Data

GDPR (21/21)

PL12



Feature

- For GDPR, additional objects for *Attachment Entry* fields are added to *Personal Data Management*
- Set *Attachment Entry* fields to *Personal* to include the relevant attachments in personal data processes
- Run *Personal Data Management Wizard* for *Data Cleanup*, *Blocking*, *Unblocking* applies
- As a result of *Data Cleanup* and *Blocking Attachment* tabs are containing no data
- Cleanup and blocking have no impact on the physical files
- See SAP Note 2847064

Benefit

- Compliance with GDPR requirements

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

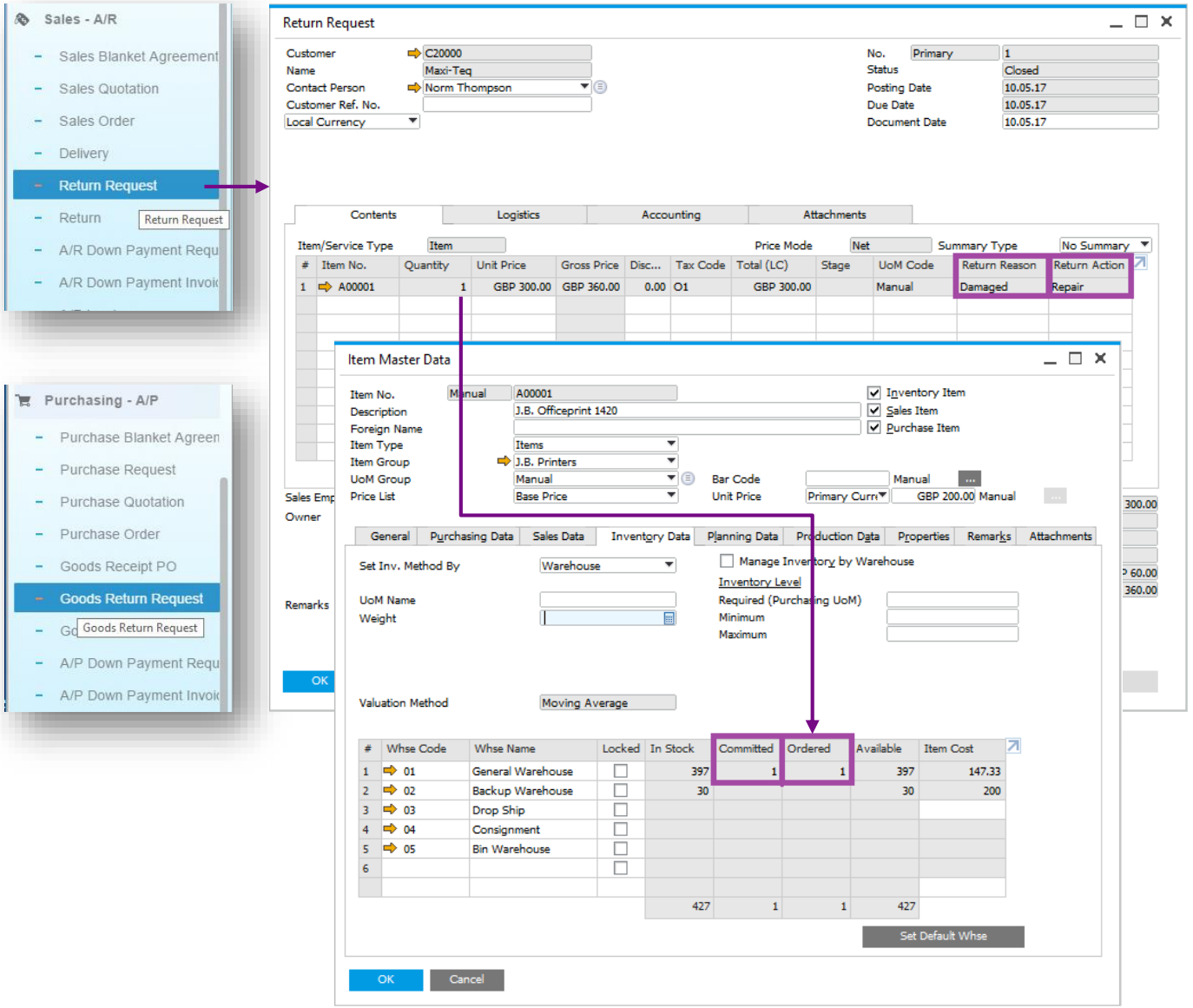
*DPP = Data Protection & Privacy

Sales | Purchasing | Service

SAP Business One 9.3

RMA - Return Material Agreement (1/2)

PL01 Update



Feature

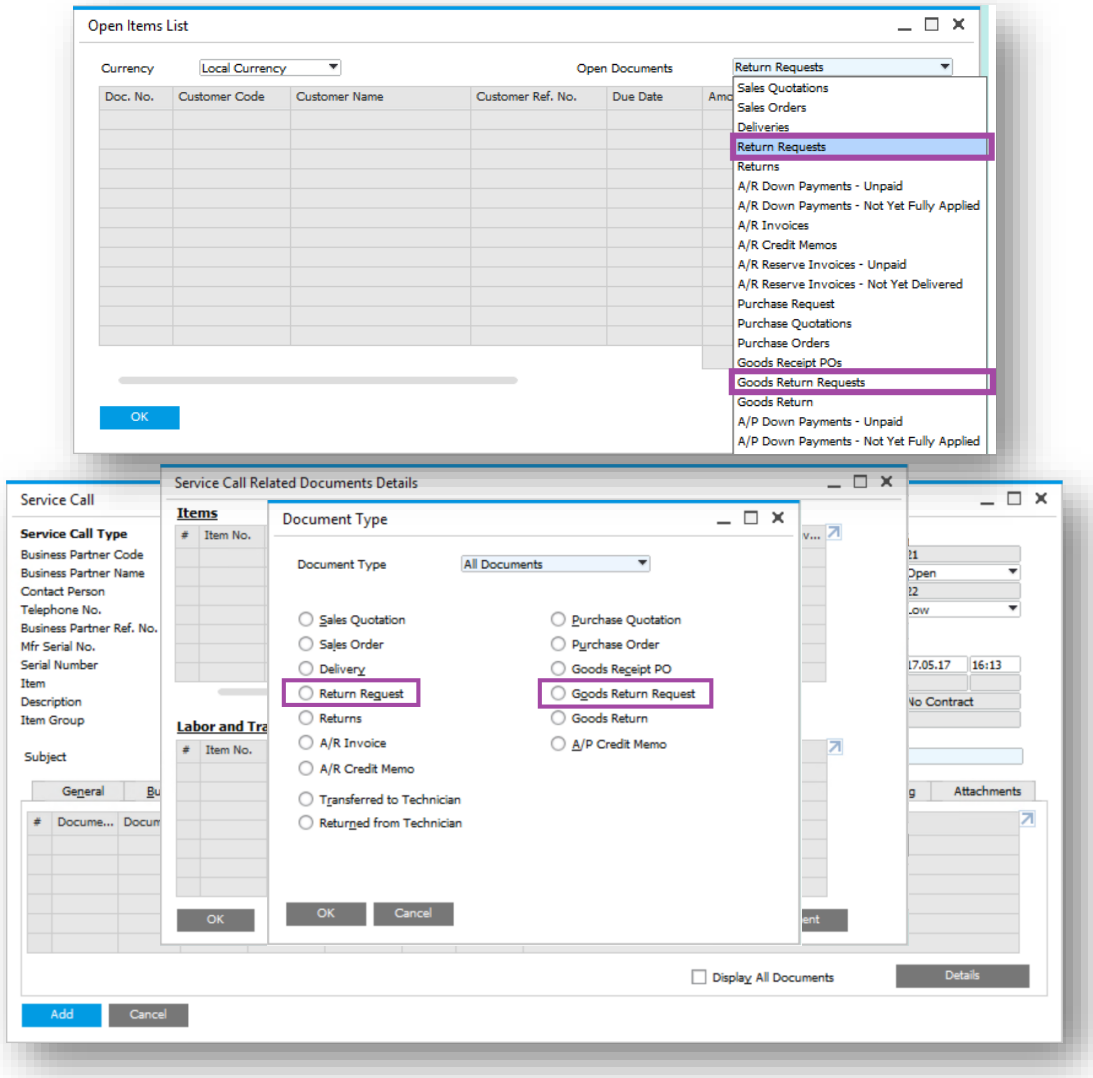
- Create a Return Request (A/R) or Goods Return Request (A/P).
- This pre-step for the return document includes the agreed quantities, prices, return reason and return action before the goods are actually returned.
- You can manage serials and batches in both Return Request **(PL01)** and Goods Return Request.
- See SAP Note 2553953
- Request transaction creates an allocation on the item master record.

Benefit

- Enables management and tracking of the return process.
- Increased transparency.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

RMA - Return Material Agreement (2/2)



Feature

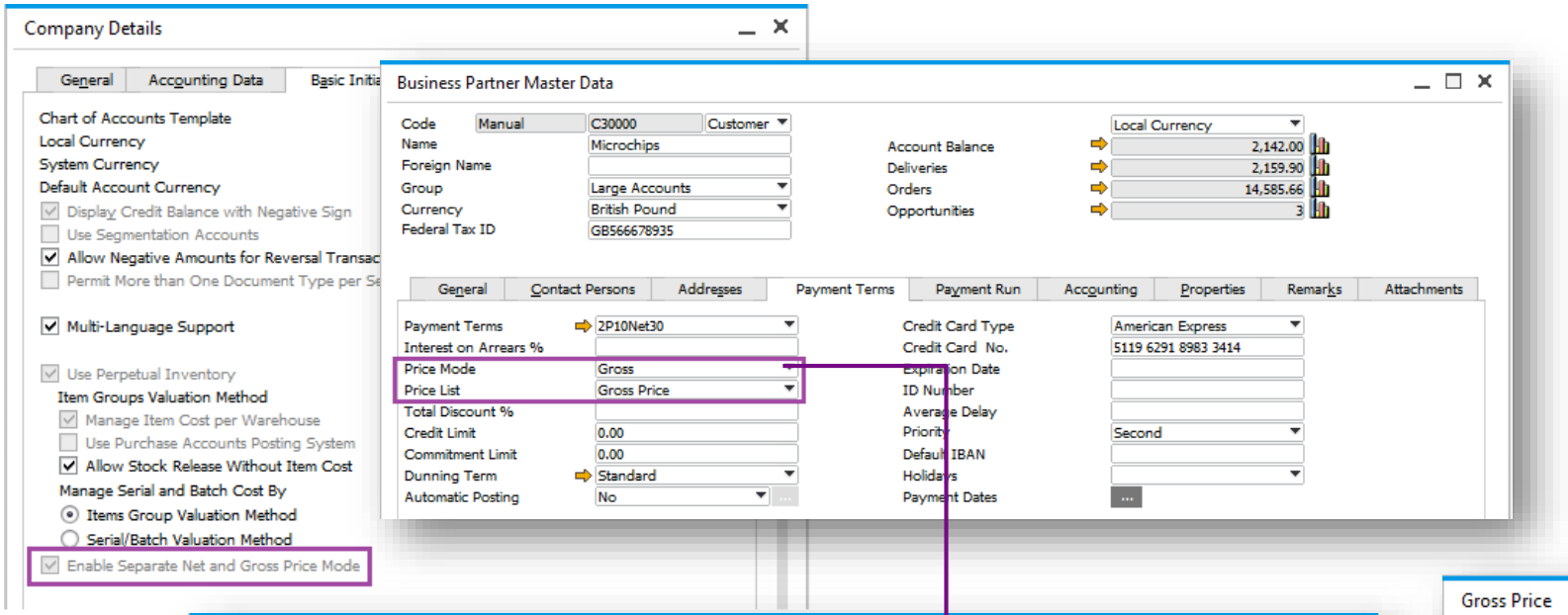
- Return Requests and Goods Return Requests can now be:
  - Listed within Open Items List.
  - Added to a Service Call.

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Gross Price Mode



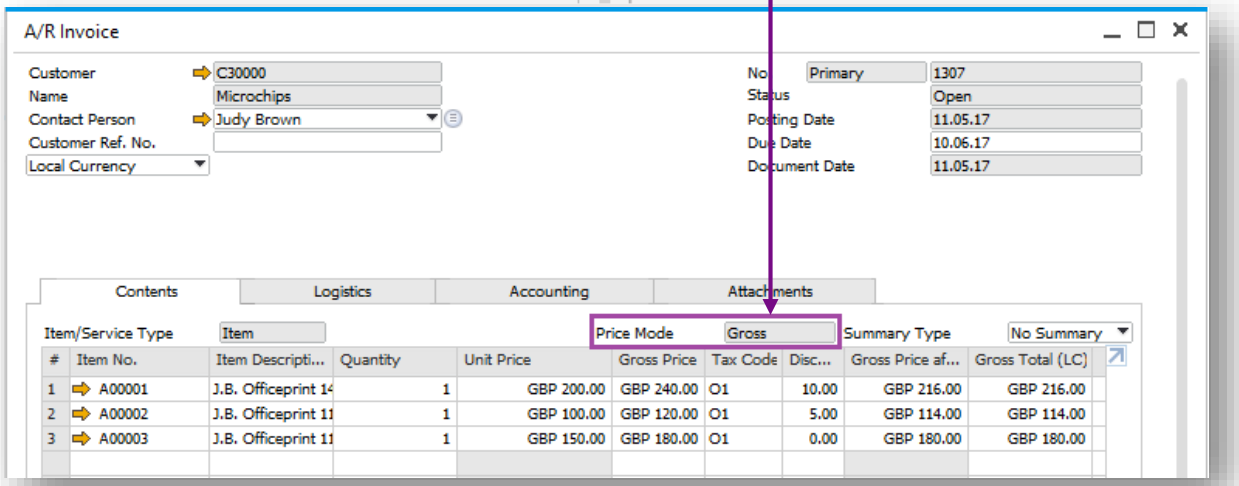
Feature

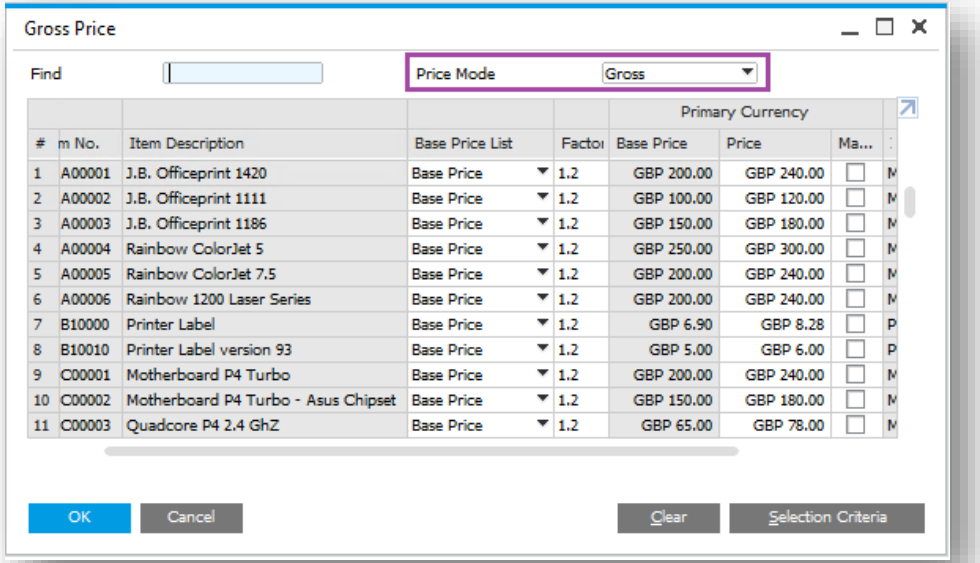
- Use Gross or Net prices in documents.
- Maintain Gross or Net pricelists.
- BP price mode setting drives use of Gross or Net prices in documents

Benefit

- Supports retail businesses
- Streamlined gross price calculation method

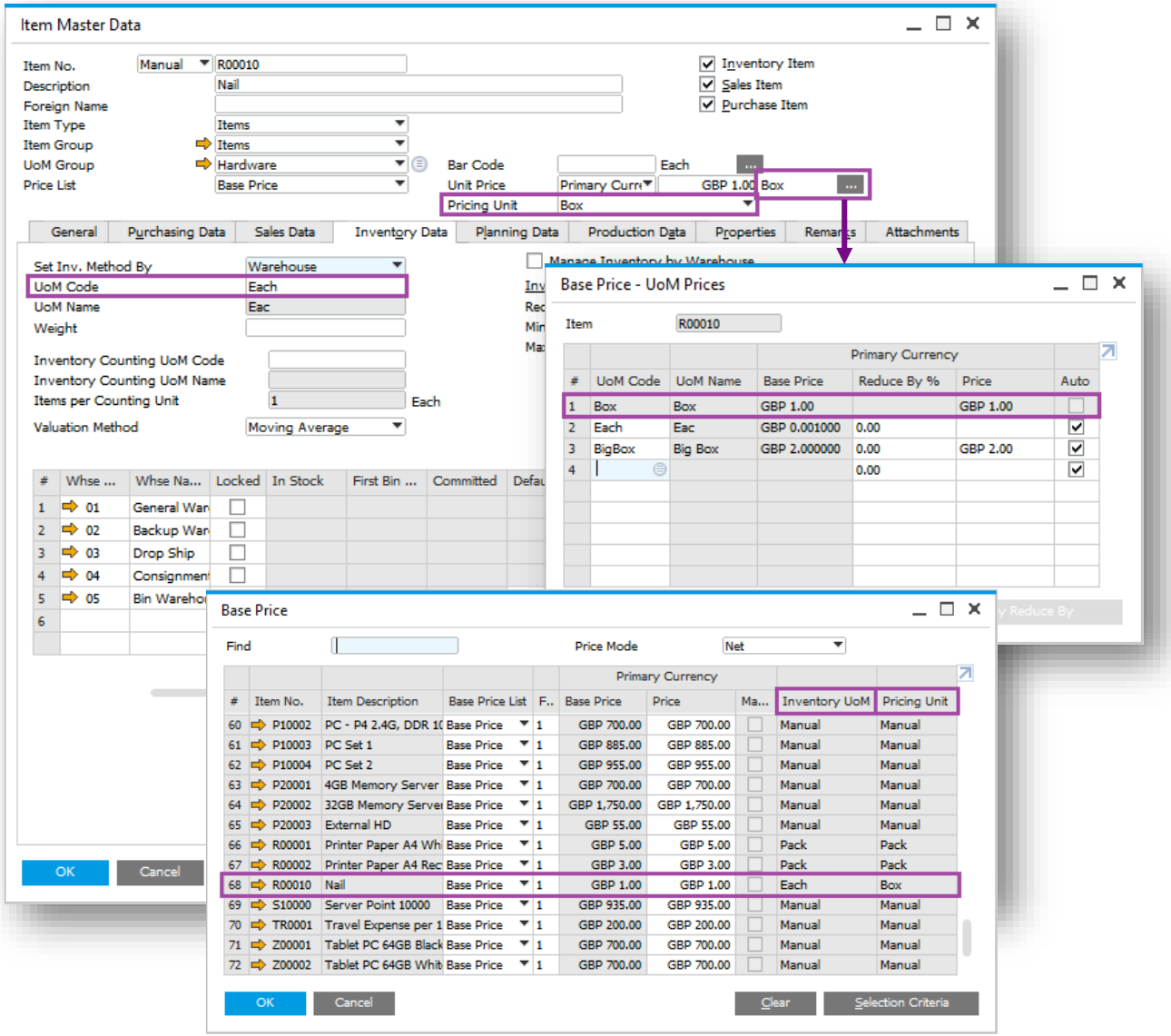
*Not available in Brazil, India or Israel localizations





© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Price Lists (1/2)



Feature

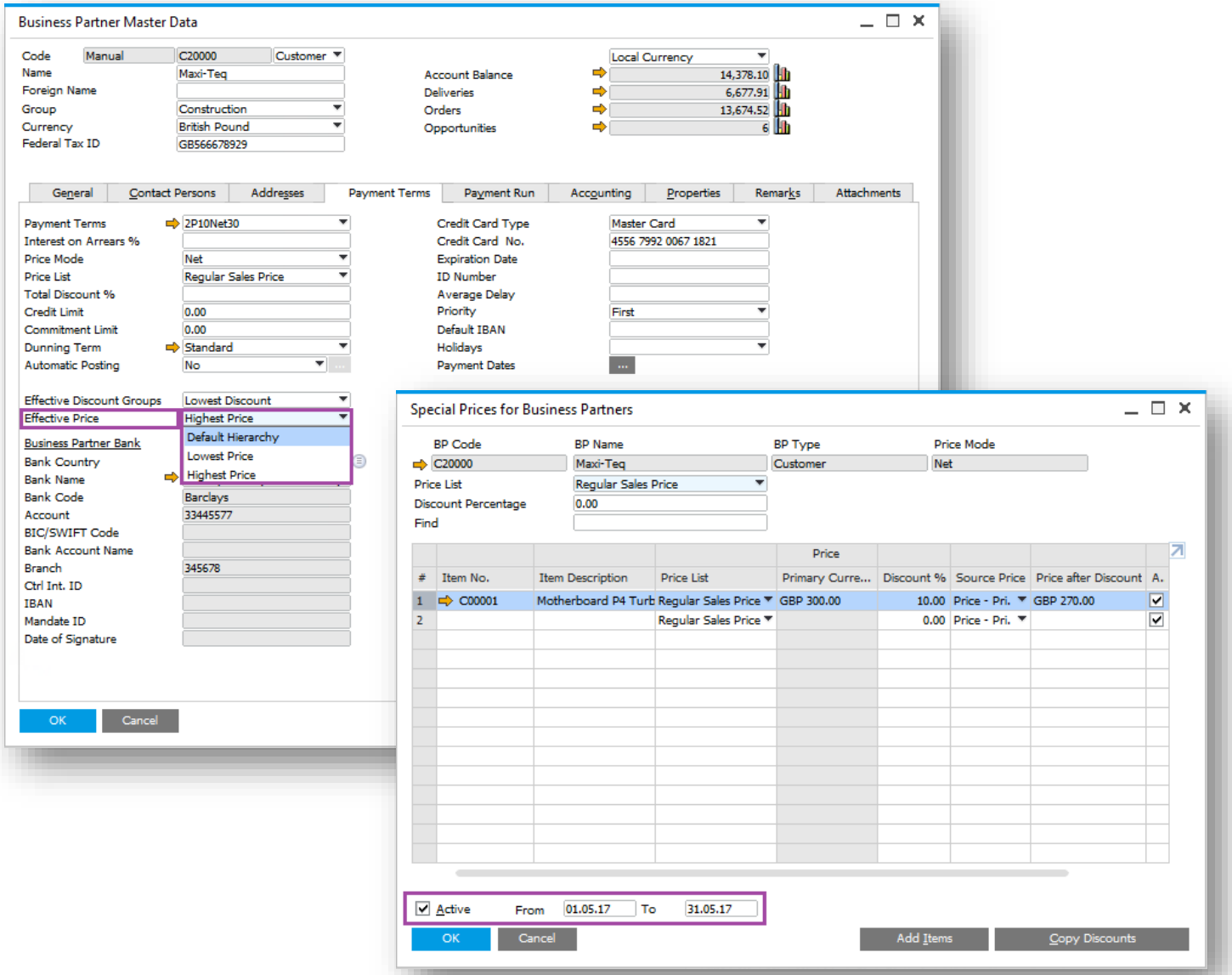
- Define price per pricing unit, e.g. price per 1000 units of a given item.
- Price list reflects this with the additional field Pricing Unit.

Benefit

- Accurate pricing for small value items.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Price Lists (2/2)



Feature

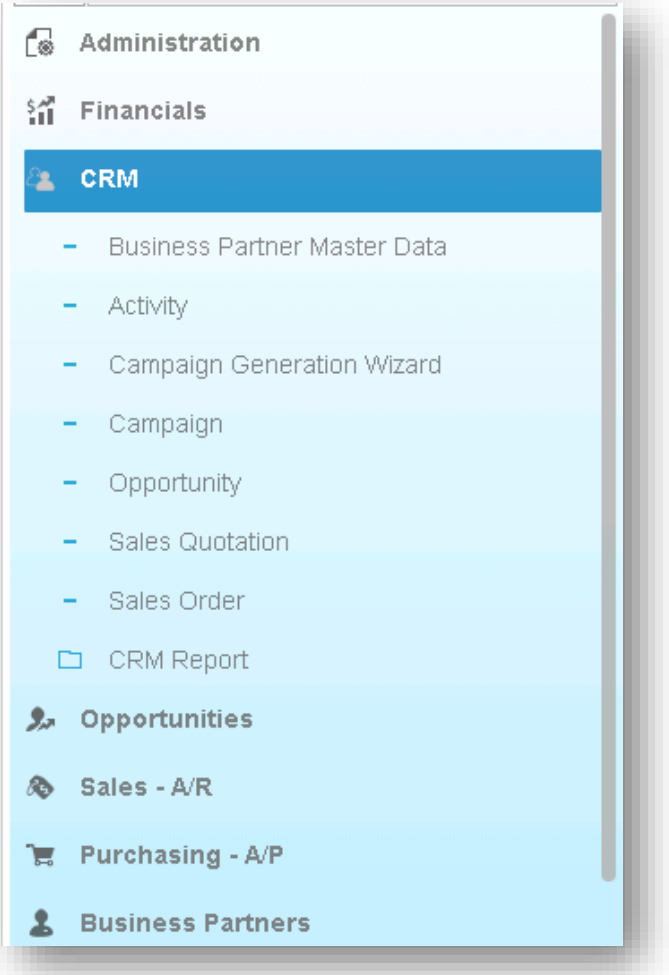
- Effective Price setting:
  - Forces lowest/highest price applicable
  - Applies existing logic for calculating effective prices and chooses the appropriate one based on the choice above
  - *Review the decision process in [Online Help]*
- Special prices can be limited by an active period.

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Centralized CRM Module



Feature

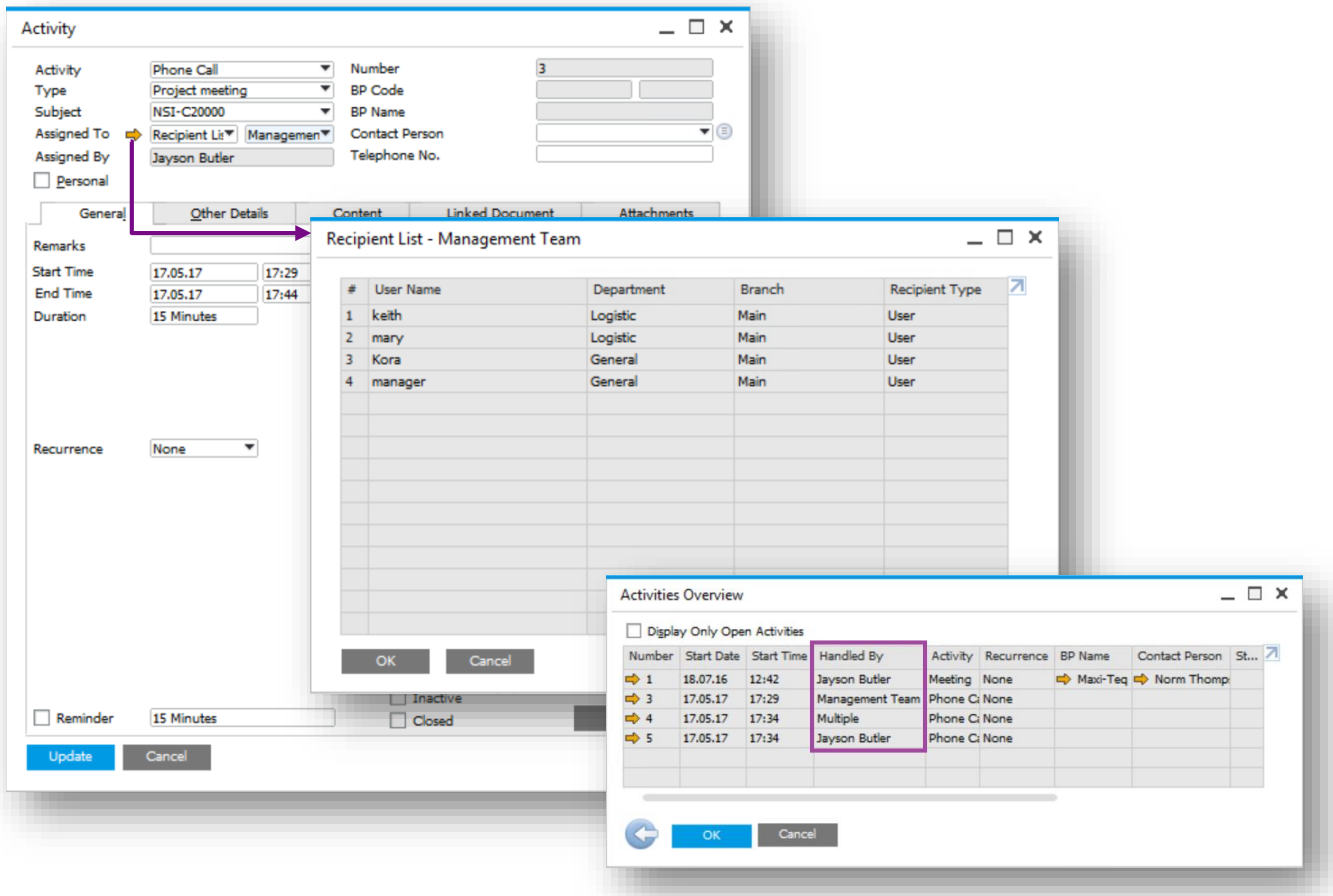
- New module “CRM” is added under the financials module, listing all the functions related to CRM.

Benefit

- Centralized CRM module enhances usability and increases productivity.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

CRM Enhancements



Feature

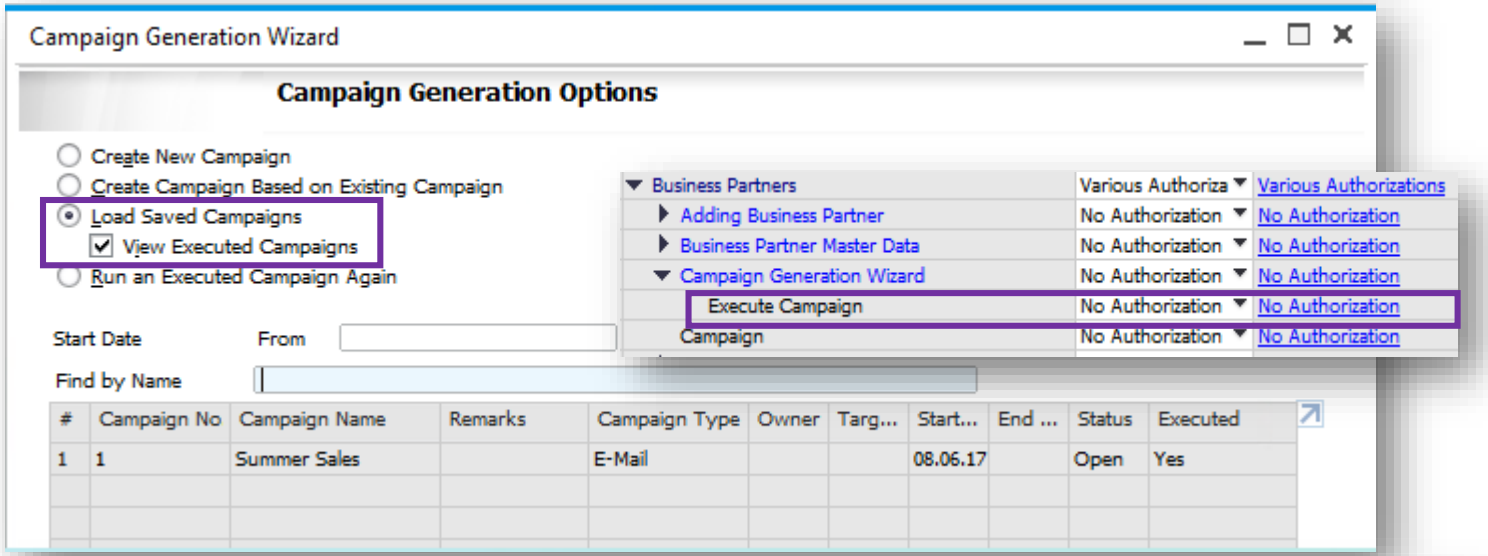
- Activity can be assigned to multiple users/employees; respective recipient lists can be created and maintained for this purpose.
- Activities Overview indicates handlers, be it single or multiple.

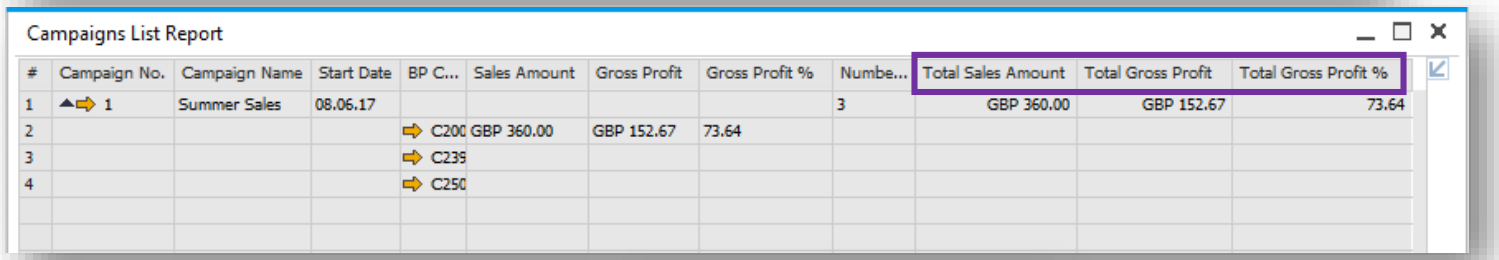
Benefit

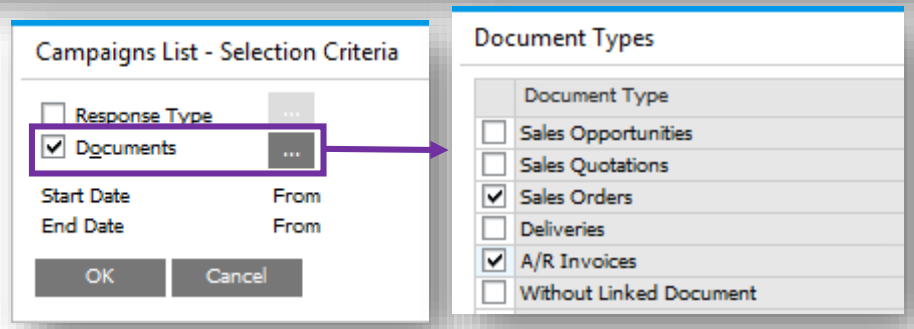
- Increases efficiency - no need to create an activity for each user.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Campaign Management







Feature

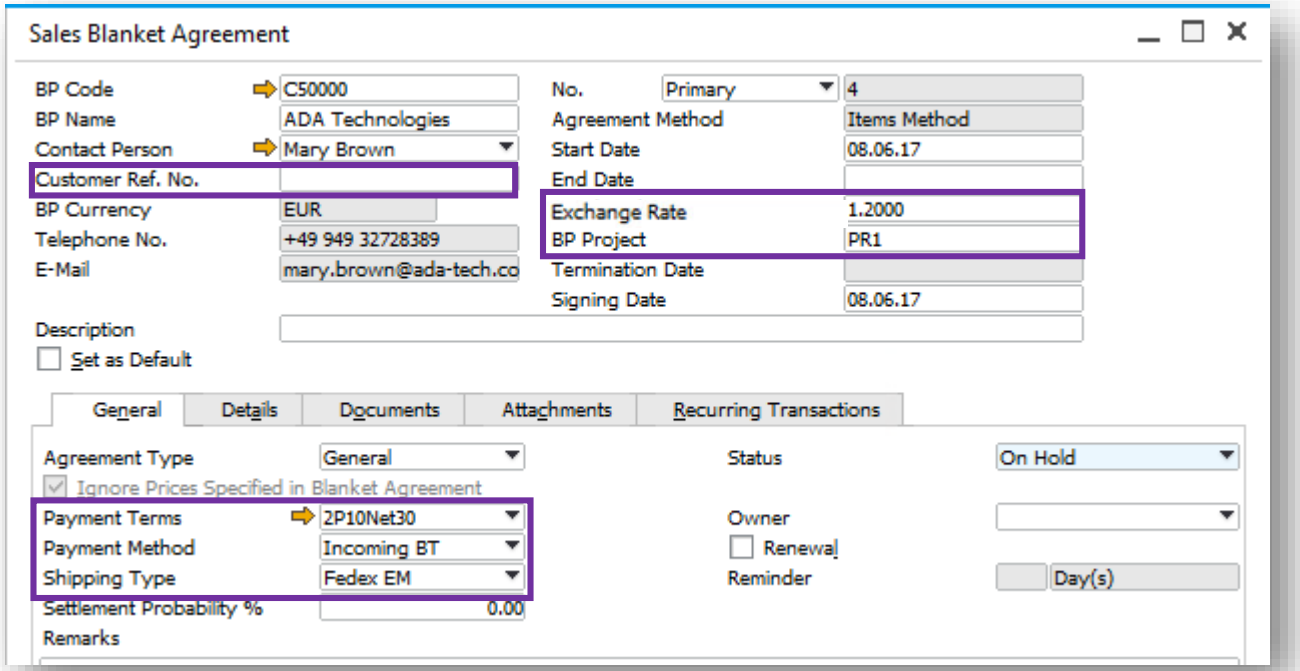
- Manage authorisations for generating and executing campaigns.
- Load saved campaigns, executed or non-executed.
- Find function added to the following forms:
  - Target Group Details
  - Target BPs in Manual Campaign
  - Target BPs in Campaign Generation Wizard
- Campaign List – Selection Criteria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

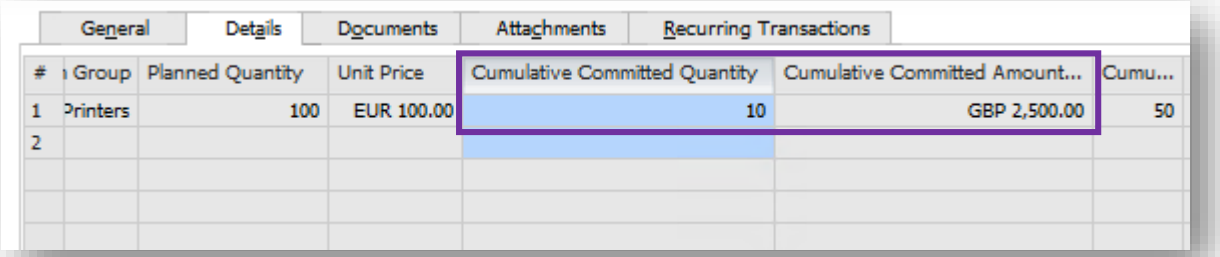
Benefit

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Blanket Agreements (1/2)





Feature

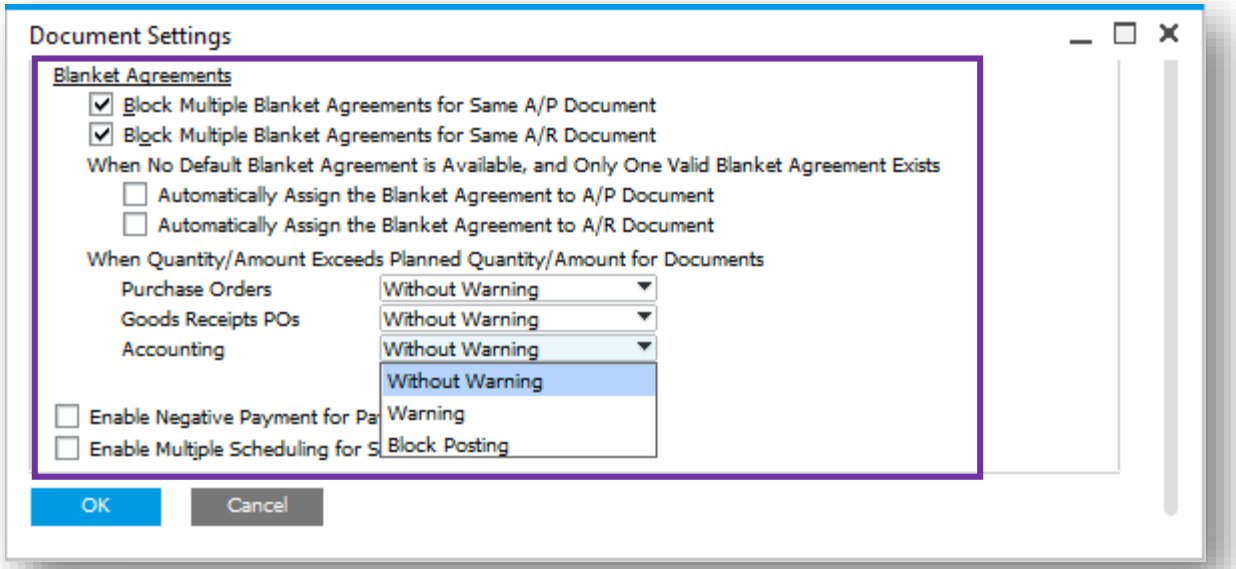
- Determine exchange rate in blanket agreement when BP currency is foreign currency and blanket agreement is managed on the document header.
- Add committed/ordered qty/amount to *Details* tab.
- Determine shipment type within the blanket agreement.
- Payment Method and Payment Terms in the blanket agreement 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.
- Manage customer/vendor reference no. in blanket agreement.
- Display document status in Documents tab.
- Manage project code in blanket agreement.

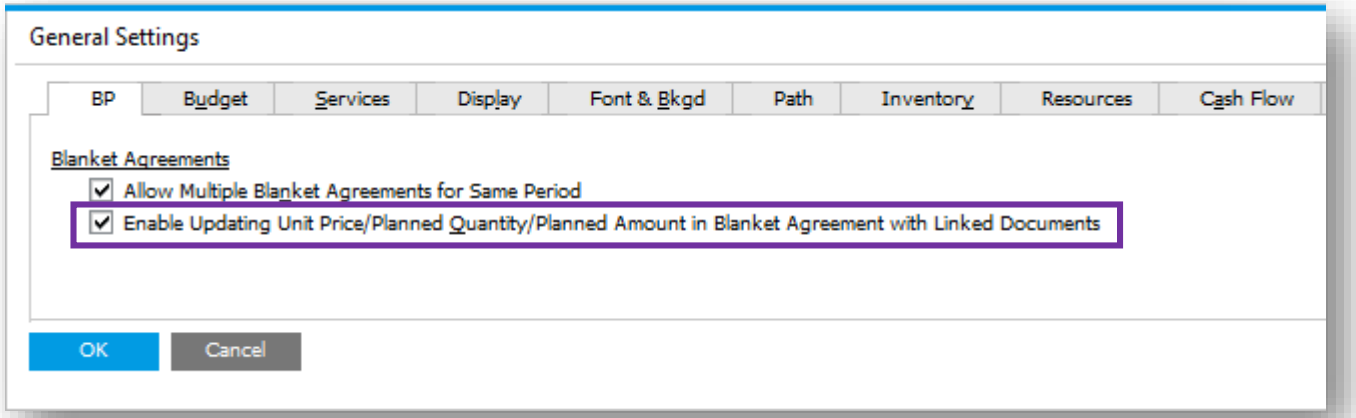
Benefit

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Blanket Agreements (2/2)





Feature

- Enable updating planned amount, planned quantity, and price in blanket agreement that is linked to other documents.
- Control the deviation from blanket agreement planned amount or planned quantity.
- Option to automatically assign a valid Blanket Agreement where no default Blanket Agreement is chosen from many and only one is valid.

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Sales | Purchasing | Service

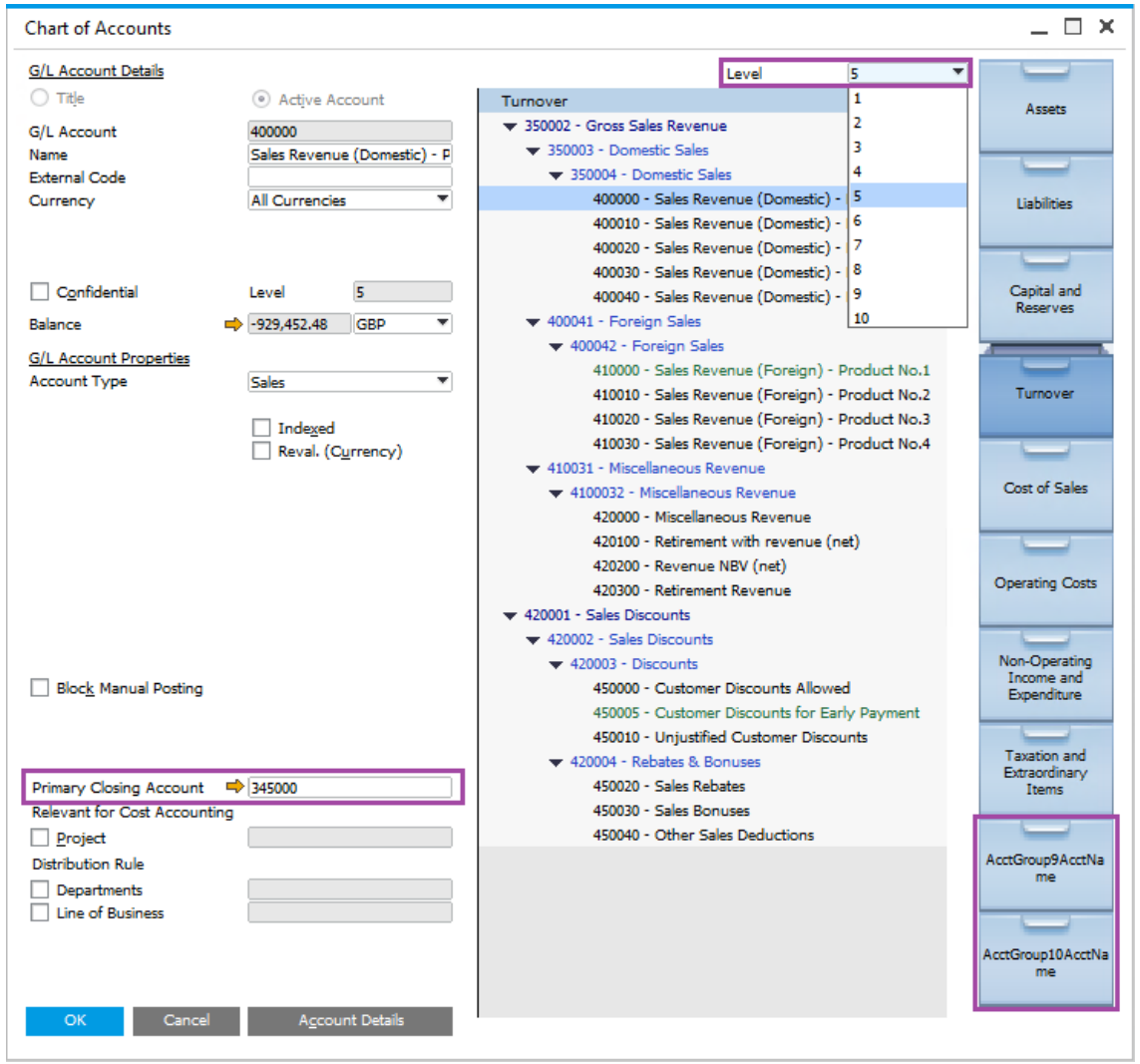
Feature	Description	Localization
Business Partner Master Data	Changing details in payment terms can be set to apply to new Business Partners only.	All
Electronic Documents	You can import XML electronic AP documents with possibility to define import formats per document type using Electronic File Manager (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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Financial Management

SAP Business One 9.3

Financial Scenario Updates (1/3)

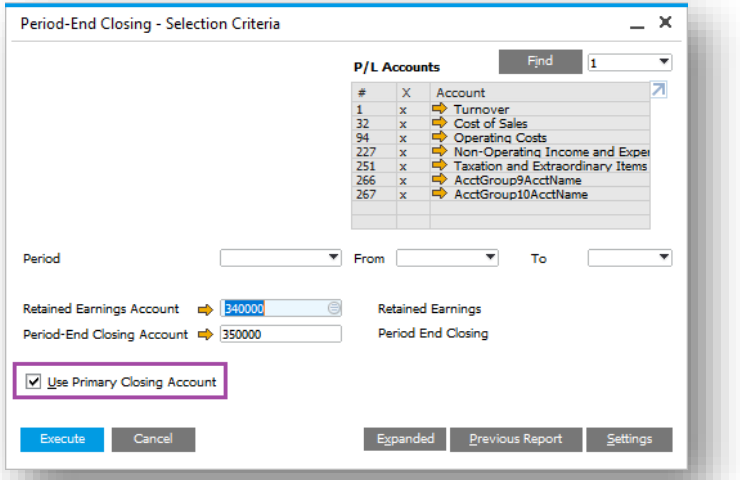


Feature

- 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).*

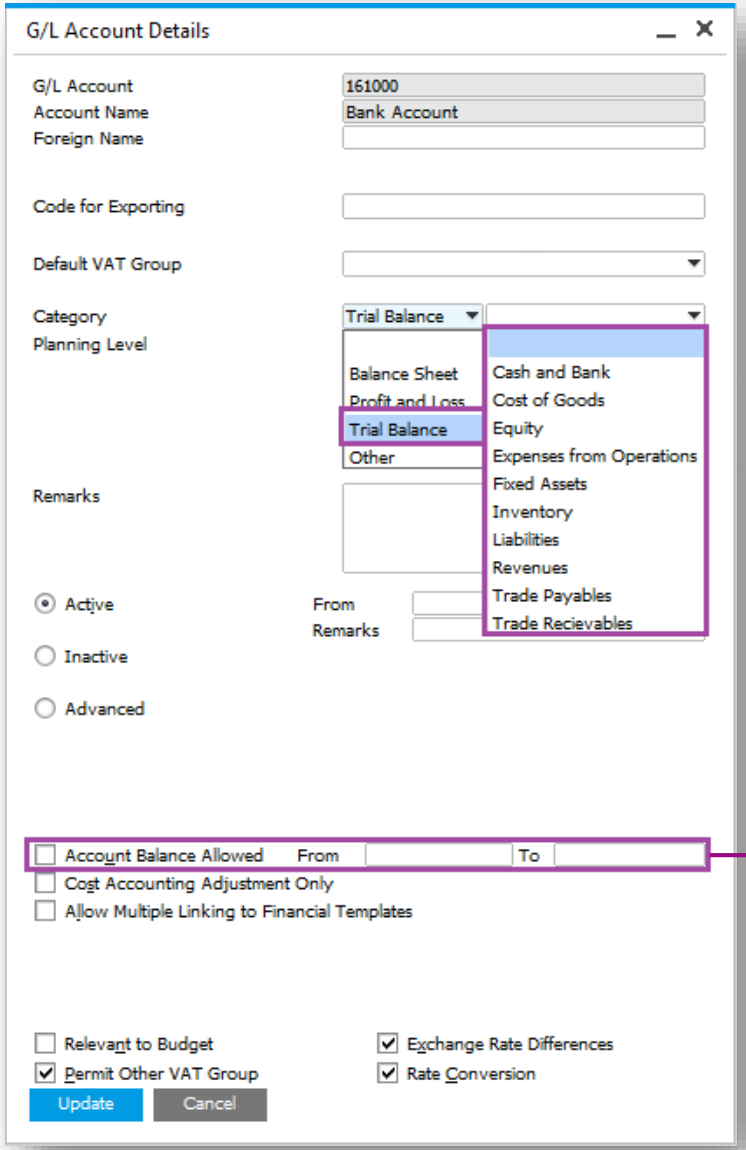
Benefit

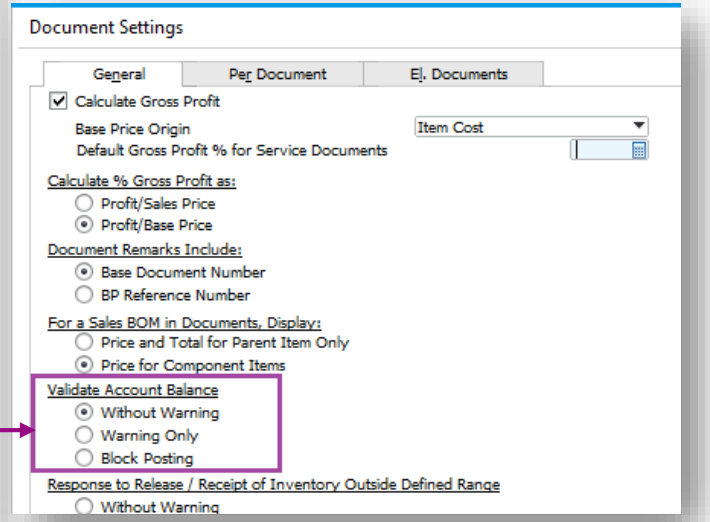
- Better support for large enterprise customers and decreases maintenance costs.
- Accurate period closing.



© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Financial Scenario Updates (2/3)





Feature

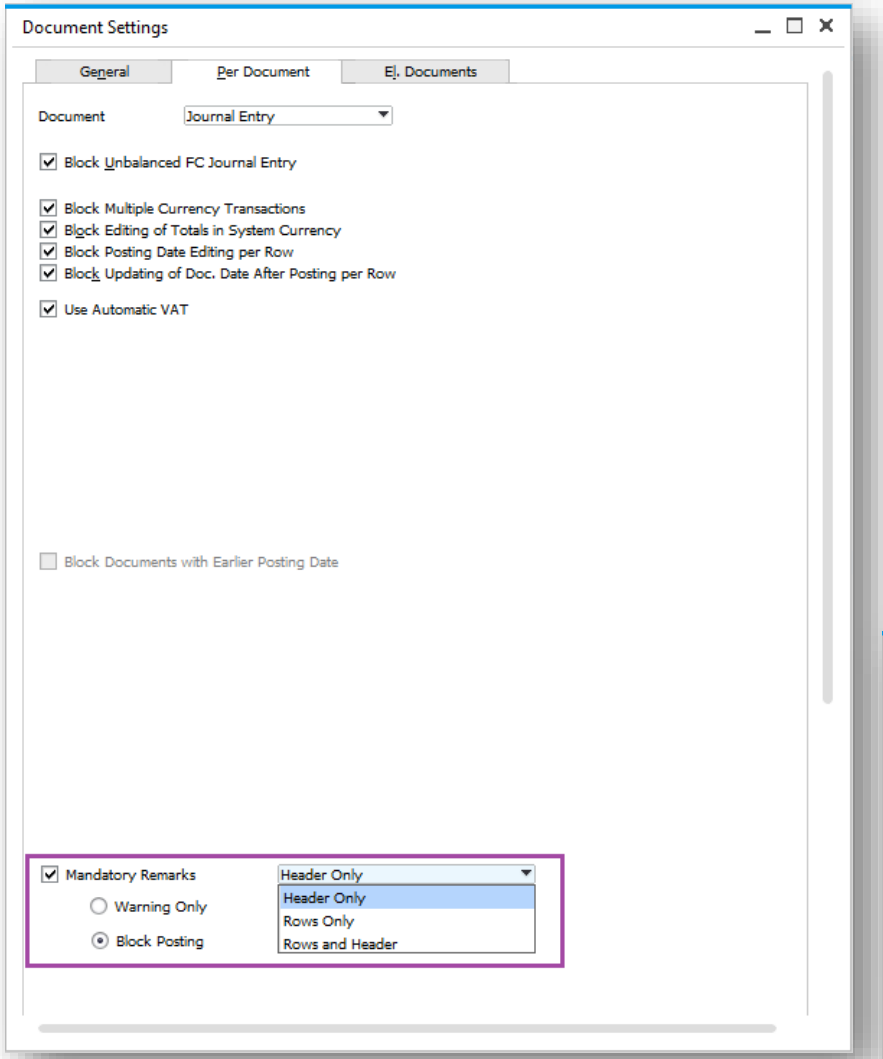
- Additional new category introduced - Trial Balance.
- All categories have predefined sub-categories with ability to define new ones for Balance Sheet and Profit and Loss.
- Restrict the account balance to within a range with ability to block posting.

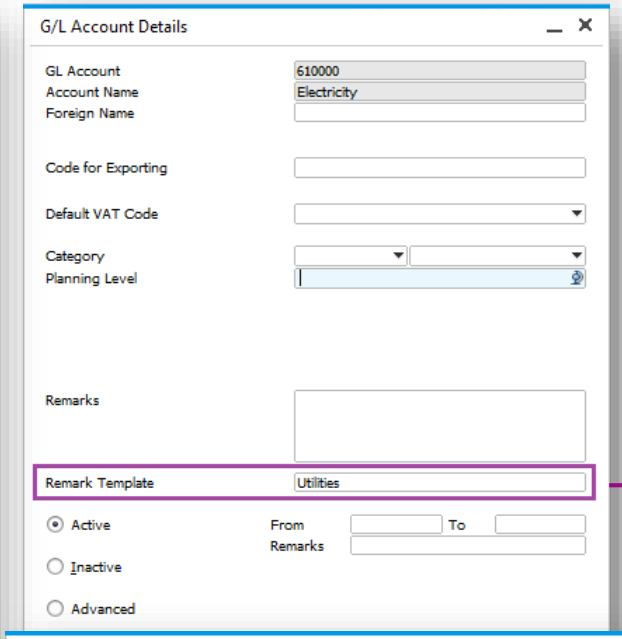
Benefit

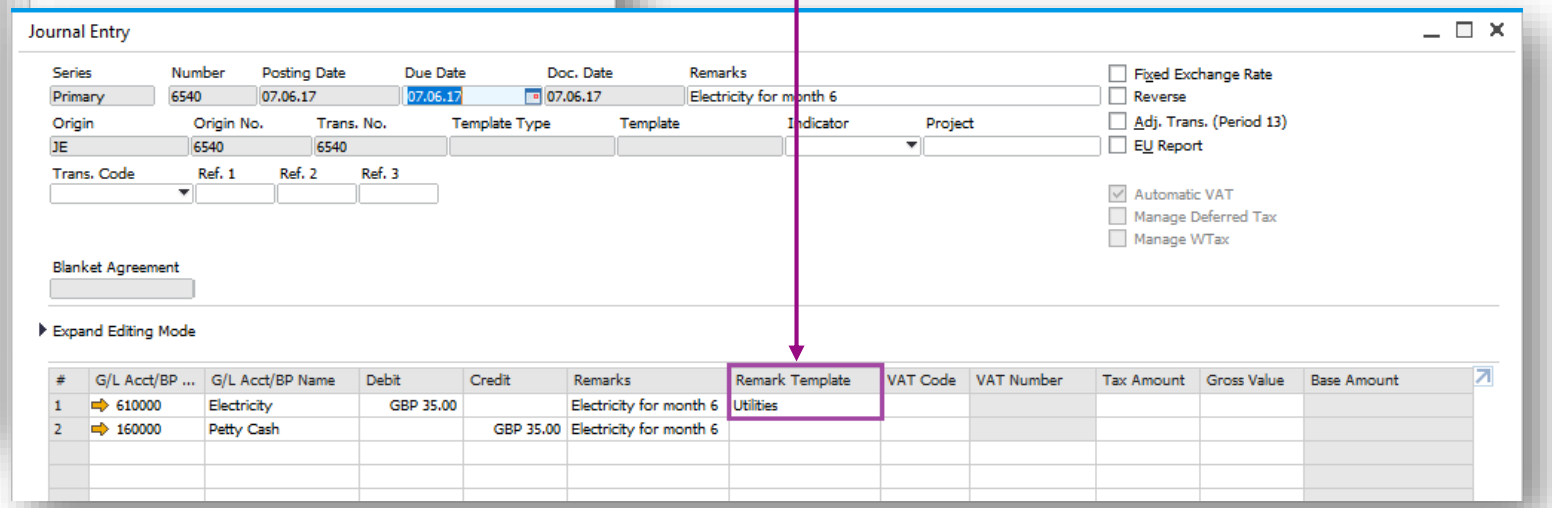
- Categories can help in consolidating large enterprises.
- Better control over account balances.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Financial Scenario Updates (3/3)







Feature

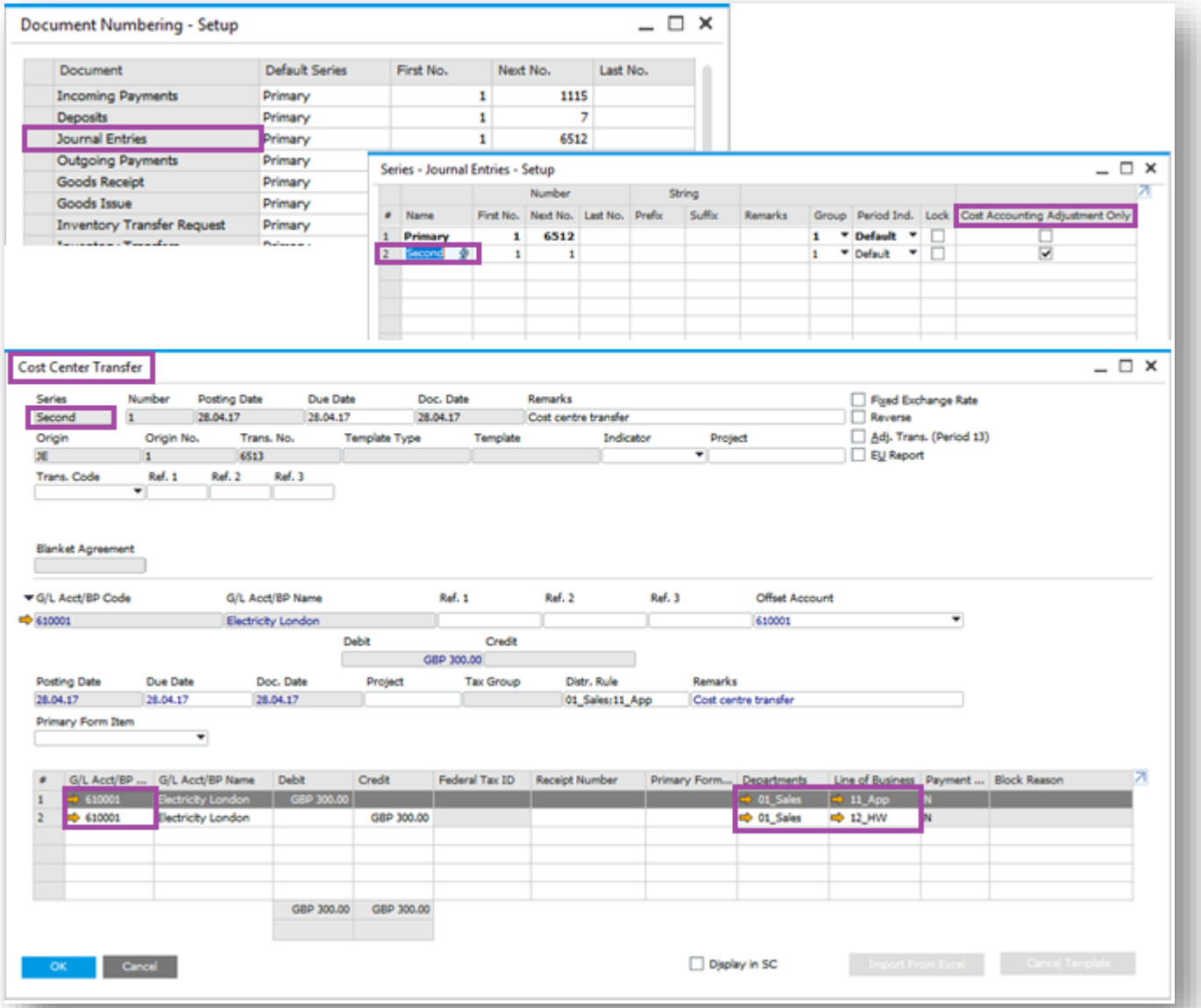
- Journal Entry Remarks can be made mandatory for Header, Rows or both.
- Remark Template to maintain defaults in rows.

Benefit

- Enforce best practices and auditability.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Cost Accounting Ledger (1/3)

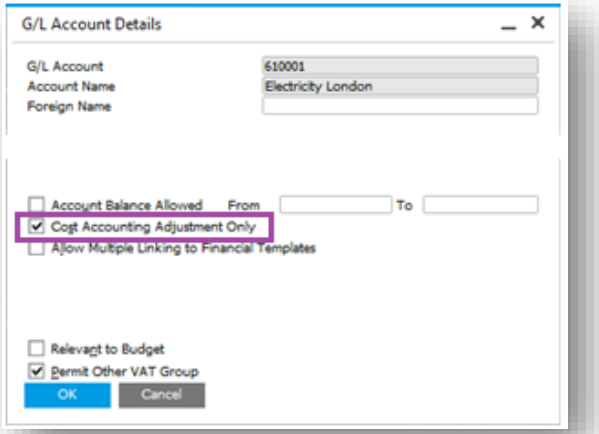


Feature

- 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.

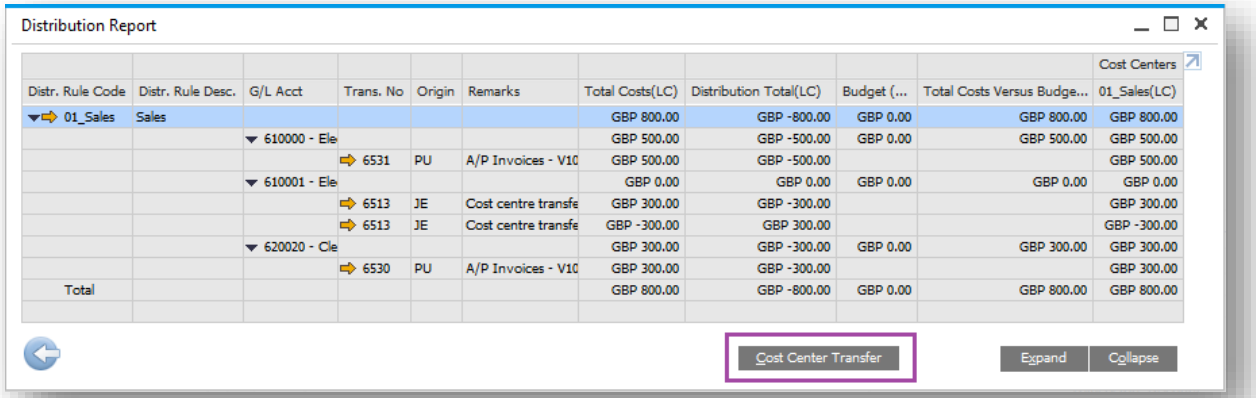
Benefit

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



© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

Cost Accounting Ledger (2/3)



Distr. Rule Code	Distr. Rule Desc.	G/L Acct	Trans. No	Origin	Remarks	Total Costs(LC)	Distribution Total(LC)	Budget (...	Total Costs Versus Budge...	Cost Centers 01_Sales(LC)
01_Sales	Sales					GBP 800.00	GBP -800.00	GBP 0.00	GBP 800.00	GBP 800.00
		610000 - Ele				GBP 500.00	GBP -500.00	GBP 0.00	GBP 500.00	GBP 500.00
			6531	PU	A/P Invoices - V10	GBP 500.00	GBP -500.00			GBP 500.00
		610001 - Ele				GBP 0.00	GBP 0.00	GBP 0.00	GBP 0.00	GBP 0.00
			6513	JE	Cost centre transfe	GBP 300.00	GBP -300.00			GBP 300.00
			6513	JE	Cost centre transfe	GBP -300.00	GBP 300.00			GBP -300.00
		620020 - Cle				GBP 300.00	GBP -300.00	GBP 0.00	GBP 300.00	GBP 300.00
			6530	PU	A/P Invoices - V10	GBP 300.00	GBP -300.00			GBP 300.00
Total						GBP 800.00	GBP -800.00	GBP 0.00	GBP 800.00	GBP 800.00

Cost Center Transfer

Series: Second | Number: 1 | Posting Date: 28.04.17 | Due Date: 28.04.17 | Doc. Date: 28.04.17 | Remarks: Cost centre transfer

Fixed Exchange Rate
Reverse
Adj. Trans. (Period 13)
EU Report

Origin: JE | Origin No.: 1 | Trans. No.: 6513 | Template Type | Template | Indicator | Project

Trans. Code | Ref. 1 | Ref. 2 | Ref. 3

Blanket Agreement

G/L Acct/BP Code: 610001 | G/L Acct/BP Name: Electricity London | Ref. 1 | Ref. 2 | Ref. 3 | Offset Account: 610001

Debit: GBP 300.00 | Credit

Posting Date: 28.04.17 | Due Date: 28.04.17 | Doc. Date: 28.04.17 | Project | Tax Group | Distr. Rule: 01_Sales;11_App | Remarks: Cost centre transfer

Primary Form Item

#	G/L Acct/BP ...	G/L Acct/BP Name	Debit	Credit	Federal Tax ID	Receipt Number	Primary Form...	Departments	Line of Business	Payment ...	Block Reason
1	610001	Electricity London	GBP 300.00					01_Sales	11_App	N	
2	610001	Electricity London		GBP 300.00				01_Sales	12_HW	N	
			GBP 300.00	GBP 300.00							

OK | Cancel | Display in SC | Import From Excel | Cancel Template

Feature

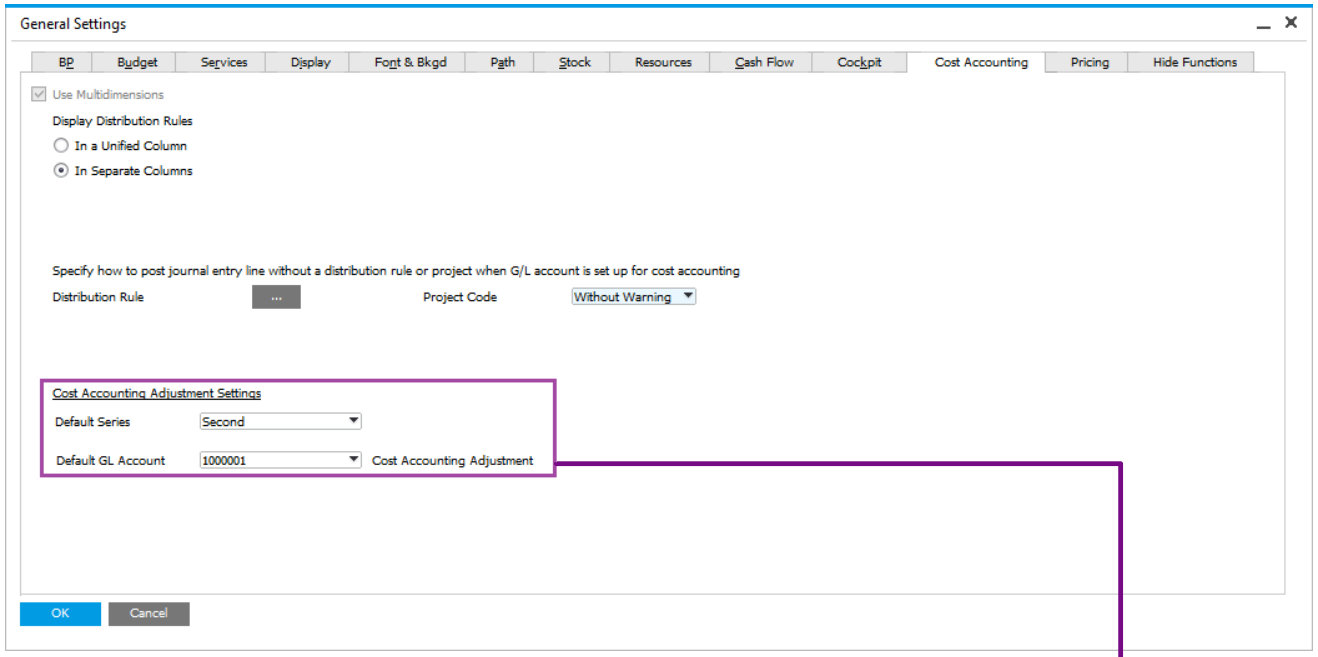
- Allocate costs to correct cost centers directly from the Distribution report.

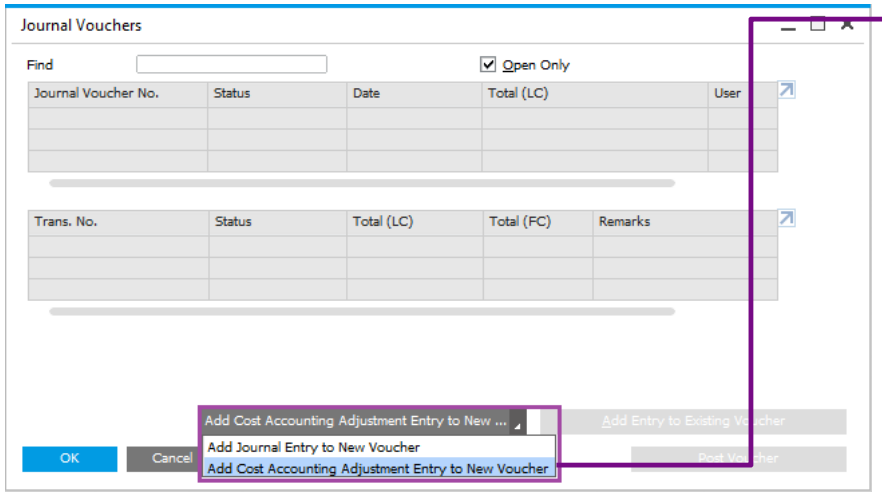
Benefit

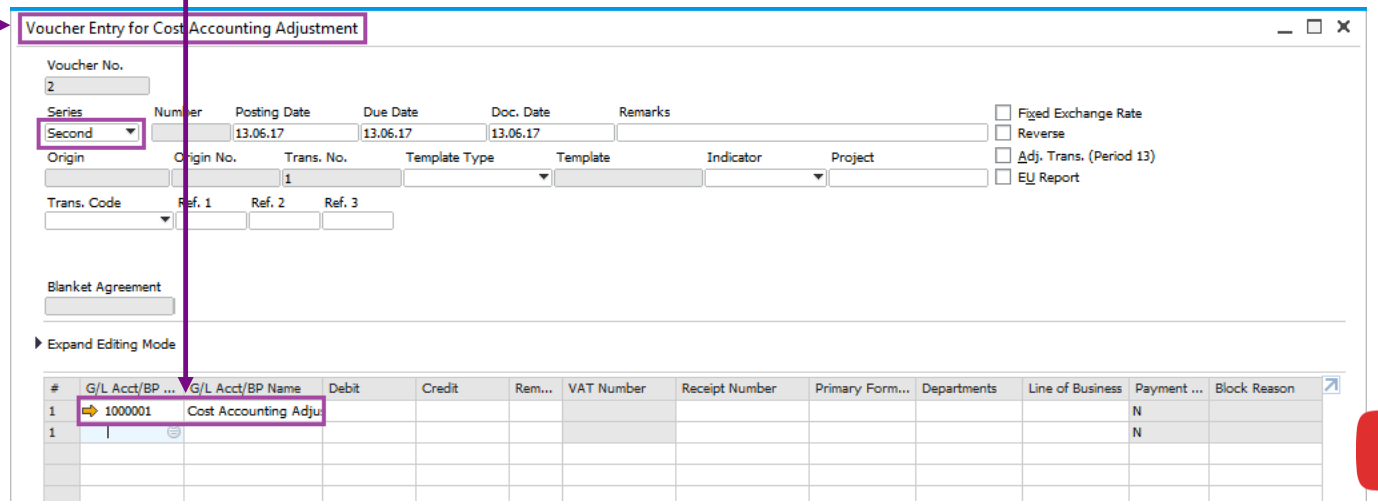
- Quicker cost reallocation.
- Increase productivity.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Cost Accounting Ledger (3/3)







Feature

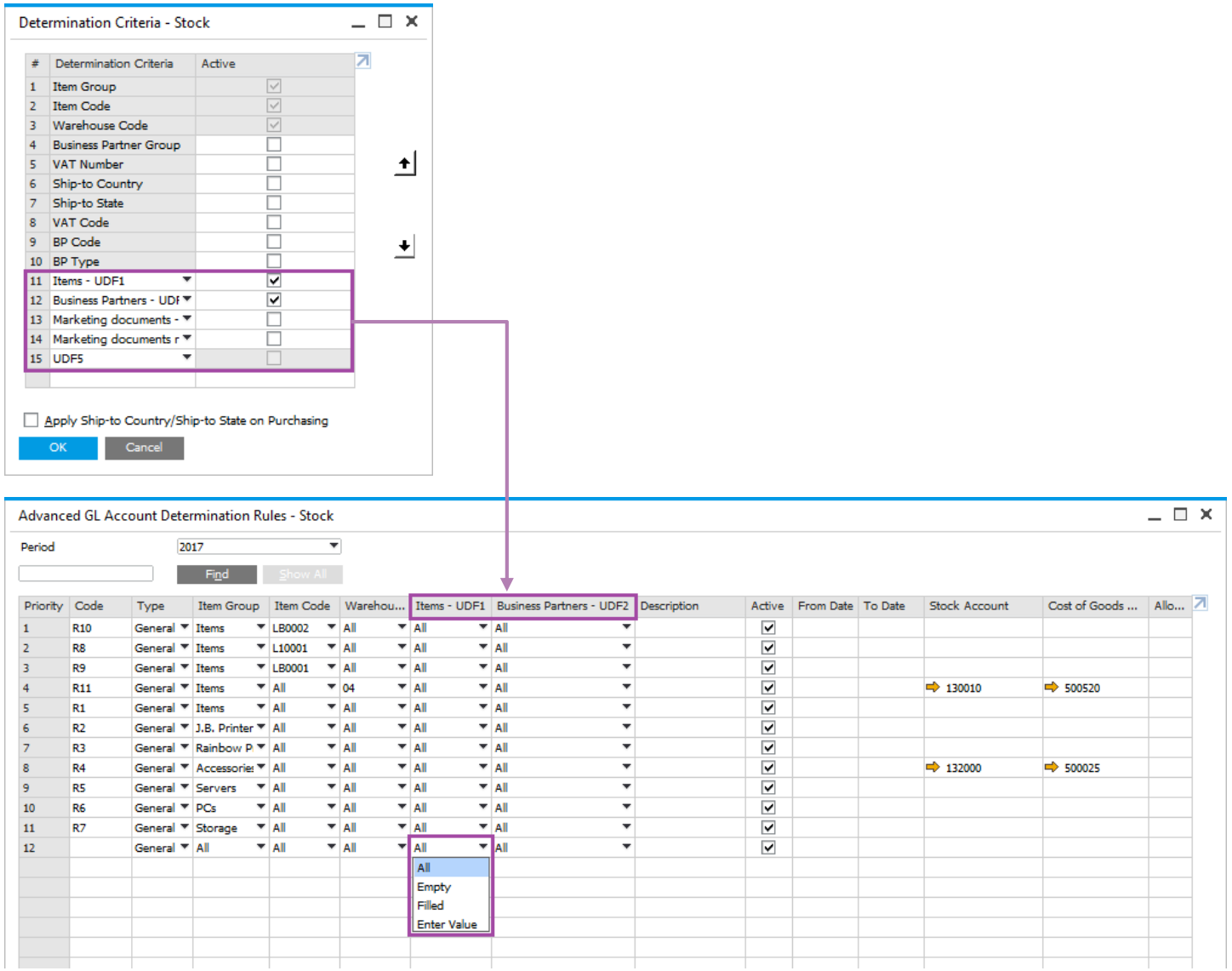
- Set up Default Series and Default GL Account to automatically populate Cost Accounting Adjustment transactions.
- Journal Voucher adapted to cater for Cost Accounting Adjustment transactions.

Benefit

- Journal Vouchers aligned with Journal entry functionality.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

GL Account Determination Matrix



Feature

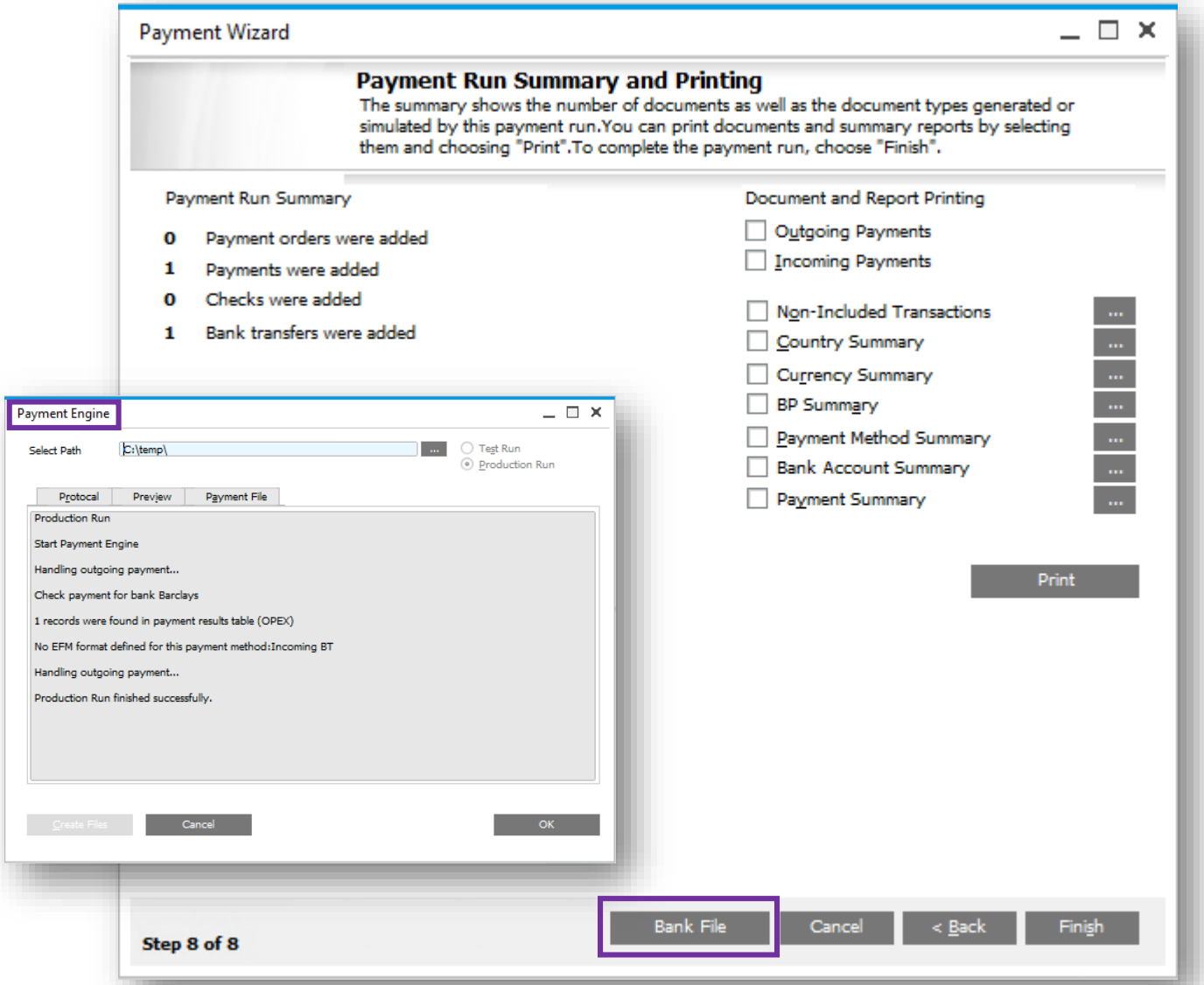
- Up to 5 user defined fields can be managed in the determination criteria screen.
- You can use these 5 UDFs in defining the rules in the Advanced G/L Account Determination Rules screen.
- Options available:
  - All – criteria not relevant
  - Empty – field must be empty
  - Filled – field must have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

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Integrated Payment Engine



Feature

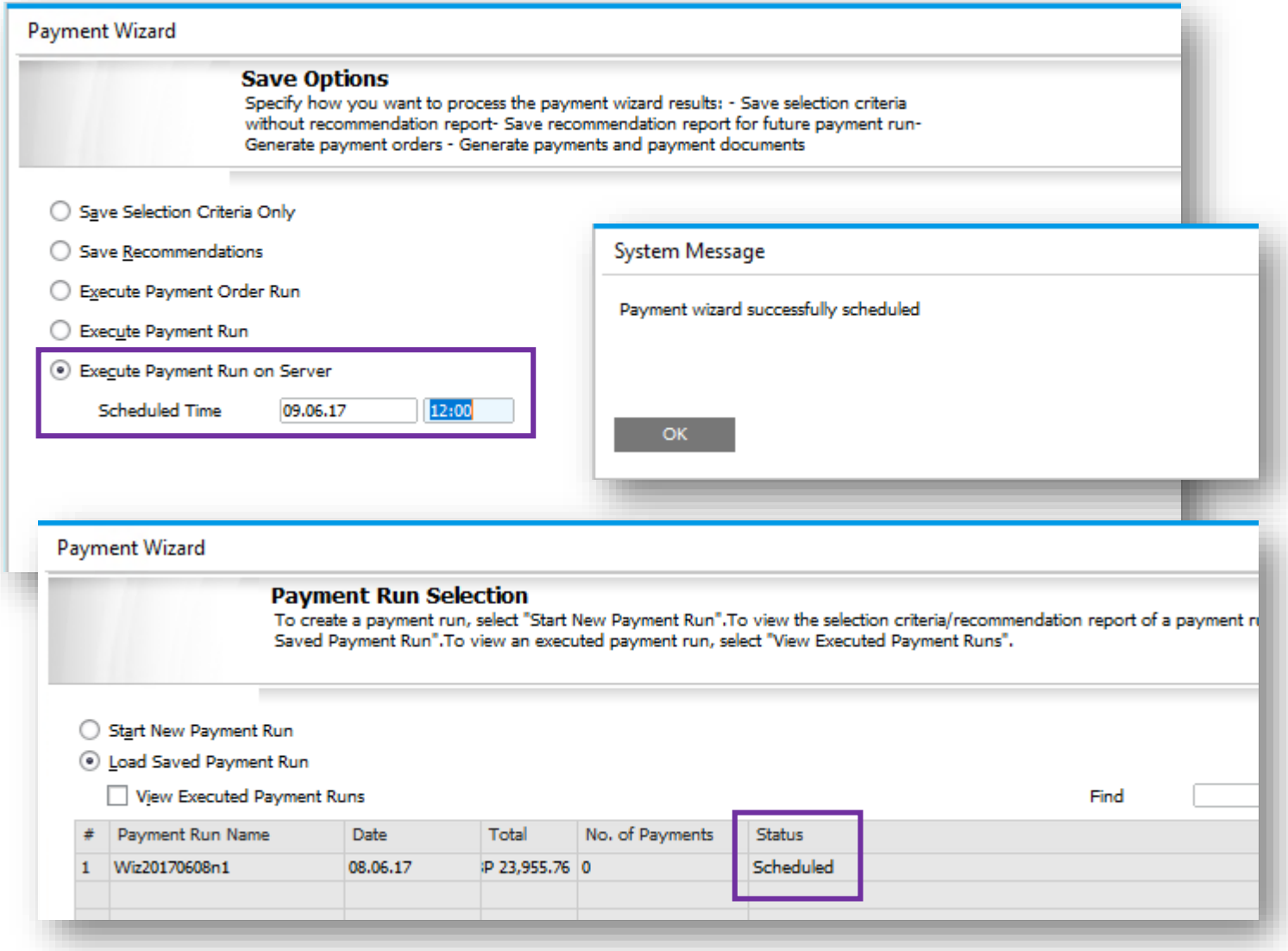
- Integrated bank file created when Electronic File Manager (EFM) designed outbound bank file formats are linked to the payment method selected in the Payment Wizard.
- Note: Historical .dll bank file formats not designed with the EFM addon still require the Payment Engine Add-on.

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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Scheduled Batch Processing



Feature

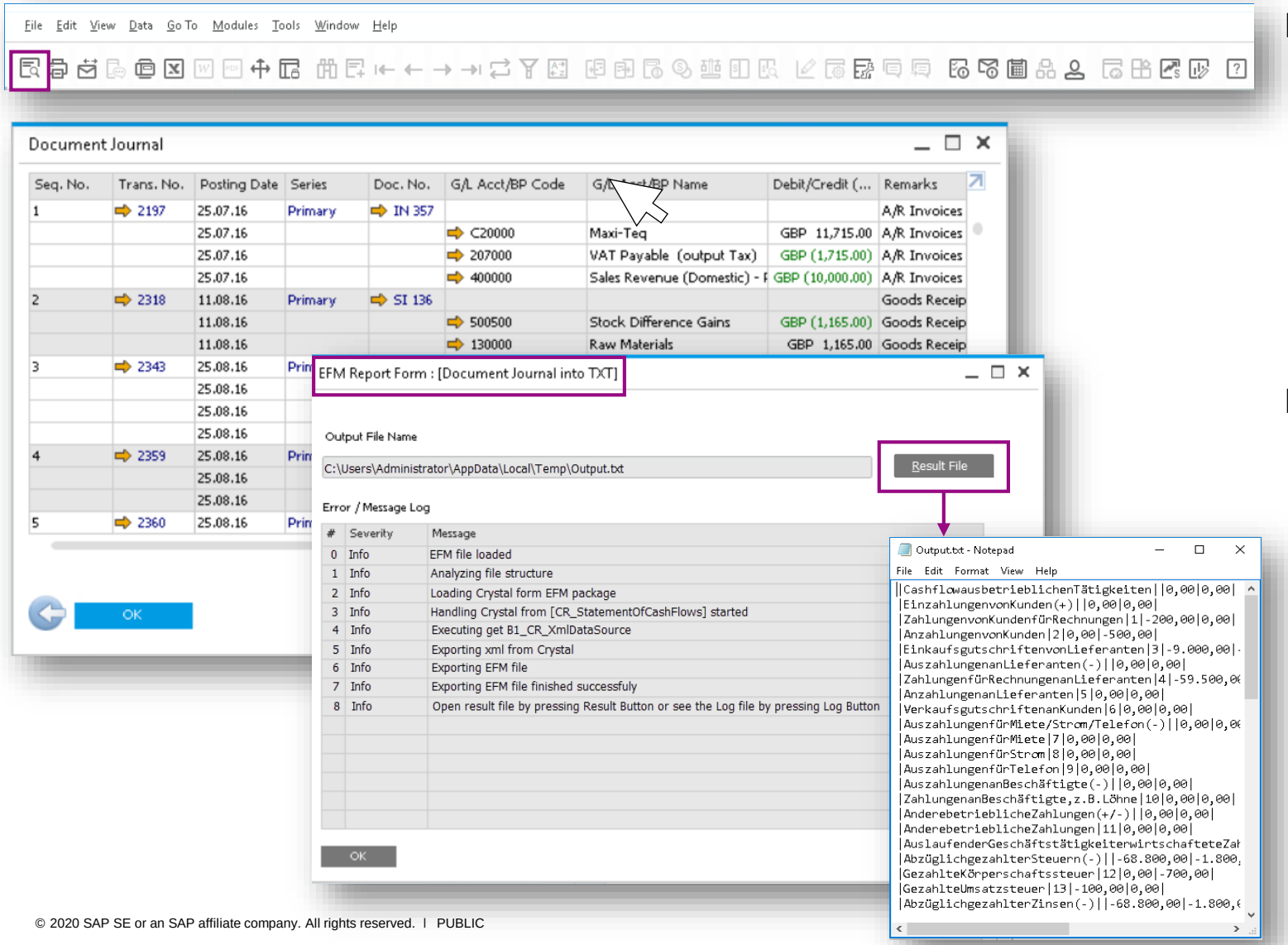
- Leverage the service layer for parallel processing on the server-side.
- Tasks are dispatched and scheduled in the Job Server.
- Payment Wizard transactions will initially be supported.
- New *Execute Payment Run on Server* option in the Payment Wizard with ability to schedule a specific date and time.

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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Electronic File Layout Templates



Feature

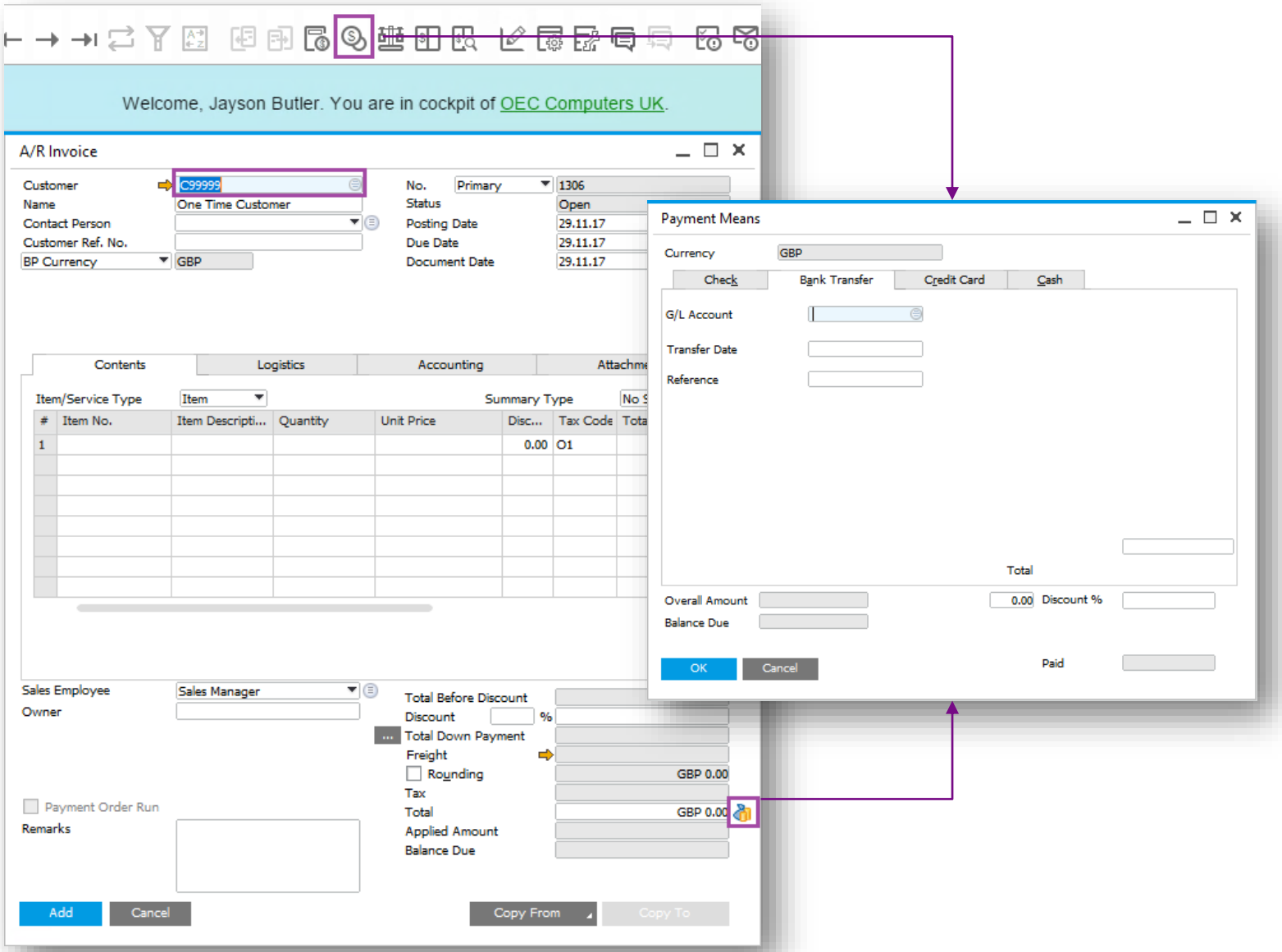
- Export SAP Business One form data into various file formats using XML.
- See SAP Note 1074366
- Create Crystal reports out of the XML and assign required fields inside EFM mapping file.
- Assign EFM GEP files as electronic file for any report.

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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

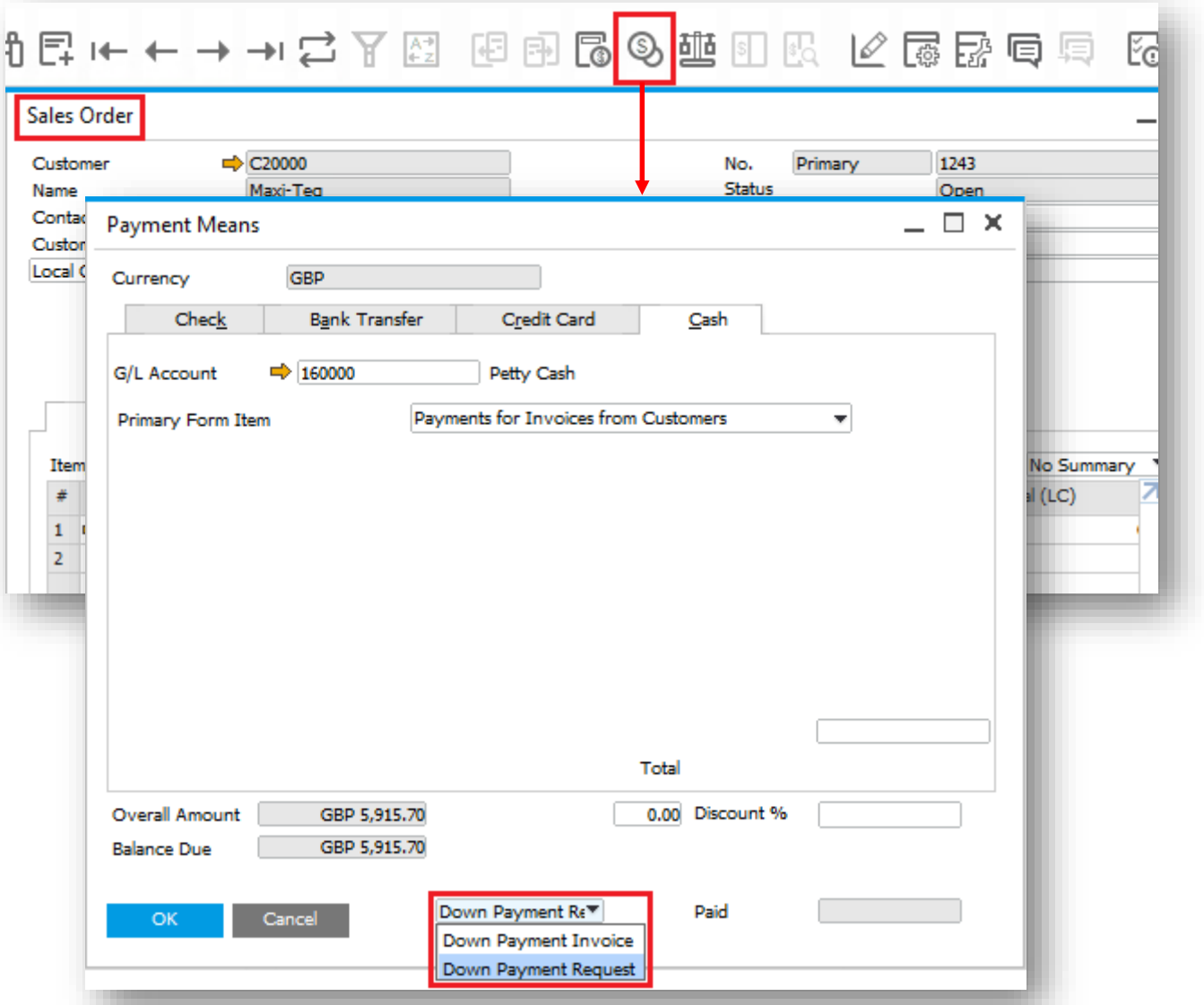
- Enhanced usability
  - Faster invoice and payment input for all BPs
  - Faster access to payment screen

PL01

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Enable Down Payments from Orders using Payment Means

PL05



Feature

- Create a Down Payment Invoice or Down Payment Request from a Sales or Purchase Order
- Follow up Down Payment transaction added together with the above
- See SAP Note 2628509

Benefit

- Efficient entry of related transactions

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Financial Management

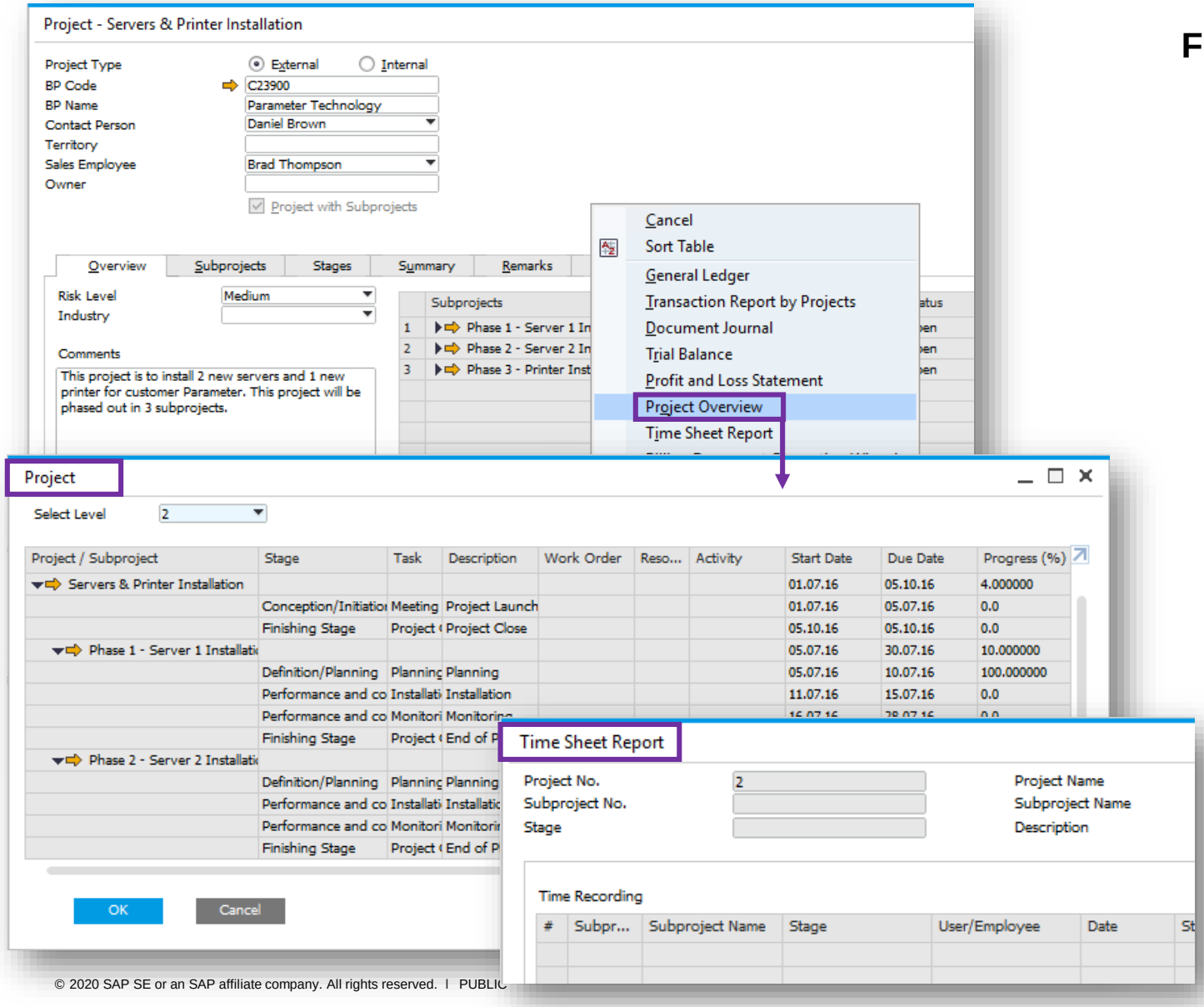
Feature	Description	Localization
IFRS Revenue Recognition Enhancements	In addition to Blanket Agreement (BA) enhancements, following features also help fulfil the new IFRS 15 Standard: Revenue from contracts with customers: - Currency handling on BA - Approval procedures for BA	All
Manage Change Log 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
Business Assessment Report (Crystal Report)	New financial report templates to create the Business Assessment report – easily adjust the report structure according to the needs. See SAP Note 2815241	All **PL11**

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Project Management

SAP Business One 9.3

Project Management (1/3)

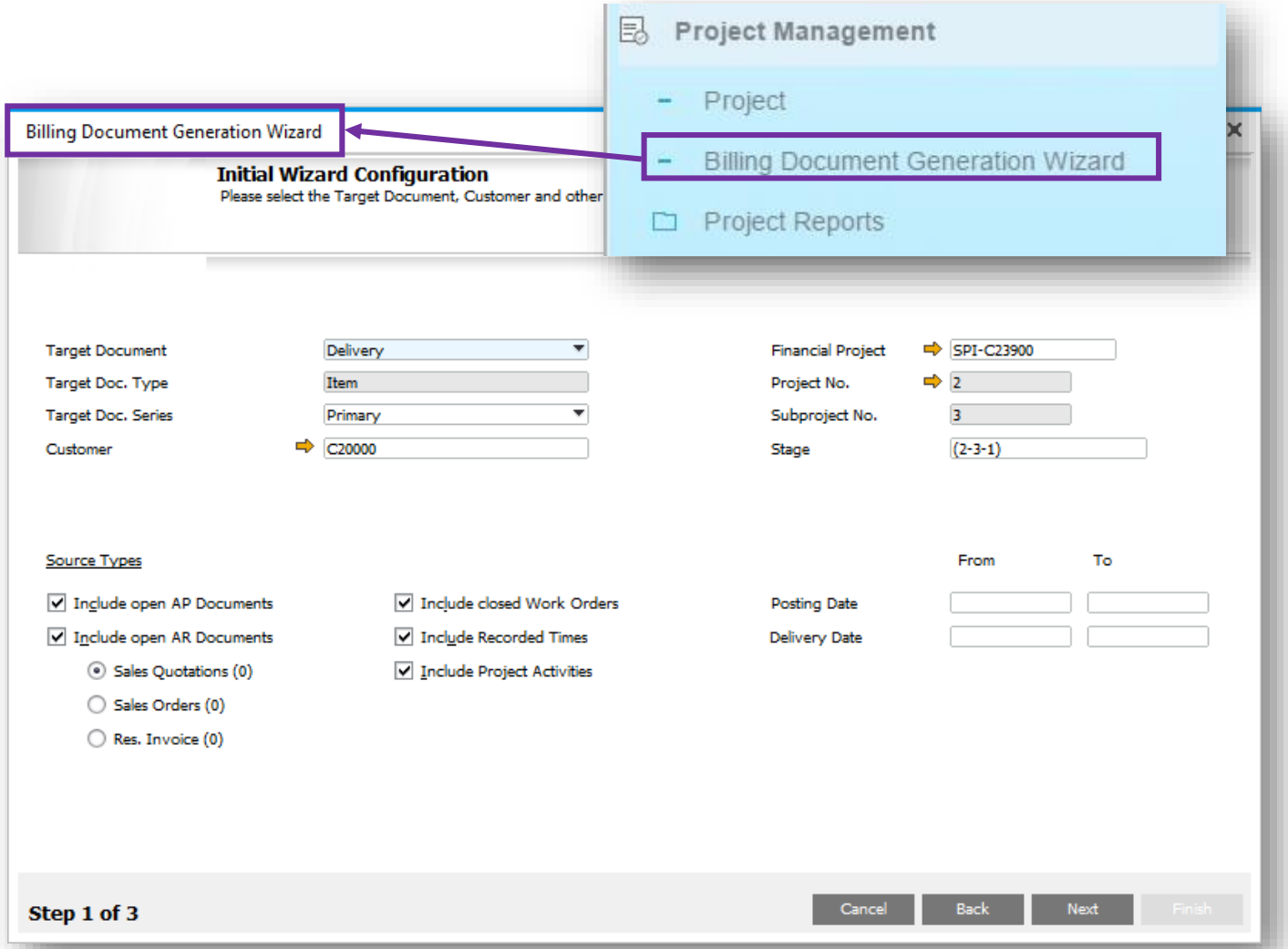


Feature

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

Project Management (2/3)



Feature

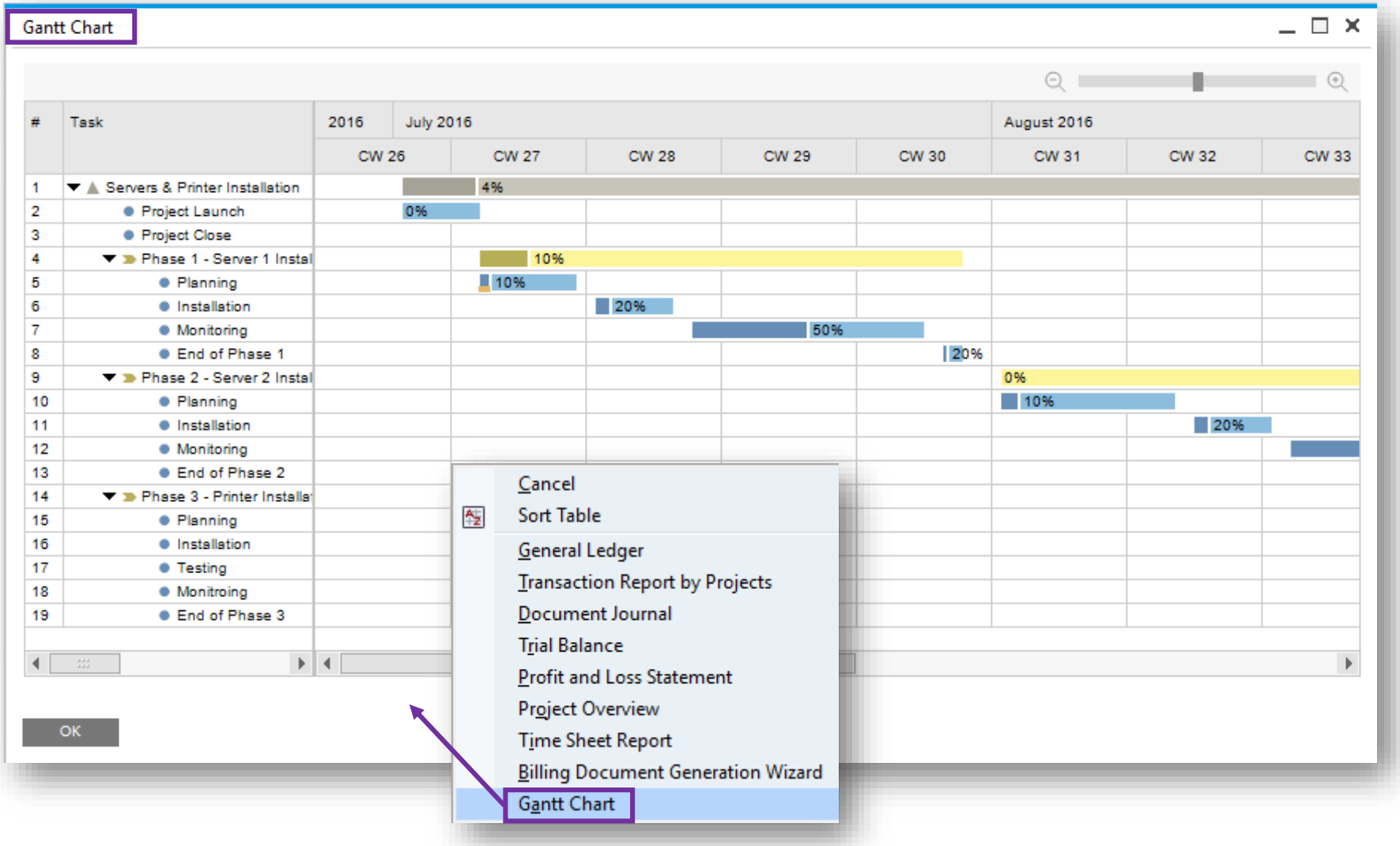
- New Billing Document Generation Wizard allows users to recharge costs or bill a project.
- The billing wizard collects open document lines and billable items connected to the project for invoicing.
- Creates AR Delivery or AR Invoice documents based on the project data stored in the Project Management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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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

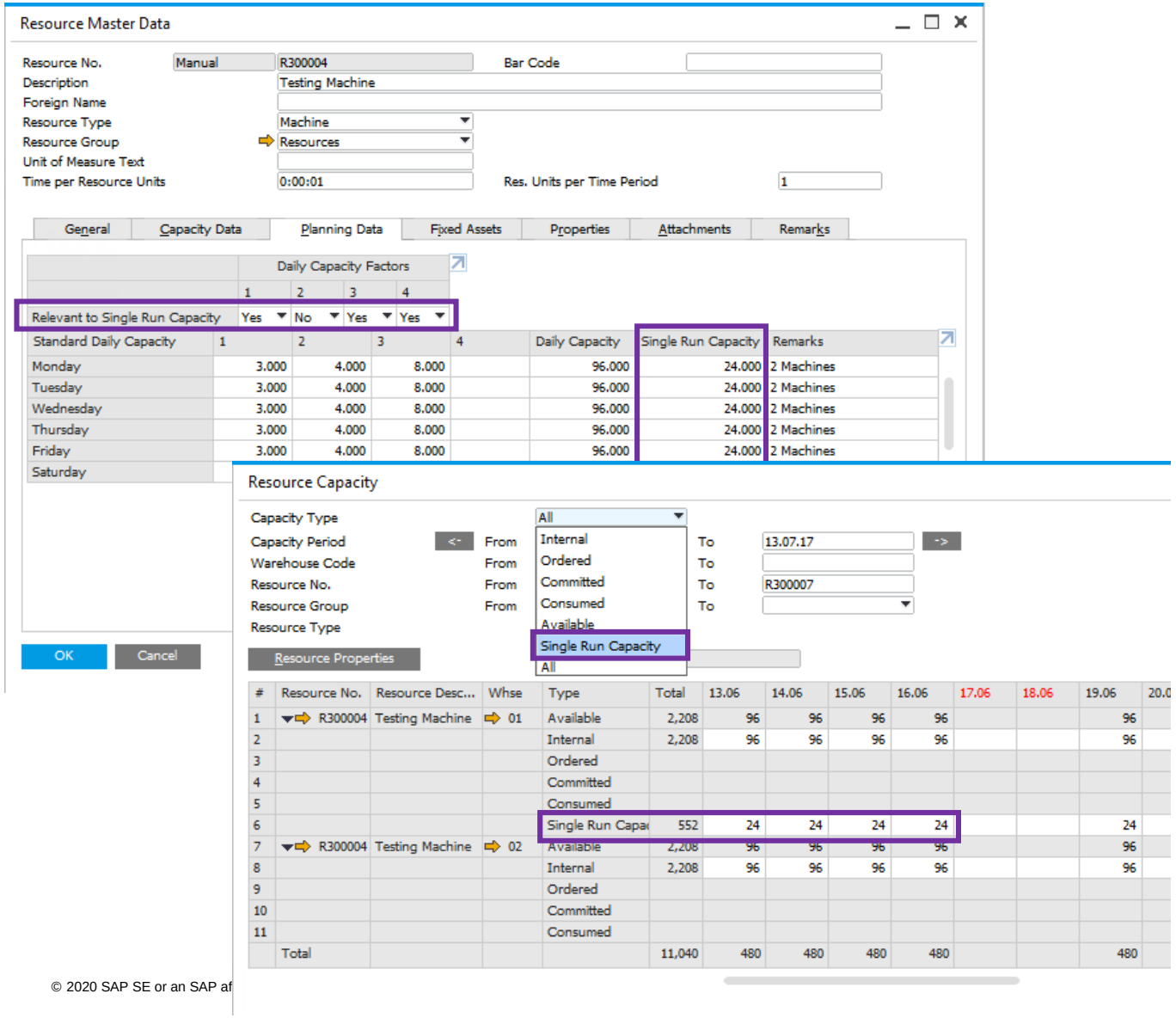
- More transparency, increased productivity, and enhanced usability.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Production

SAP Business One 9.3

Resource Capacity



Feature

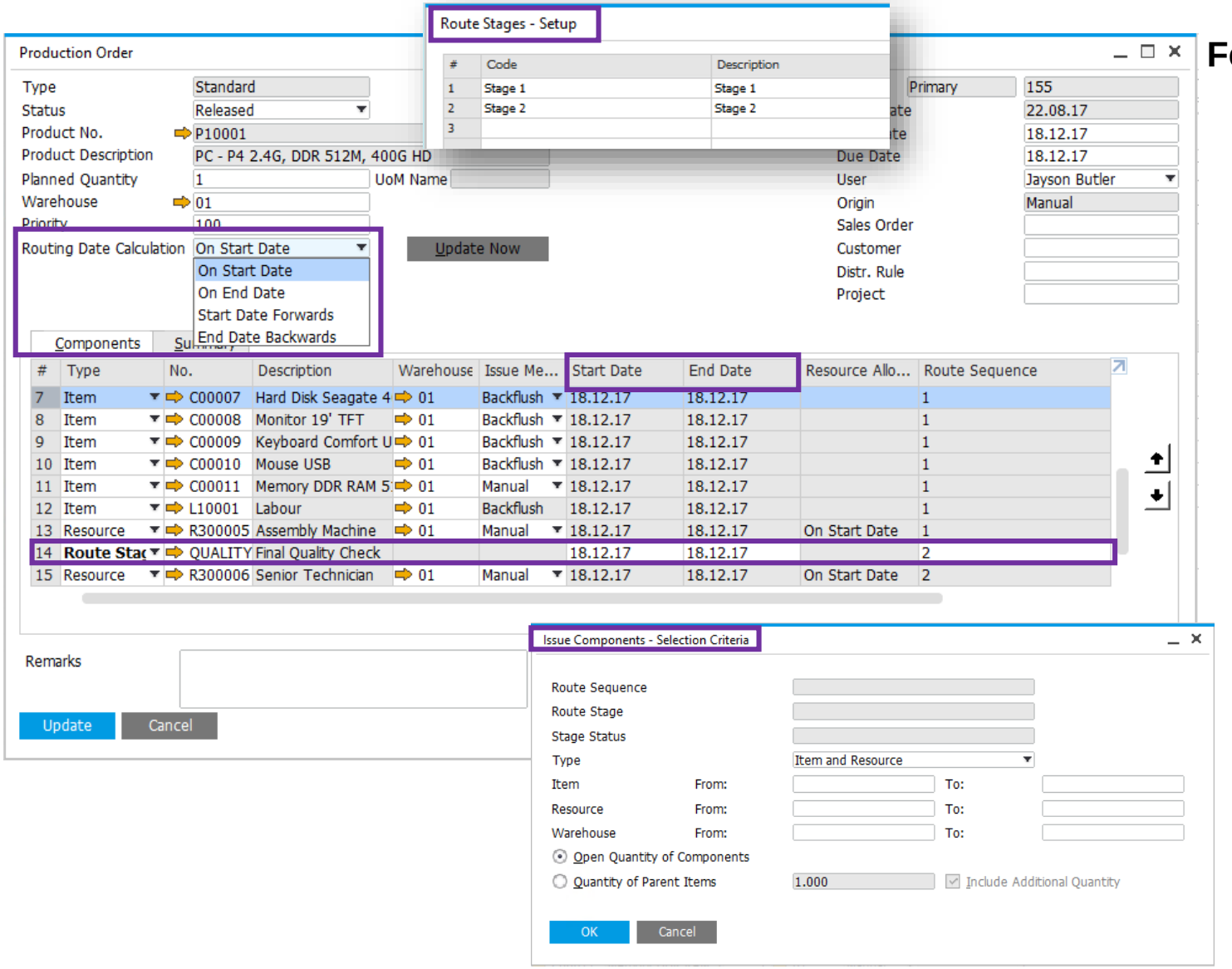
- Supports Single Run Capacity which is the available daily capacity of a single resource unit, assuming a Production Order can only be produced on one resource unit at a time.
- Ability to calculate Single Run Capacity by including and/or excluding Daily Capacity Factors.
- Ability to set daily capacity 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.

© 2020 SAP SE or an SAP af

Production Routing

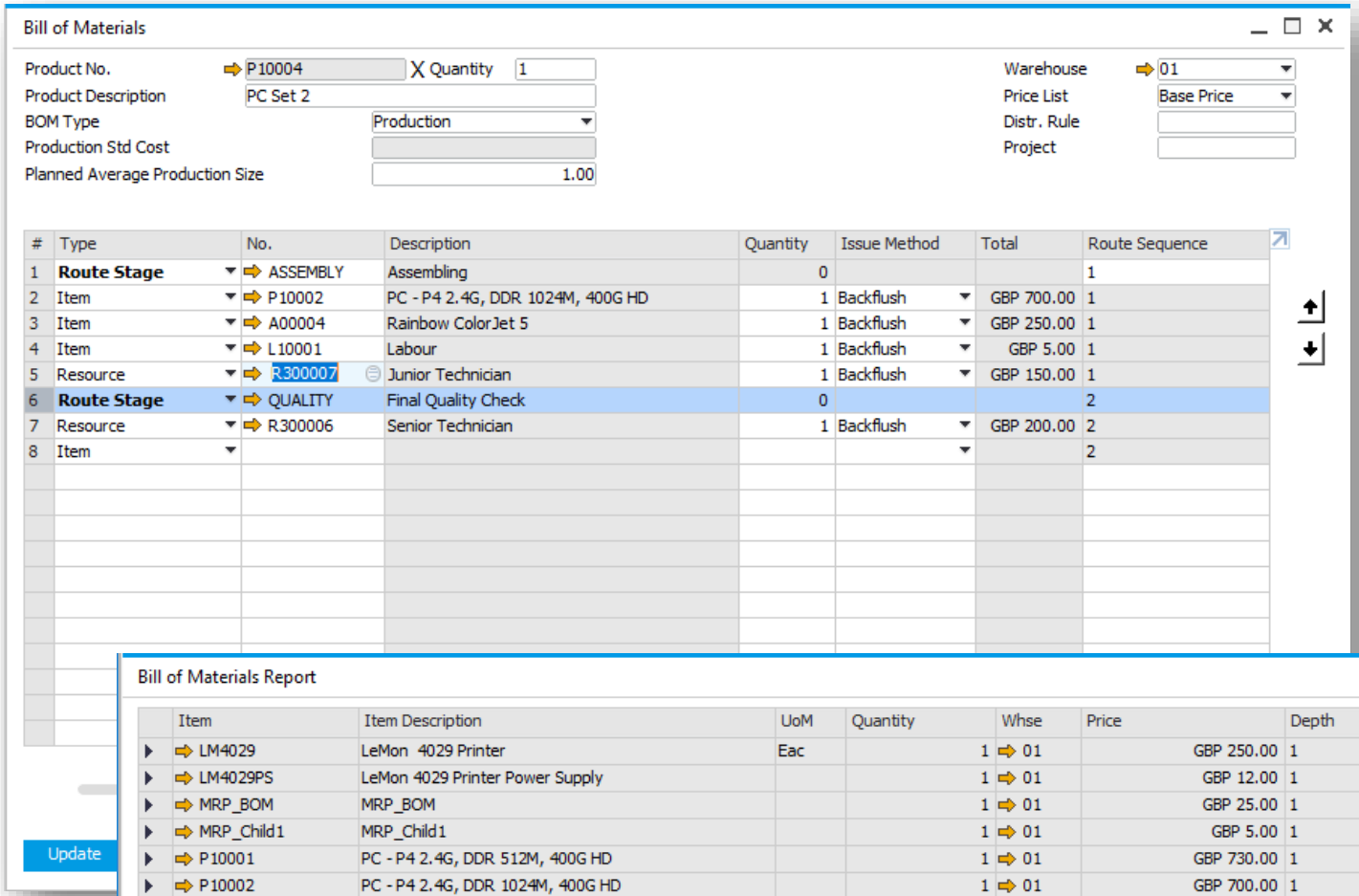


Feature

- 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.

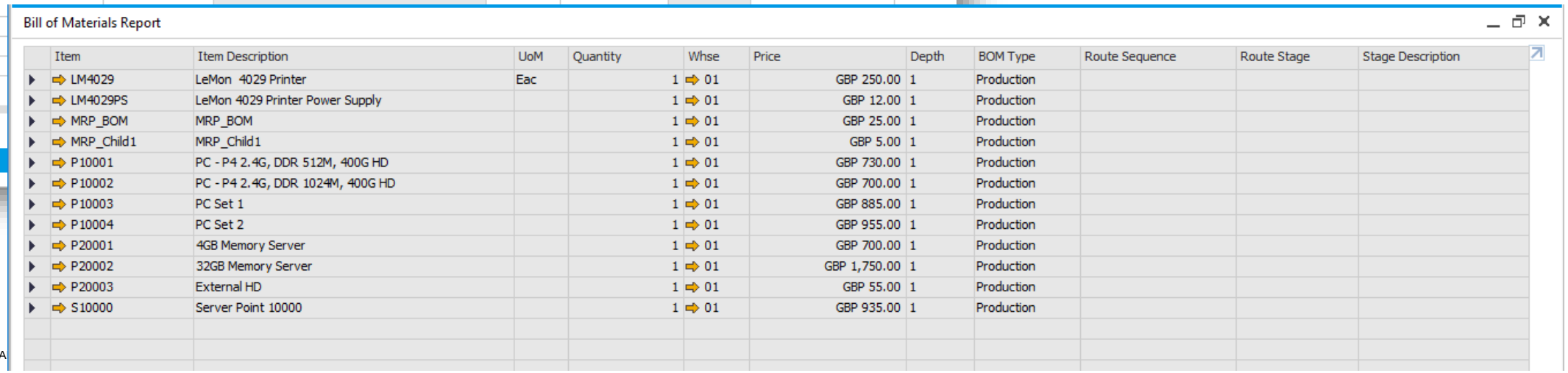
© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Production Routing & Bill of Materials



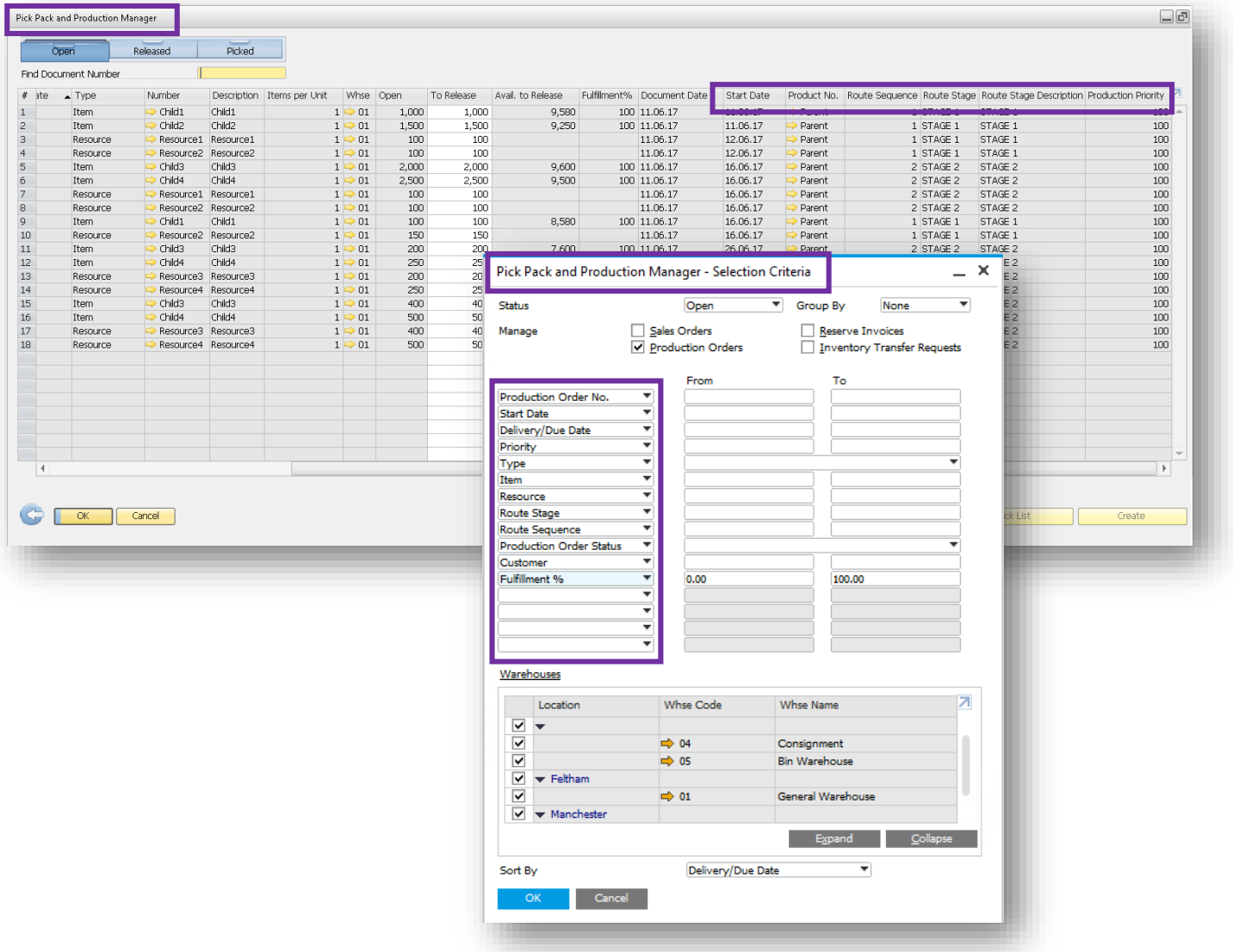
Feature

- 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.



© 2020 SA

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.

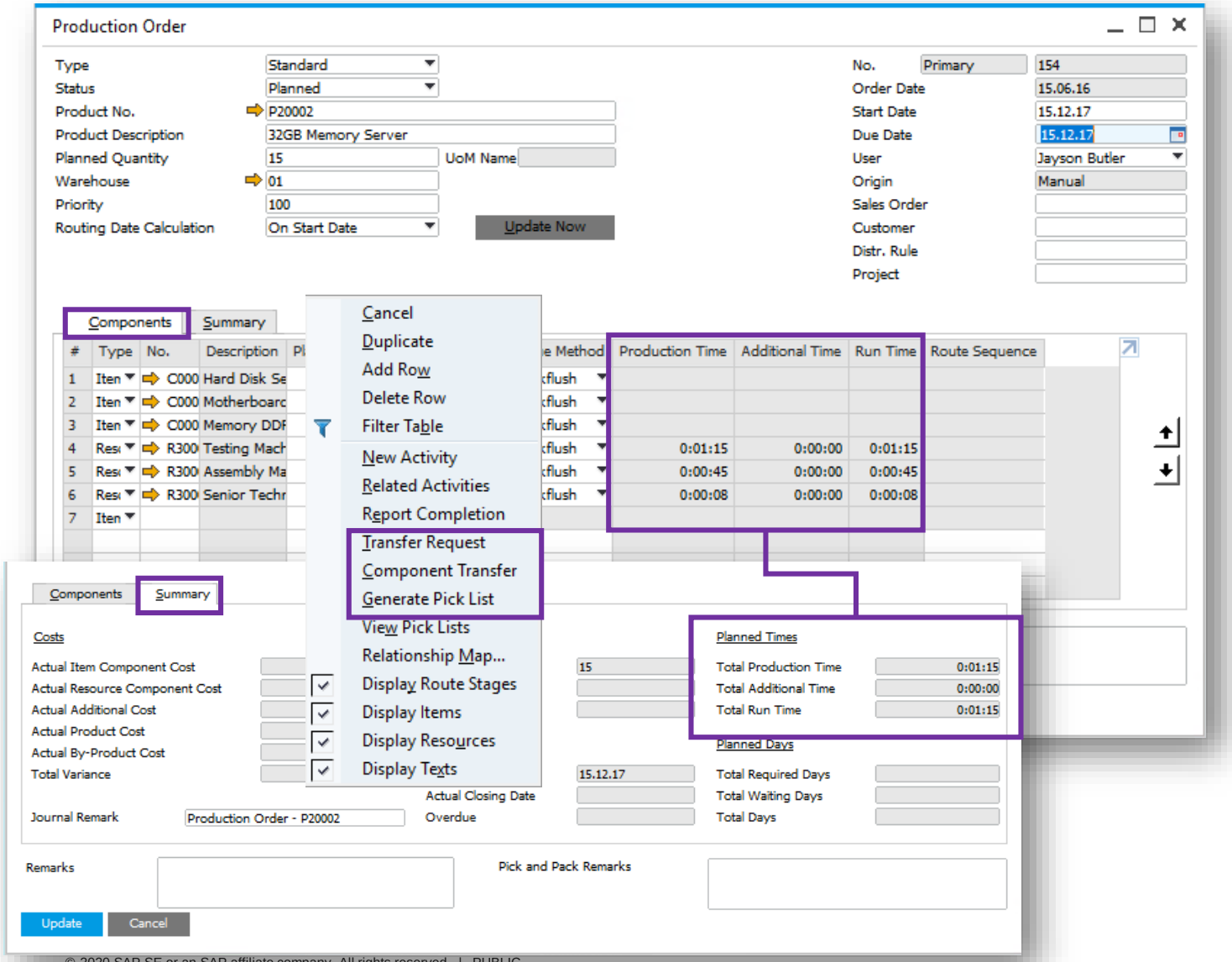
Benefit

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Production Routing

PL01



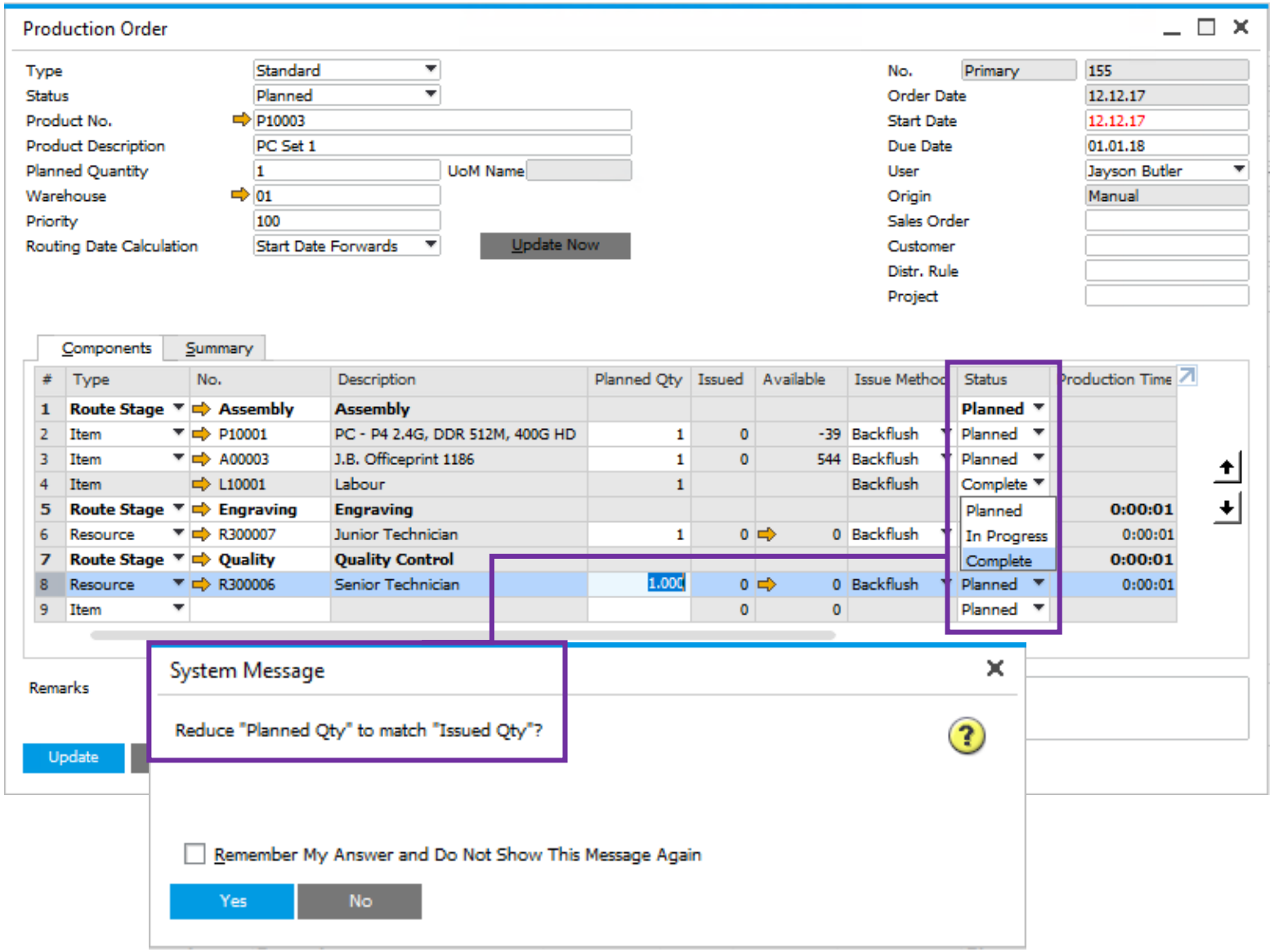
Feature

- 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
- See SAP Note 2560255

© 2020 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

Production Routing

PL02



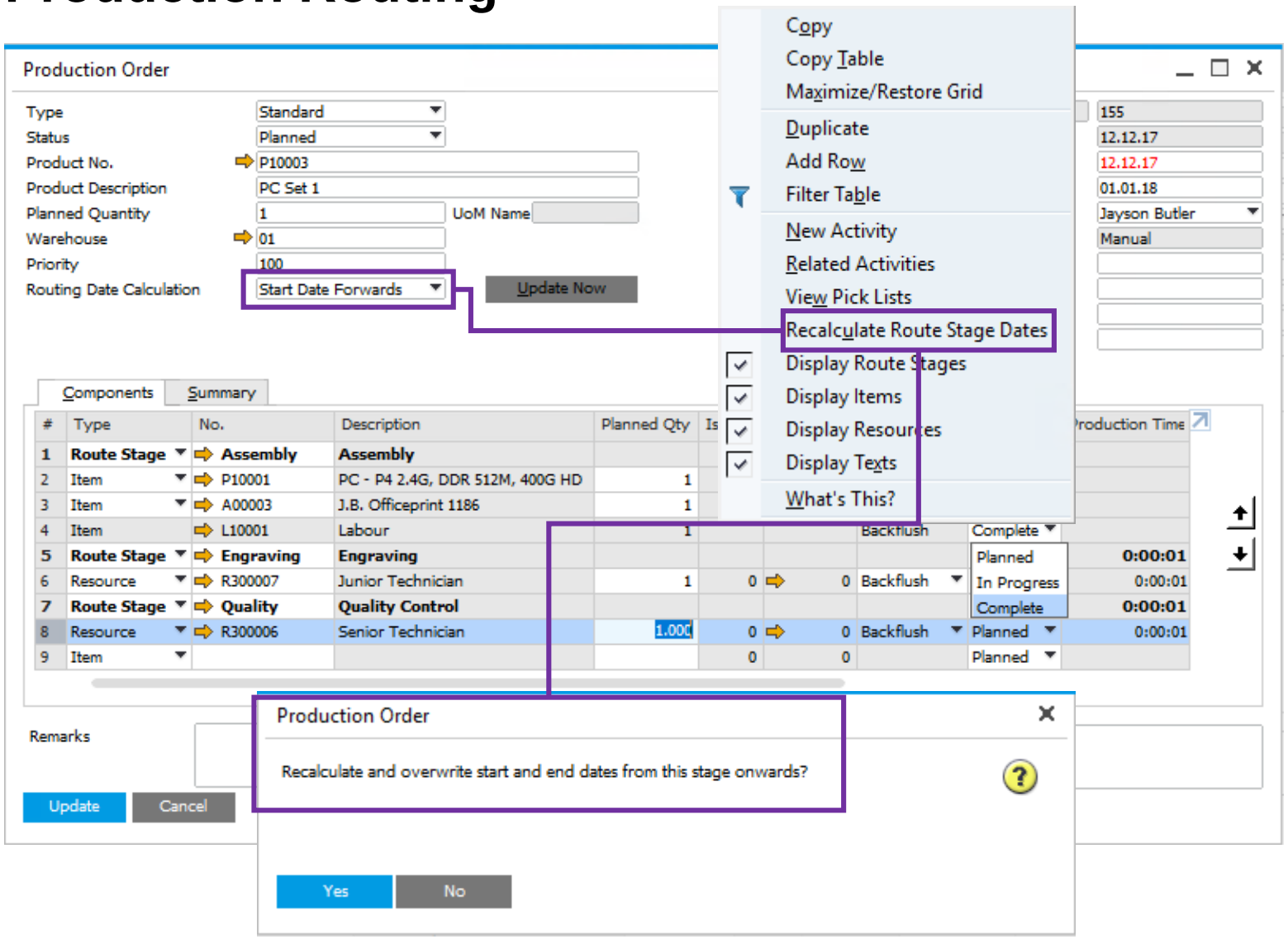
Feature

- 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
- See SAP Note 2547427

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Production Routing

PL02



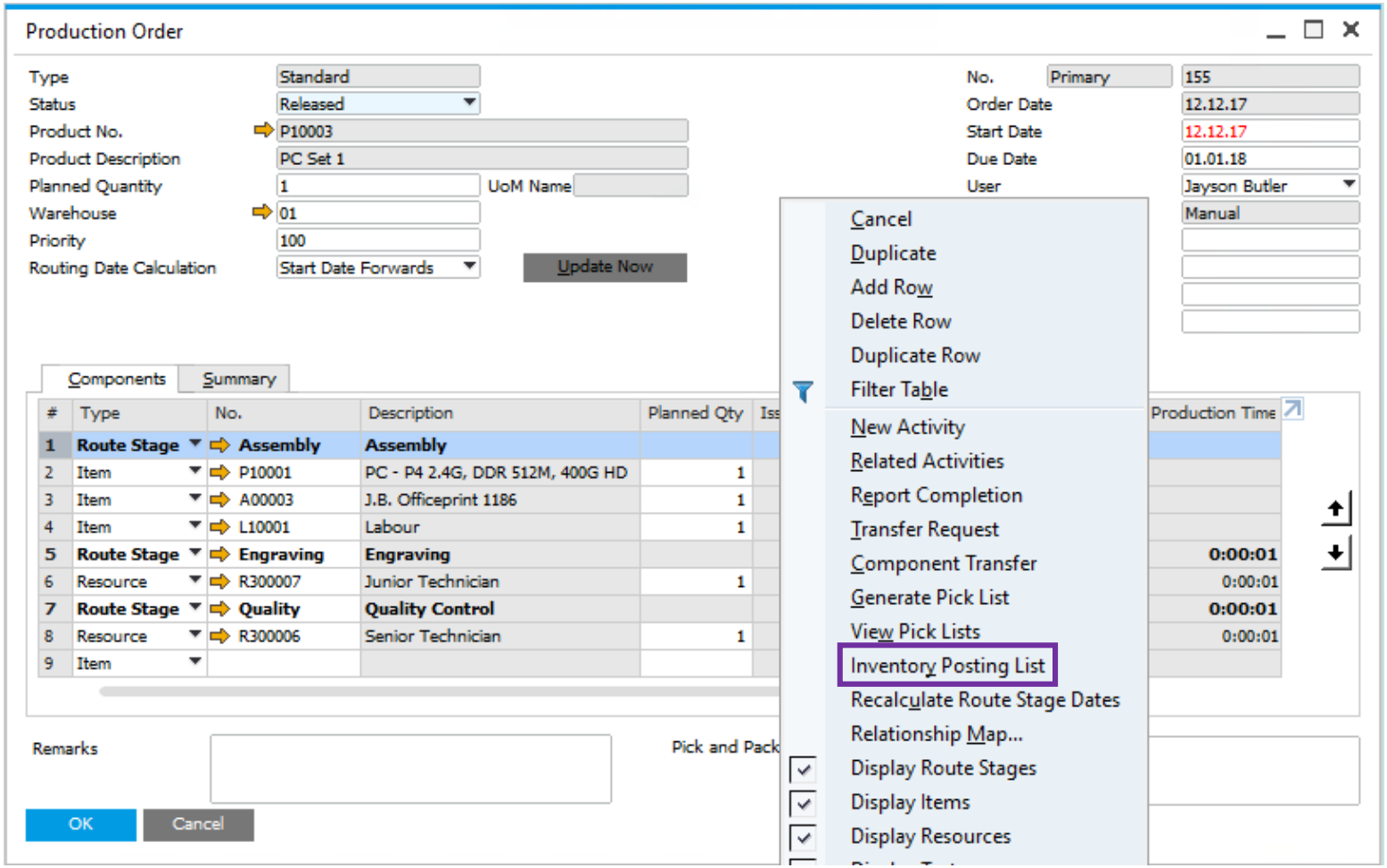
Feature

- 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.
- See SAP Note 2540739

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Production Routing

PL02



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.
- See SAP Note 2541298

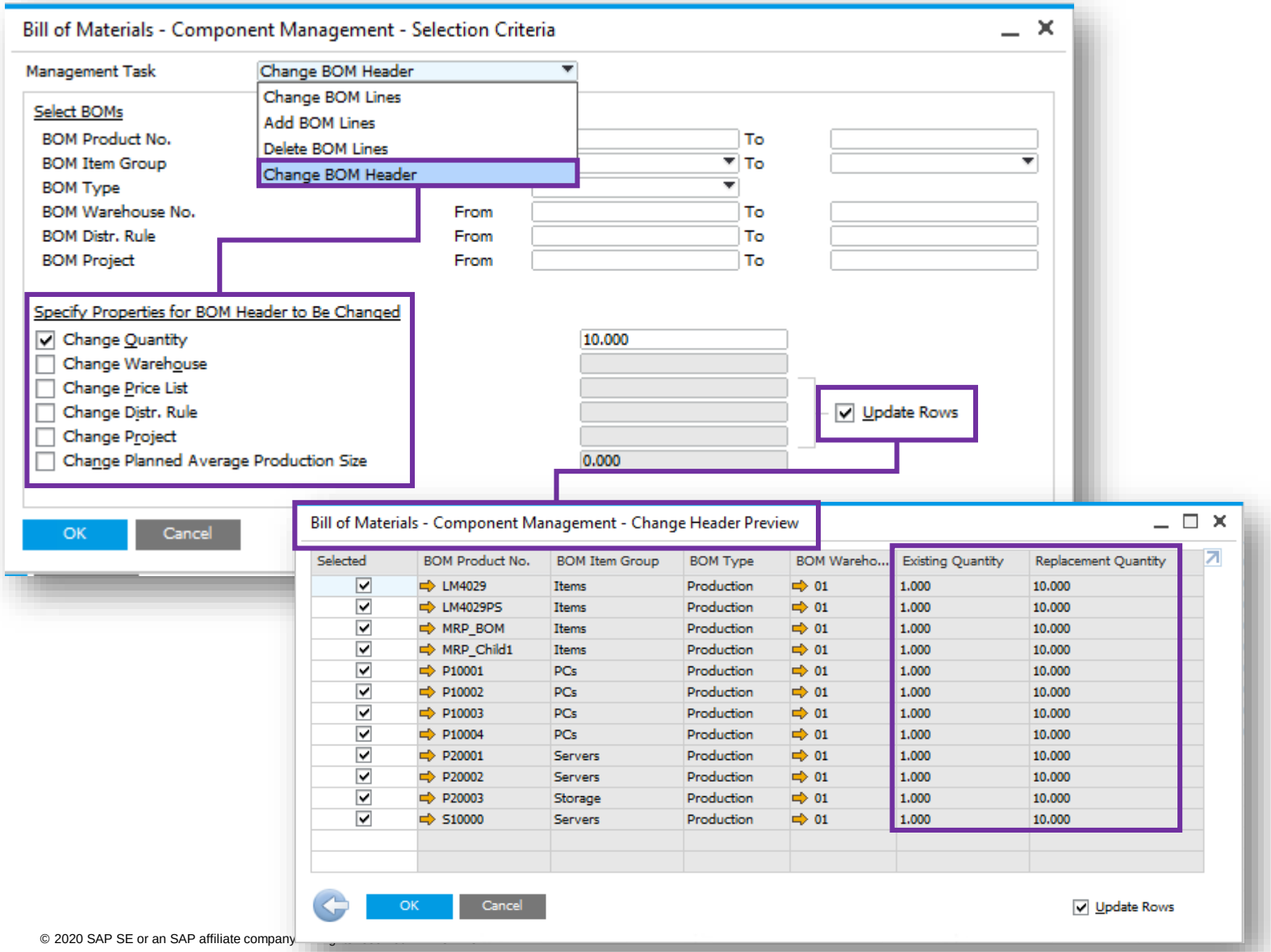
Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Bill of Material Component Management

PL02



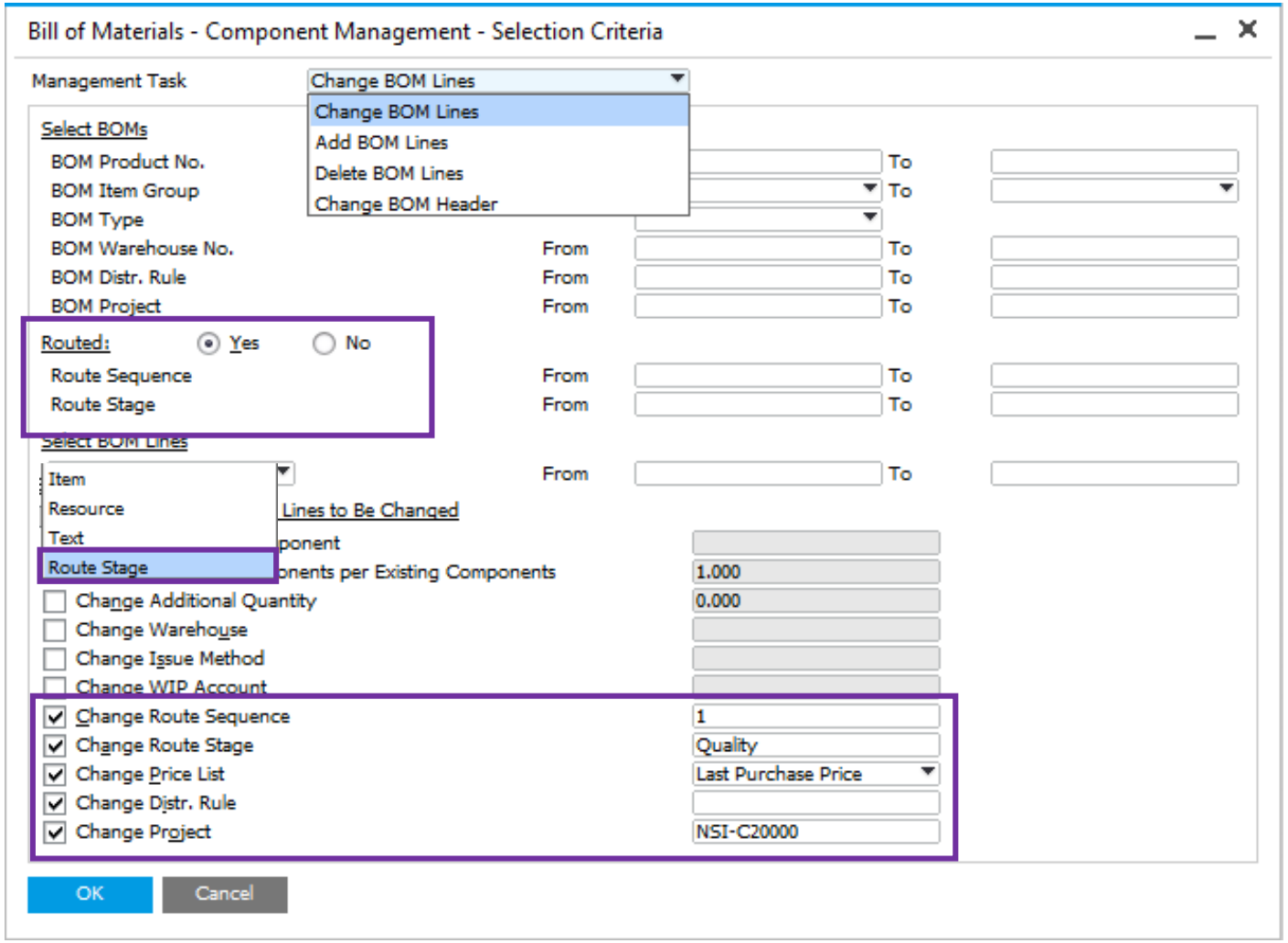
Feature

- 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.
- See SAP Note 2547484

© 2020 SAP SE or an SAP affiliate company

Bill of Material Component Management

PL02



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.
- See SAP Note 2547484

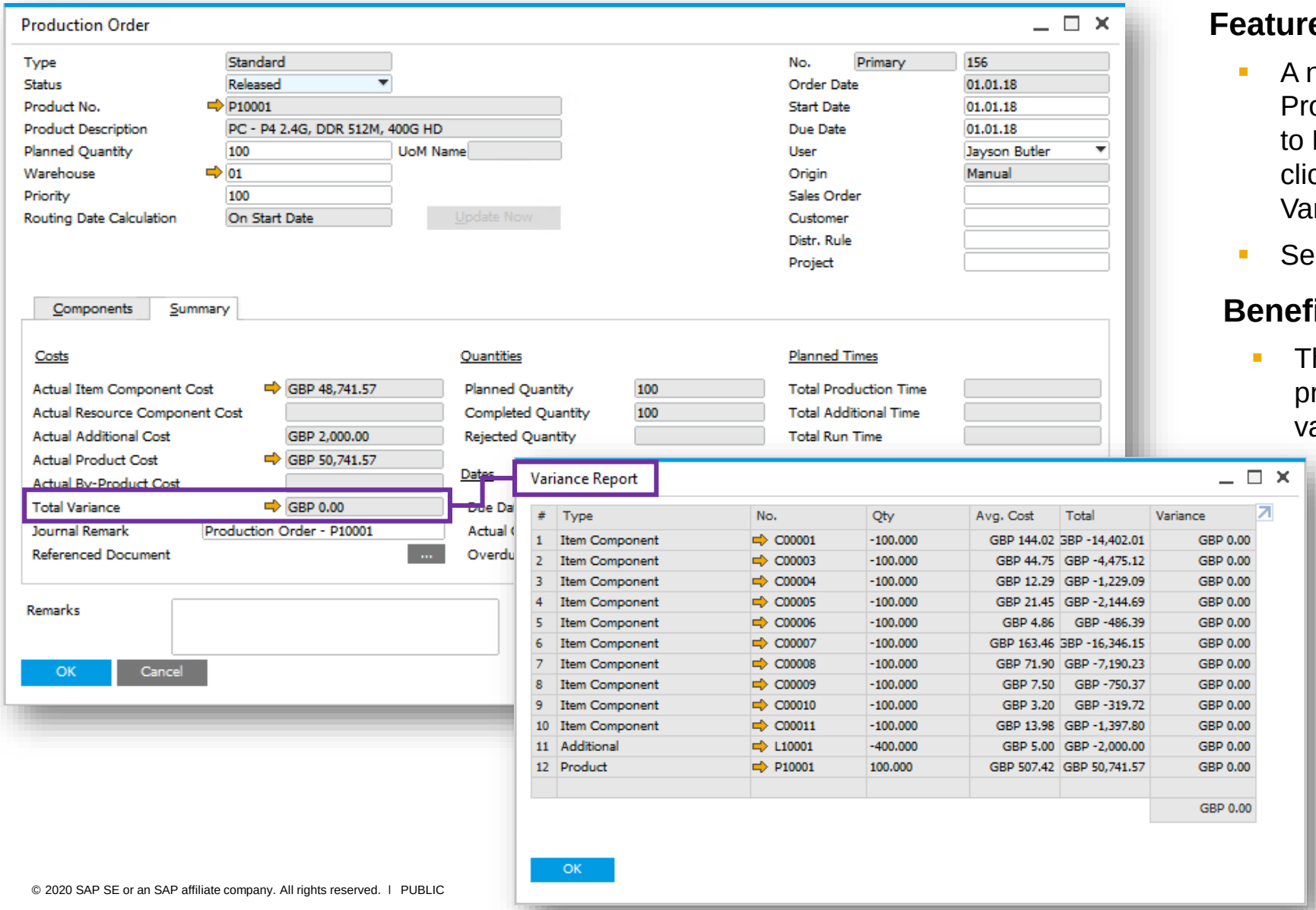
Benefit

- BOM Component Management now supports route stages.
- Increased flexibility when specifying properties for BOM lines to be changed for items and resources.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Variance Report for Production Orders

PL02



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.
- See SAP Note 2557963

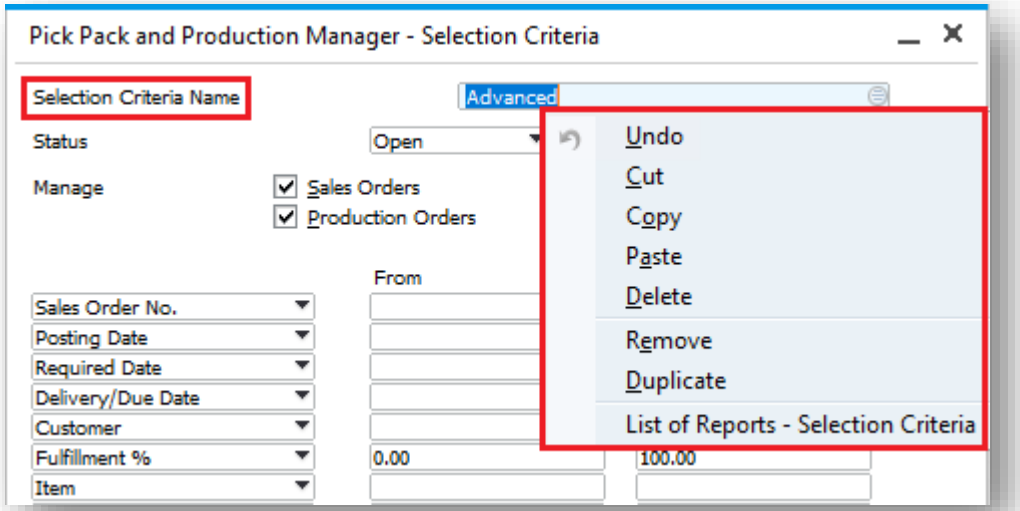
Benefit

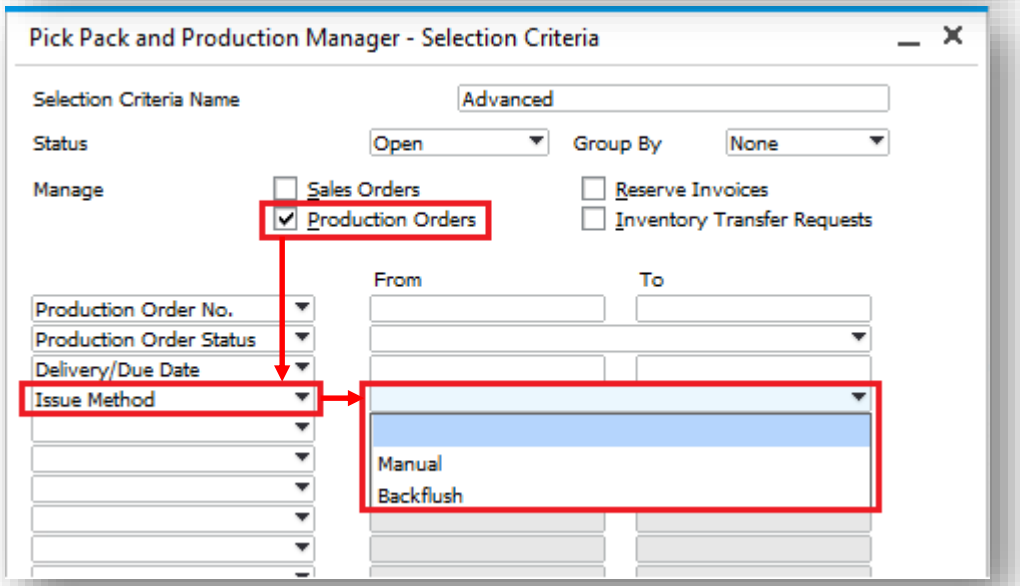
- The report shows the contribution of each production component to the final production variance for a selected Production Order.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Pick and Pack Selection Criteria Enhancement

PL05





Feature

- Selection Criteria field added
  - Save multiple selection criteria
  - Duplicate/Remove templates
  - Update/Rename templates
- Additional filter “Issue Method” for production orders
- See SAP Note 2628805

Benefit

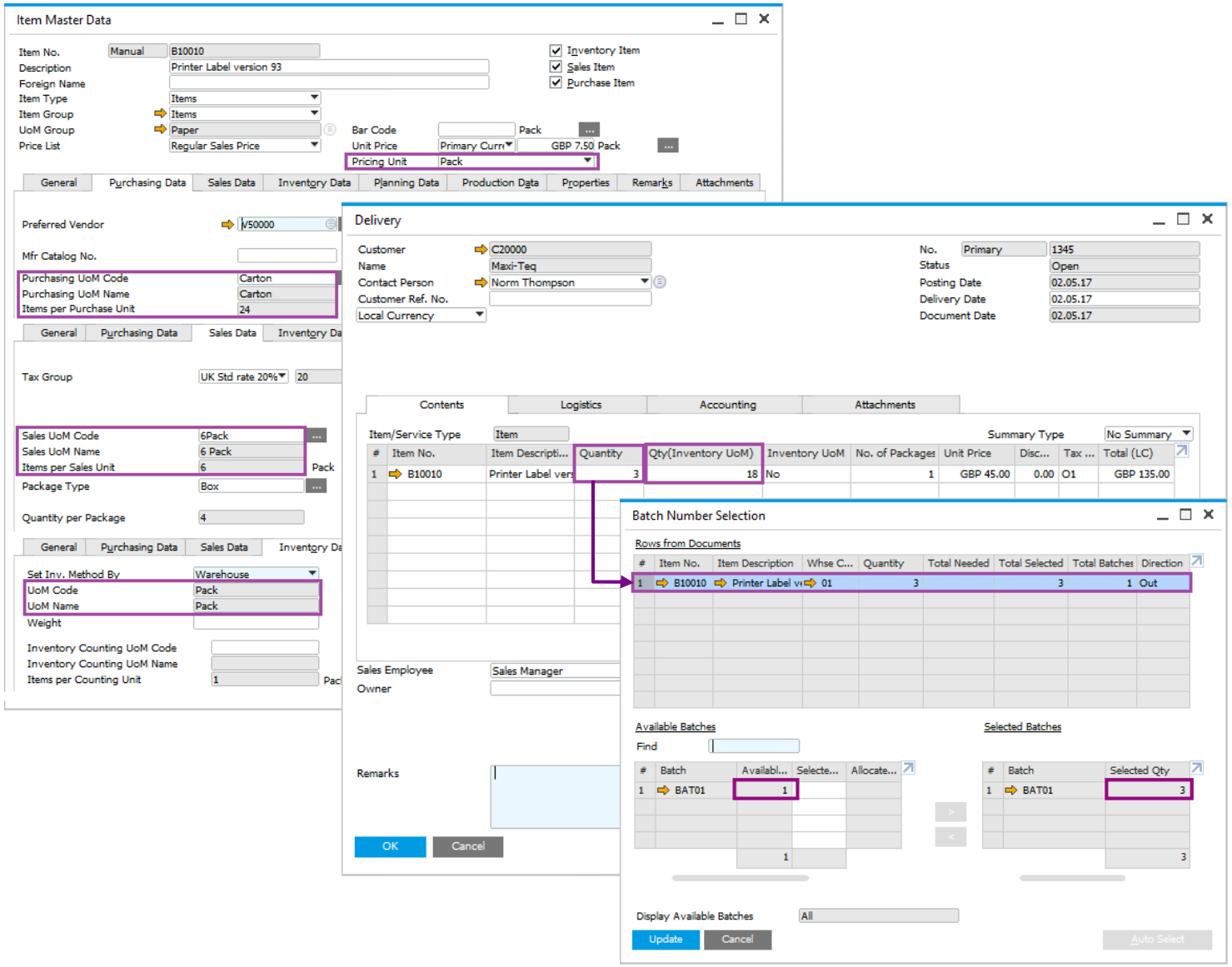
- Centrally set up default Selection Criteria
- Quickly select required selection criteria
- Target production orders that have a specific issue method

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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.

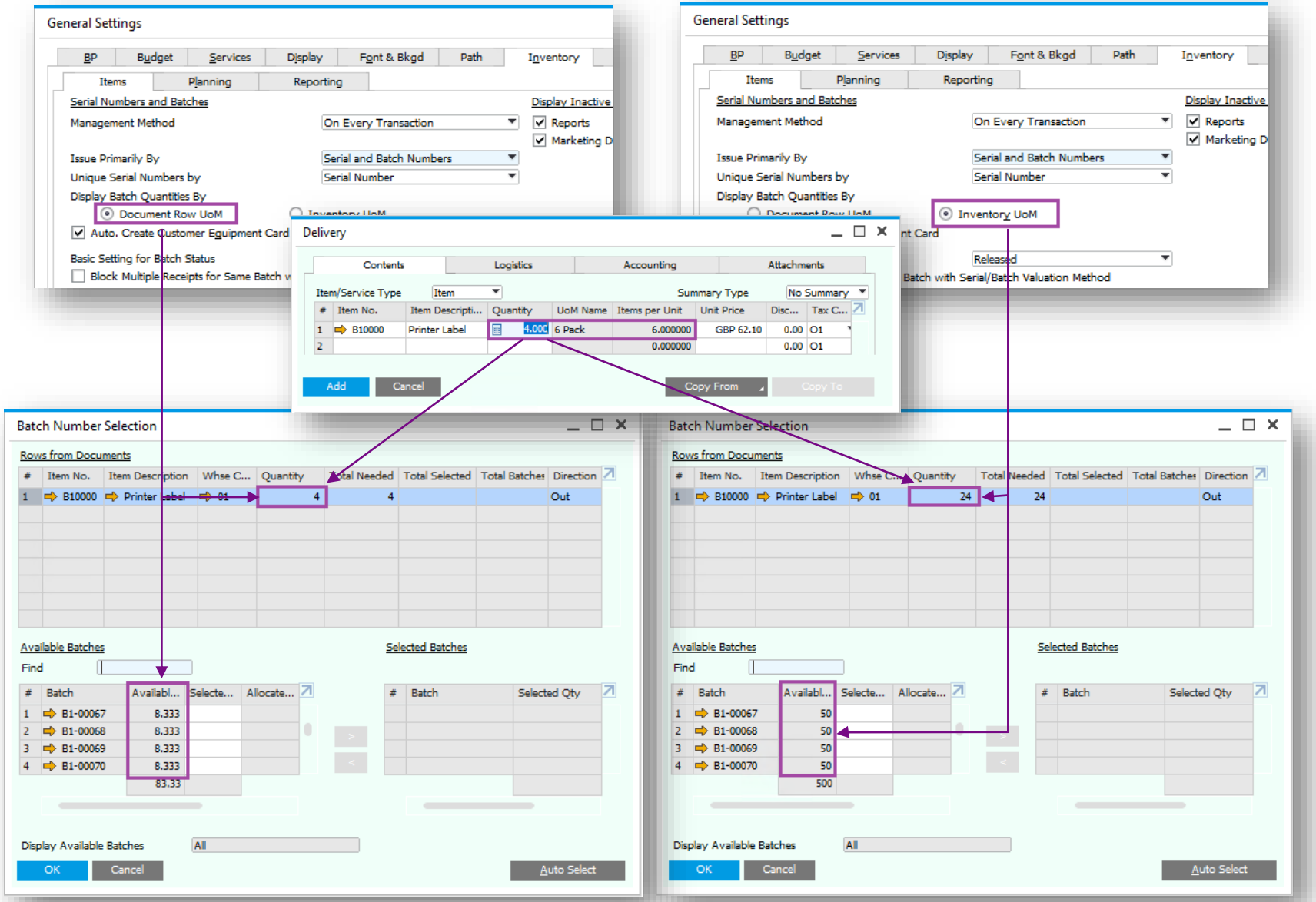
Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Global setting to control “Display Batch Quantities By”

PL01



Feature

- Global setting to drive best practice as maintained in the organization.
- Batch Unit of Measure (UoM) corresponds to Global setting.
- See SAP Note 2556800

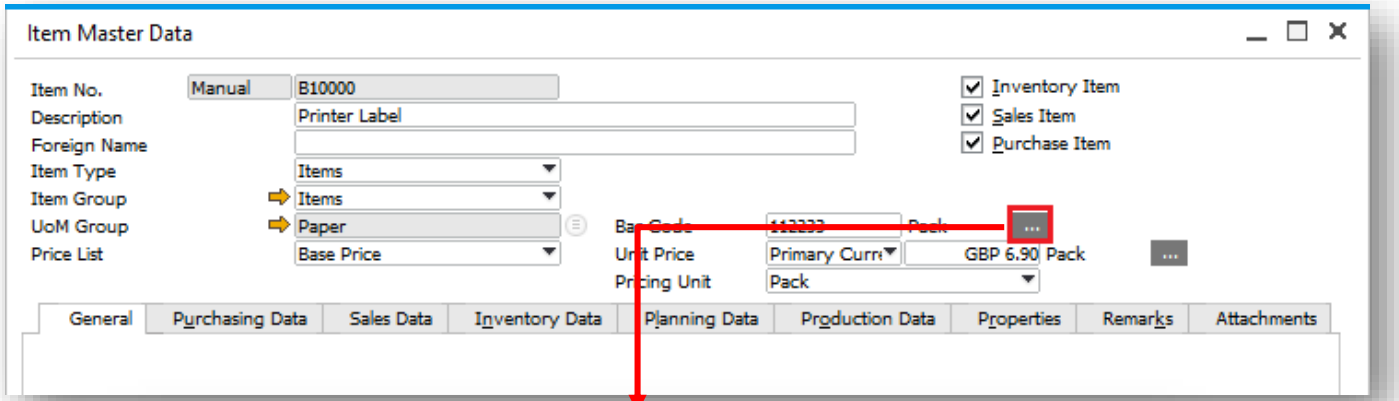
Benefit

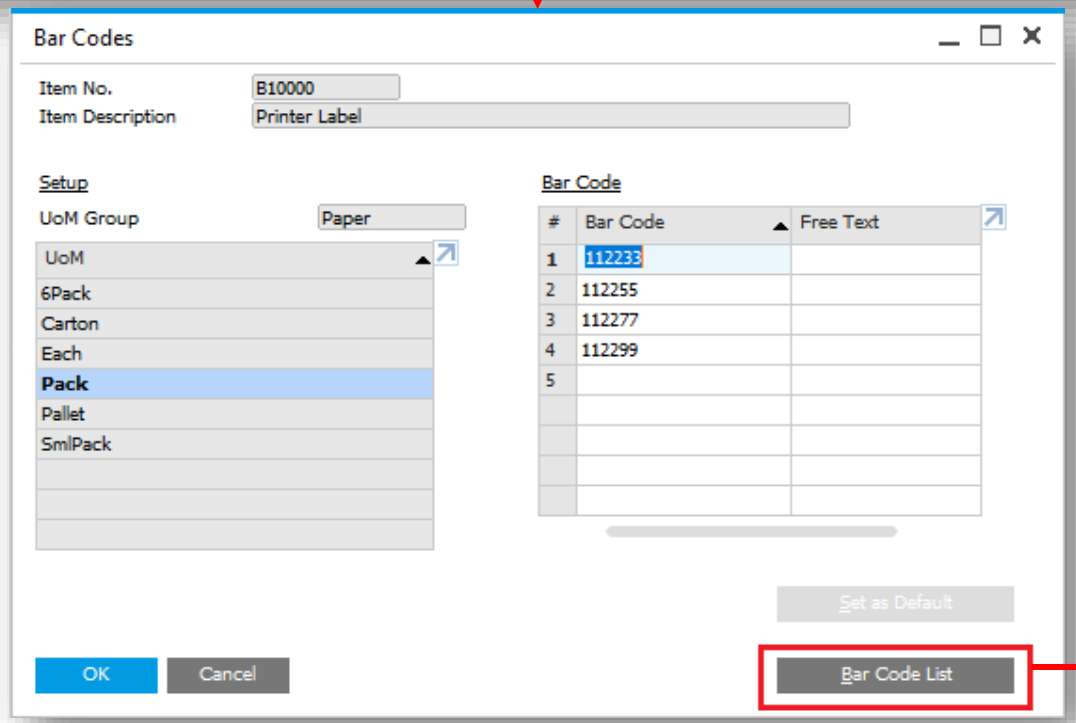
- Uniform usage throughout the organization.
- Increases efficiency.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Bar Code List Button Enabled on Bar Codes Form

PL05



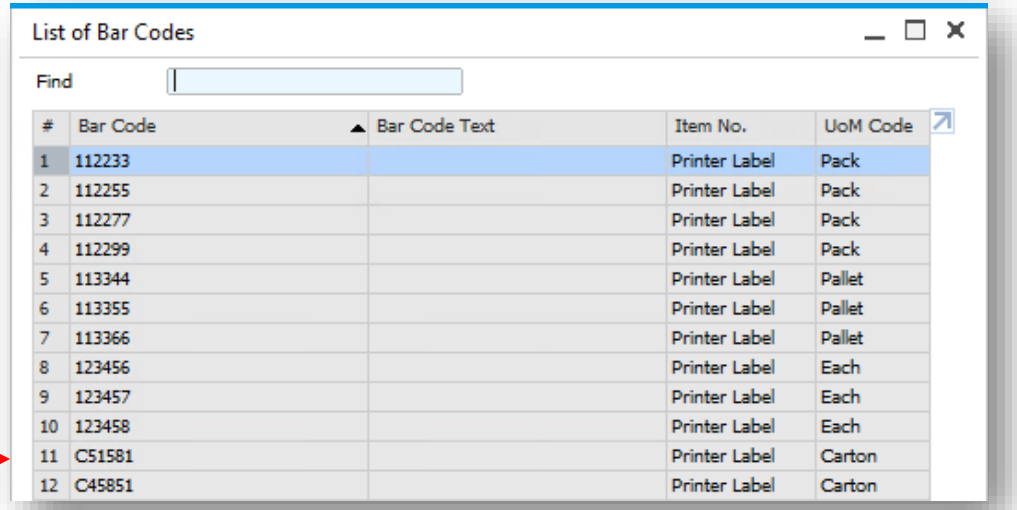


Feature

- Bar Code List button active in Bar Codes form activated from Item Master Data
- See SAP Note 2629578

Benefit

- Enables user to see all bar codes assigned to the UoM codes for the item



© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Inventory | Distribution

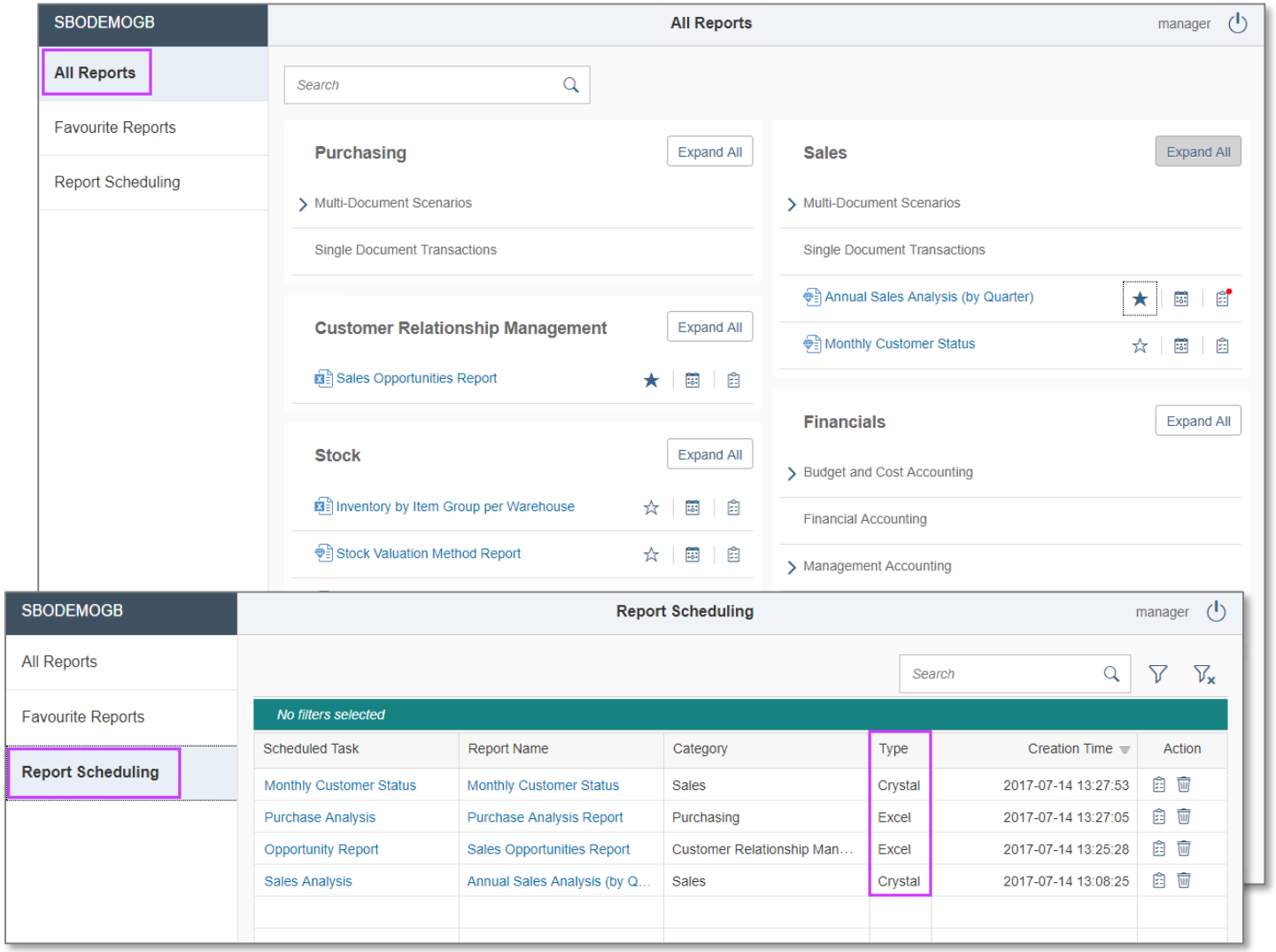
Feature	Description	Localization
Drop-Ship Warehouse in Template BOM	Drop-Ship warehouse is now available to be chosen in a BOM of type Template.	All

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Business Intelligence

SAP Business One 9.3

Analytical Portal (1/2)

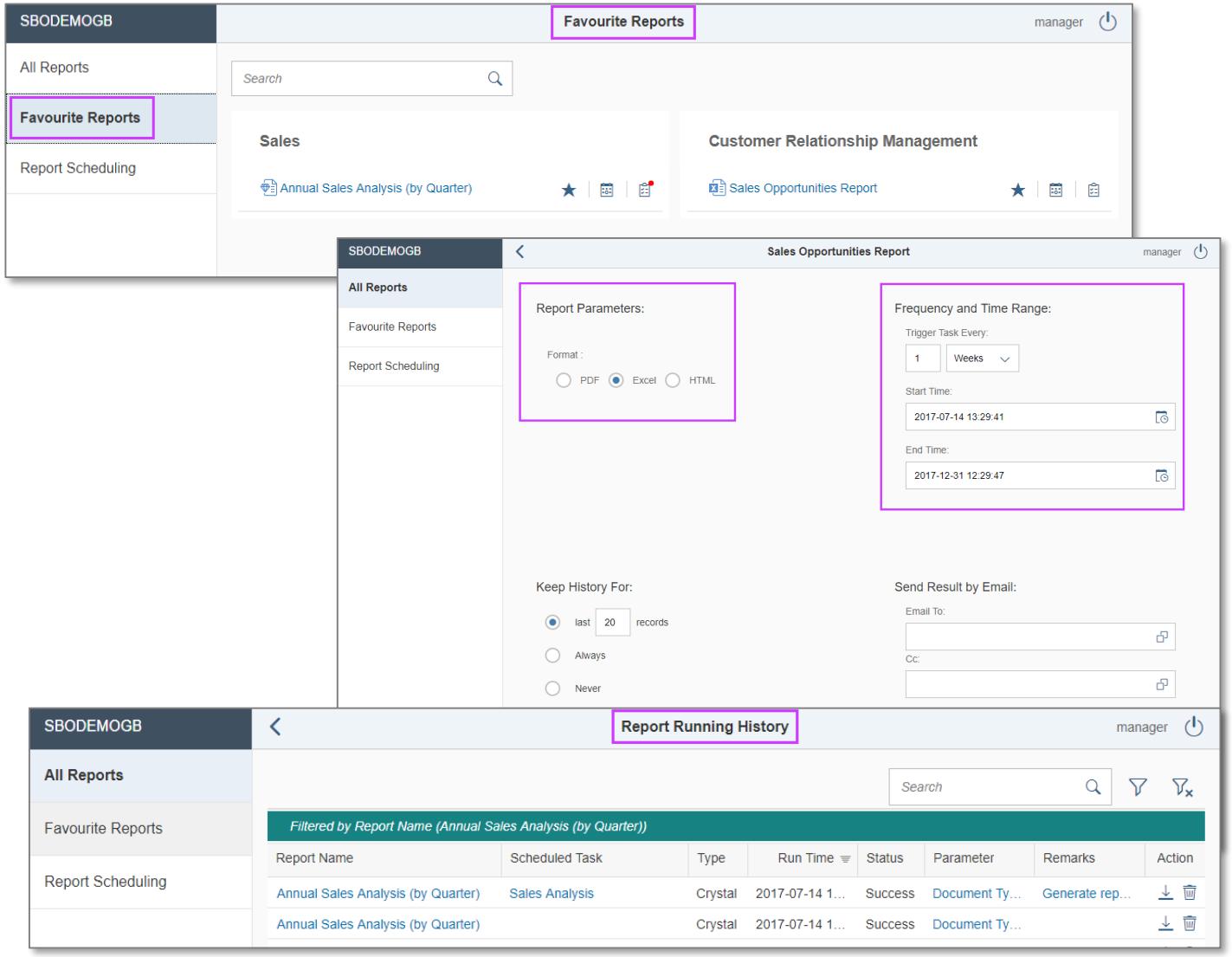


Feature

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Analytical Portal (2/2)



Feature

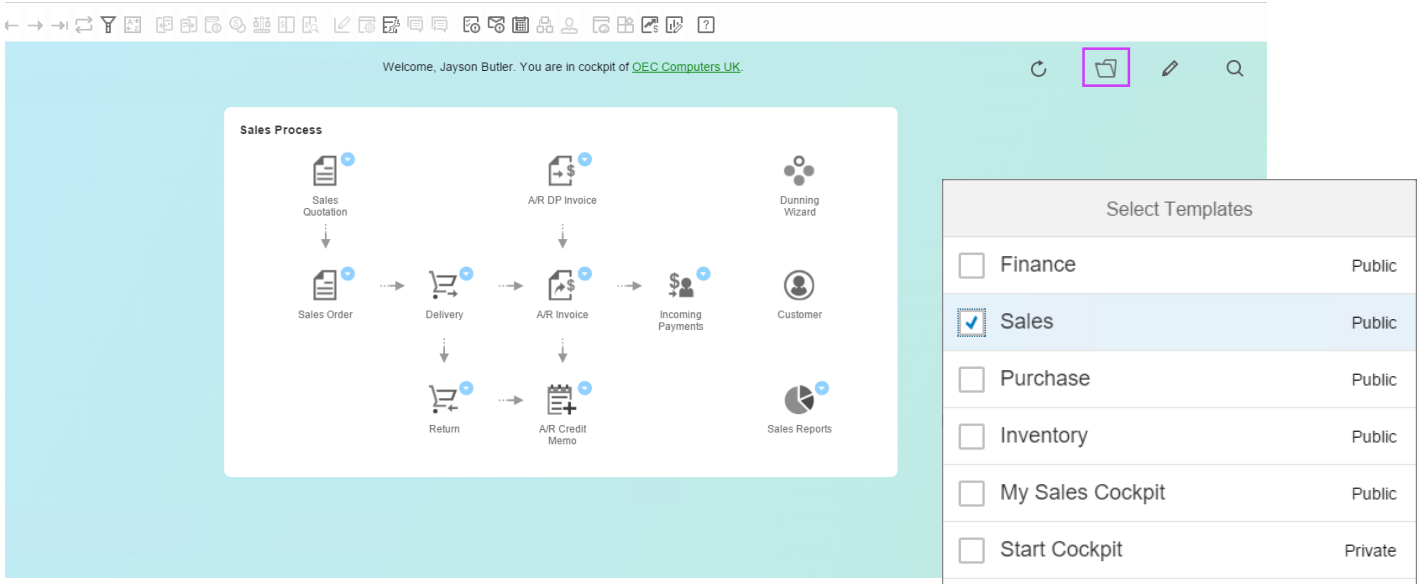
- Favorite Reports tab appears when a minimum of one report is marked as a favorite.
- Documents can be downloaded directly, or scheduled (daily, weekly, monthly) and sent via mail.
- Report runs (scheduled or manual) are saved in the Report History area:
  - Information like report name, type, start 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.

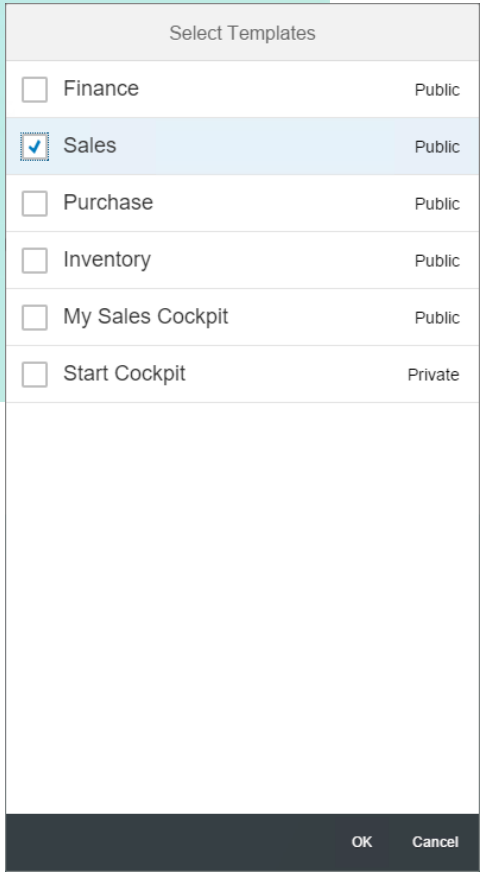
Benefit

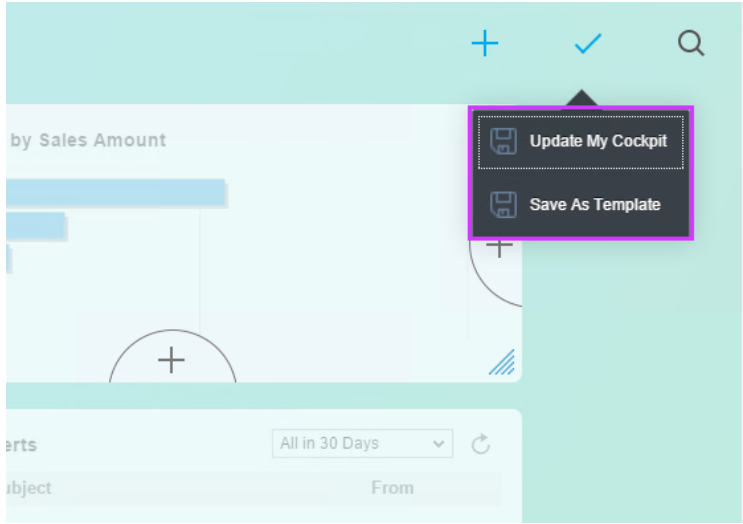
- Provides an overview of scheduled reports and historical data.
- Documents can be scheduled and are available on different devices.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

New Cockpit Templates 1/2







Feature

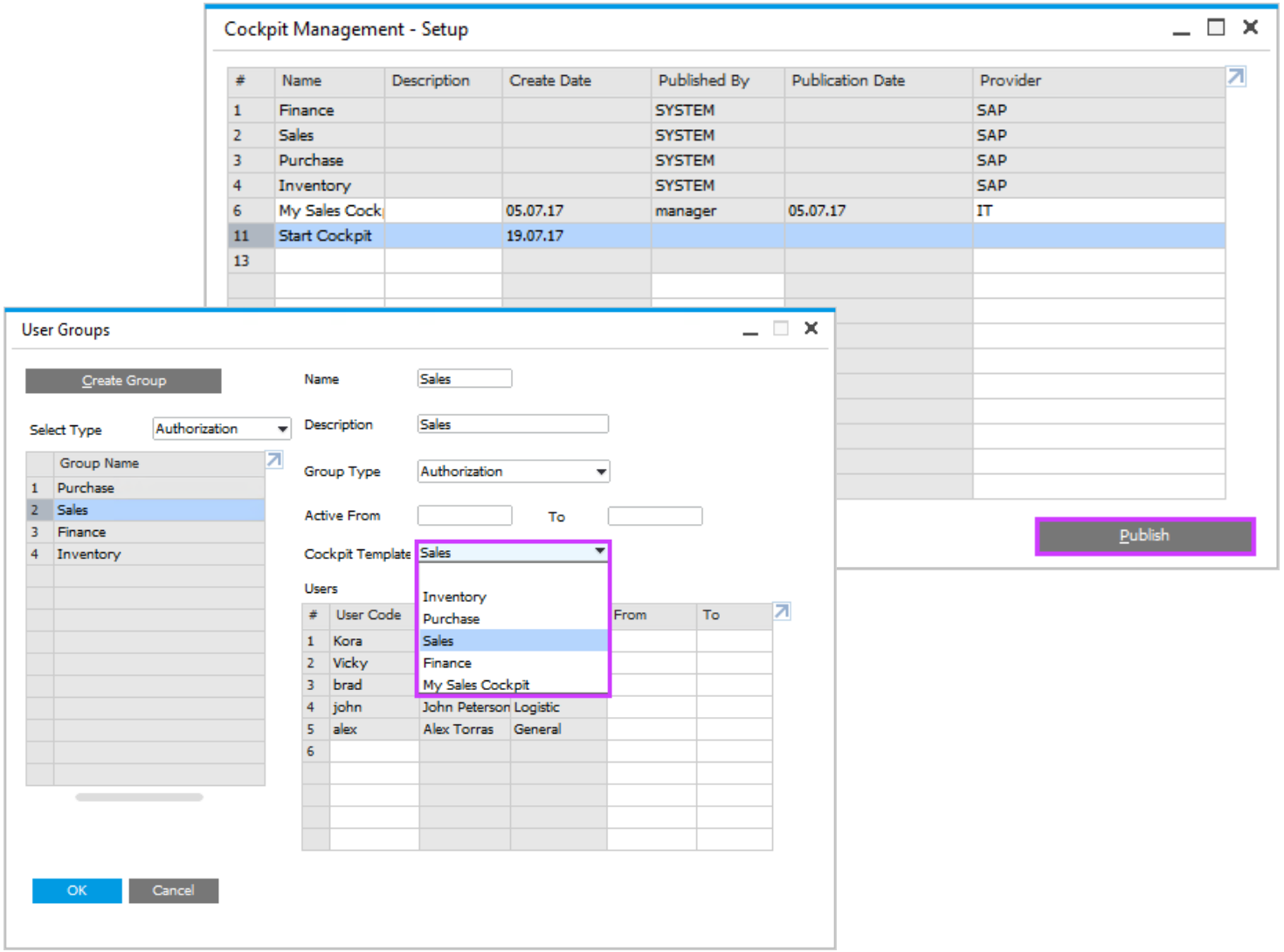
- New Cockpit Templates available for Finance, Sales, Purchase and Inventory
- Users can create own Cockpit Templates and set them as Public
- Selection of available Cockpit Templates via “Select Templates” button
- Choose the template which should be shown

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

New Cockpit Templates 2/2



Feature

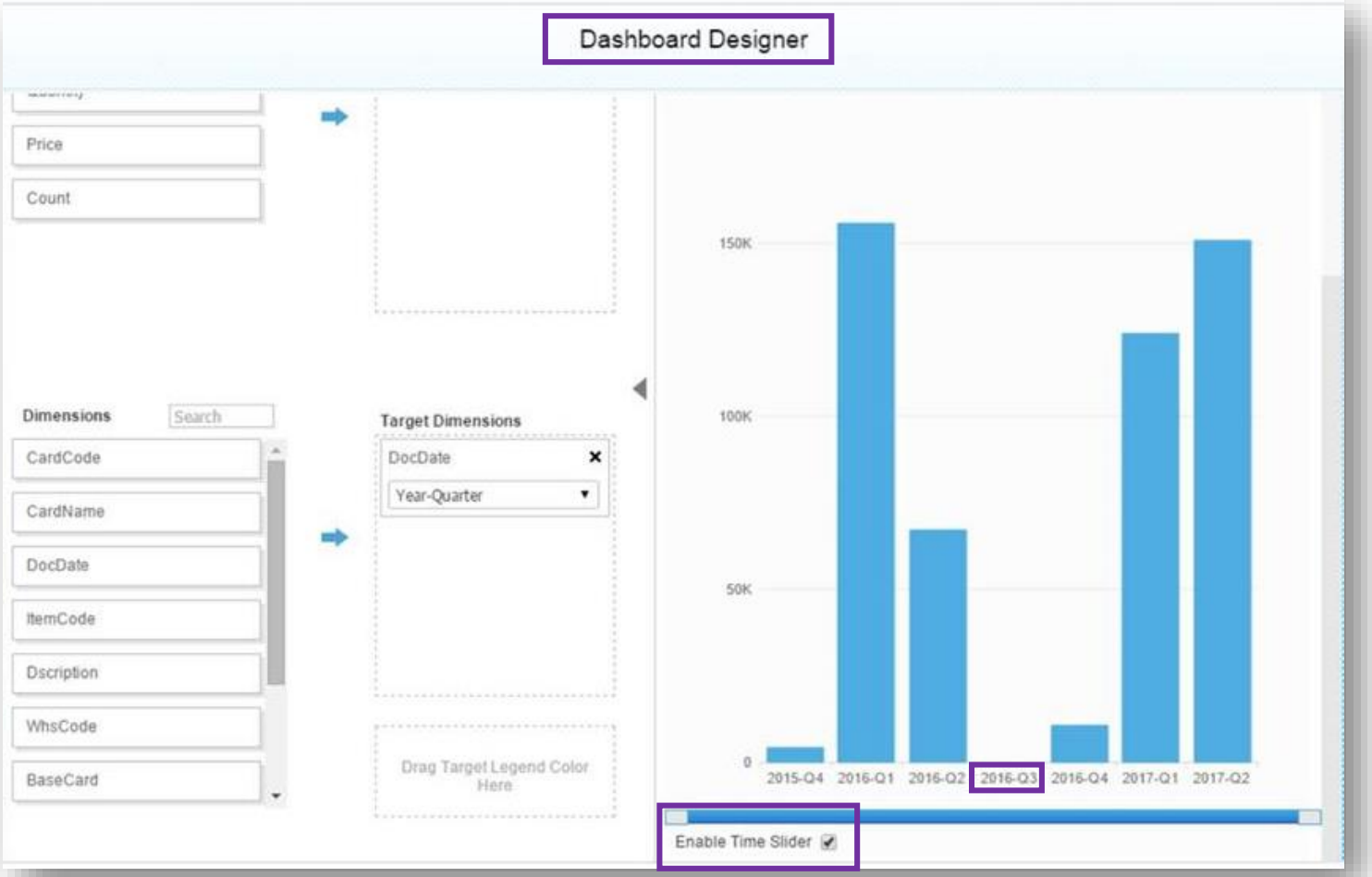
- Newly created Cockpit Templates can be published to all users
- To do this special authorization is necessary
- Cockpit template can be assigned by a power user to special user groups
- For each system authorization group a default Cockpit Template is available
- Only one template can be assigned to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

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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.

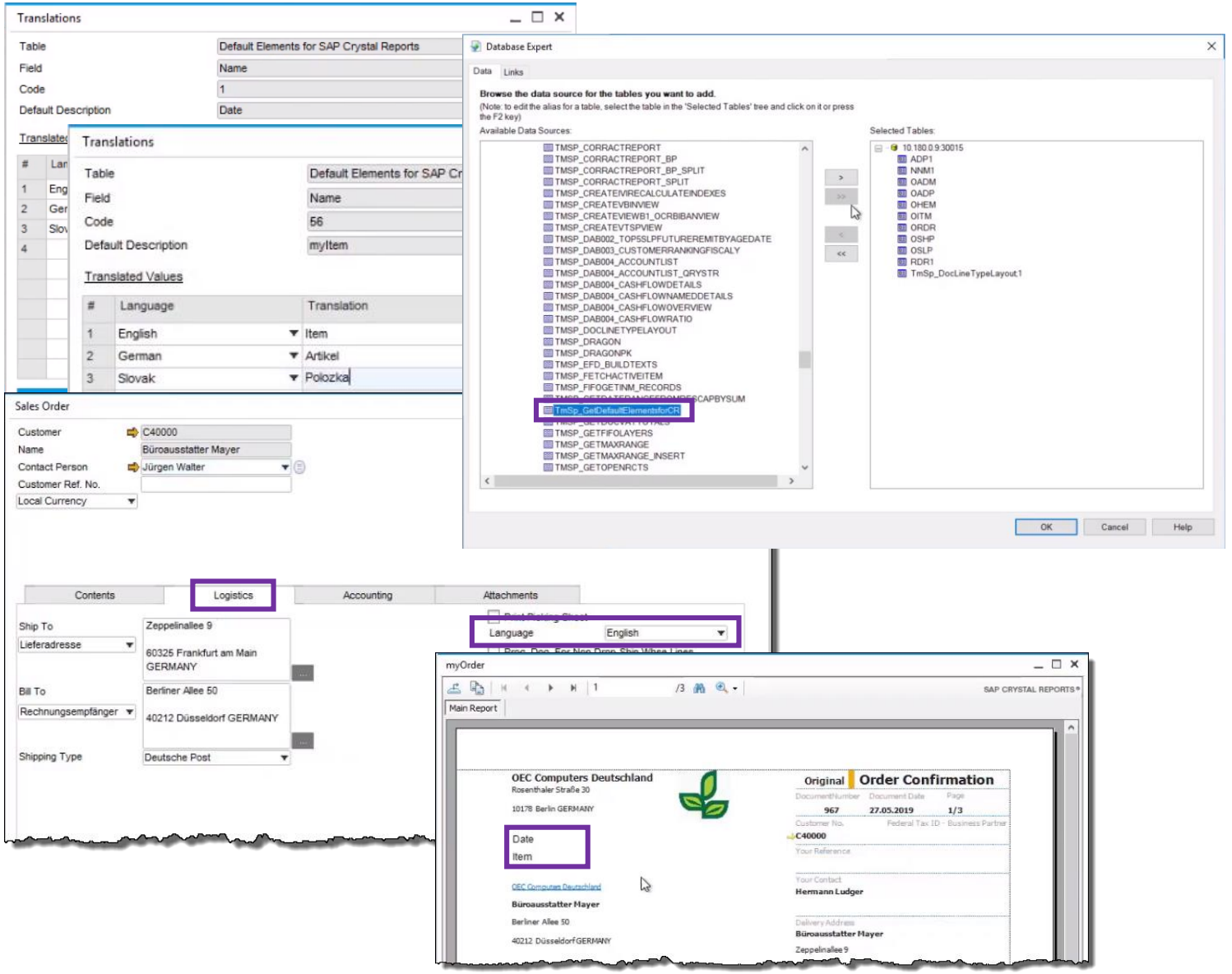
Benefit

- 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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Crystal Reports - Default Elements for Translations

PL10



Feature

- Maintain unified translation for Crystal Reports layouts
- According to different document languages
- In Crystal Reports layout new stored procedure *TmSP_GetDefaultElementsforCR* exposed
- In DI API the new object *DefaultElementsforCRService* is exposed
- See SAP Note 2785541 and YouTube video (link below)

Benefit

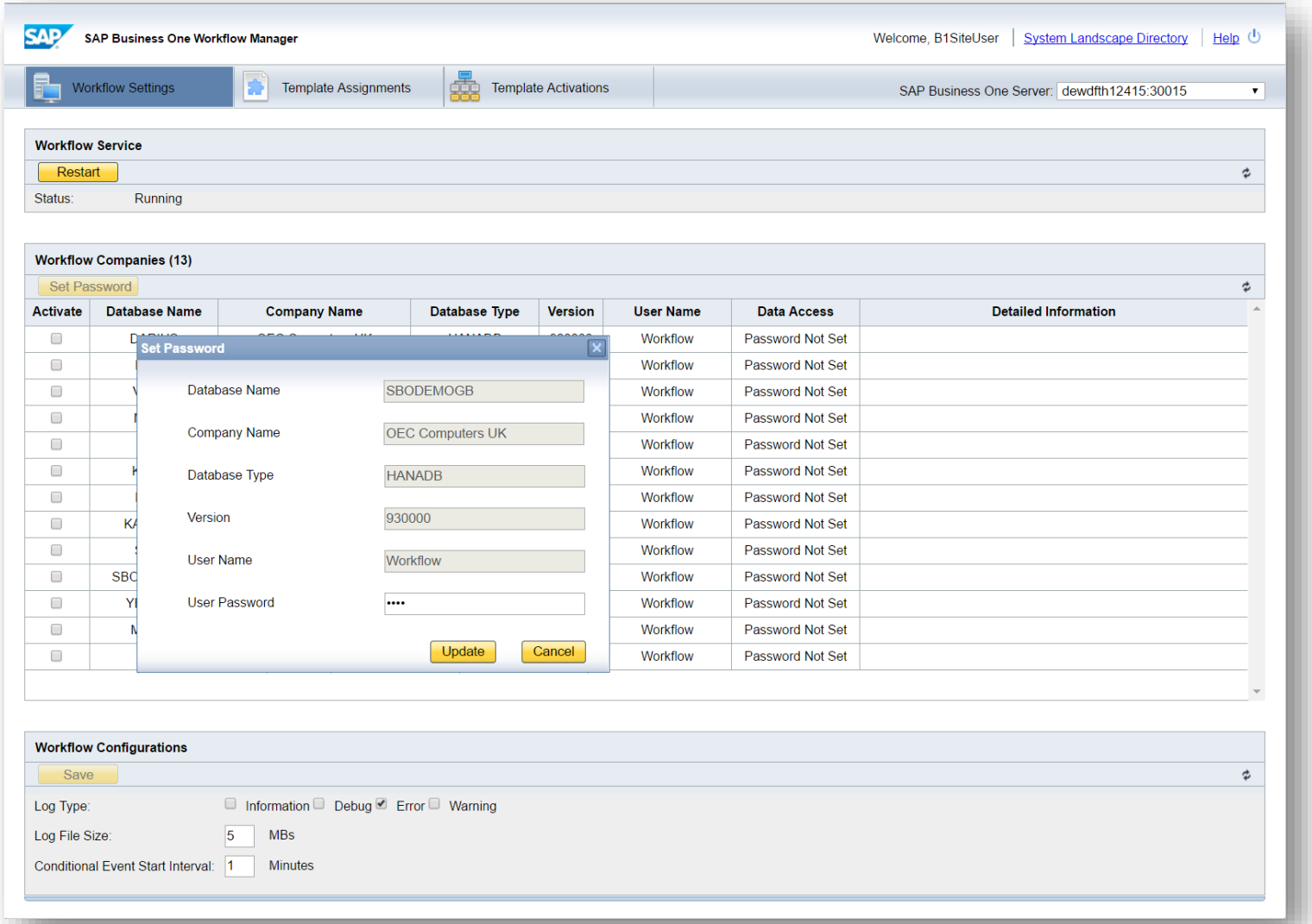
- SAP Crystal Reports layouts can be easily translated using the newly exposed feature

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Platform | Extensibility

SAP Business One 9.3

Web-based Workflow Management



Feature

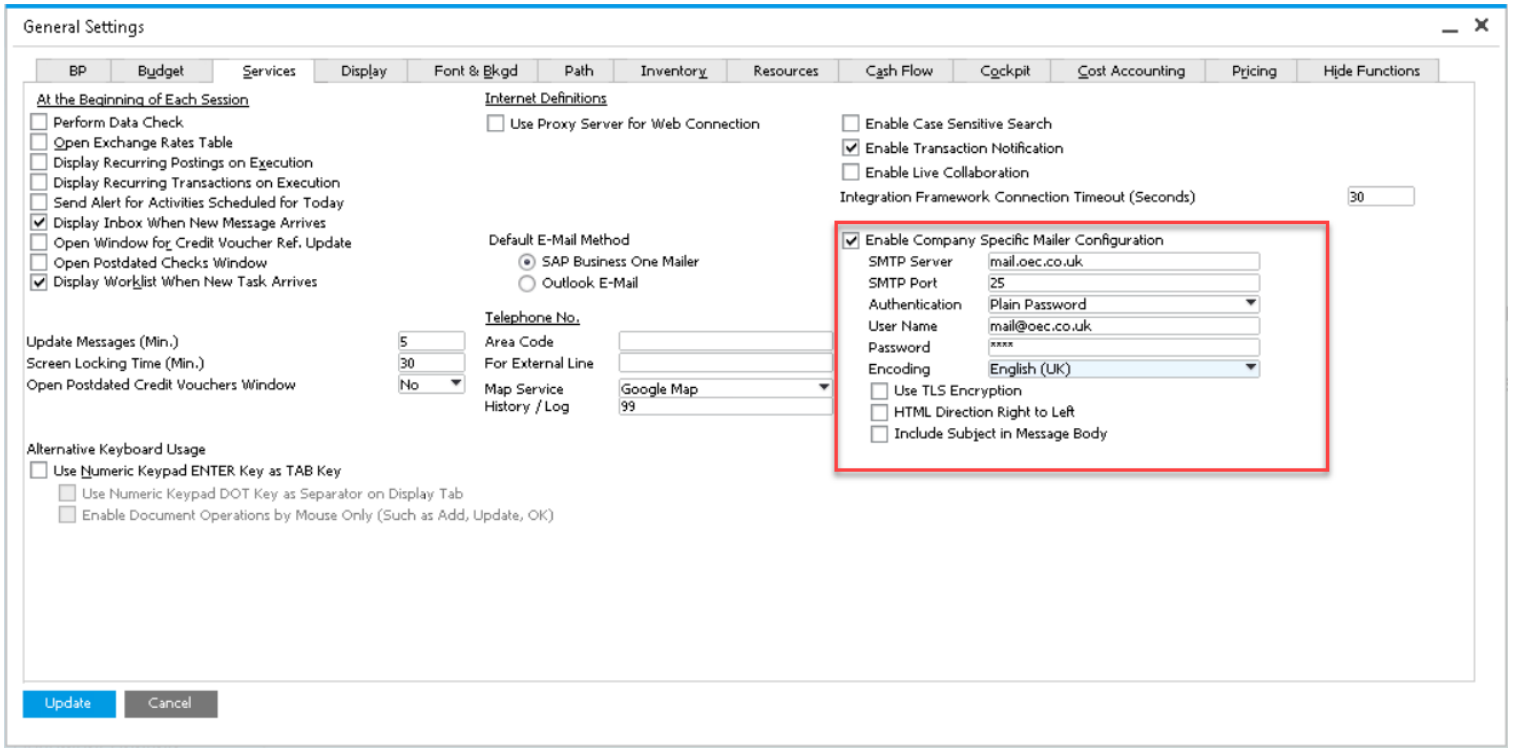
- Web-based management.
- Improved performance (response time) and stability.

Benefit

- Unified and centralized configuration in the System Landscape Directory.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Company Specific Mailer Configuration



Feature

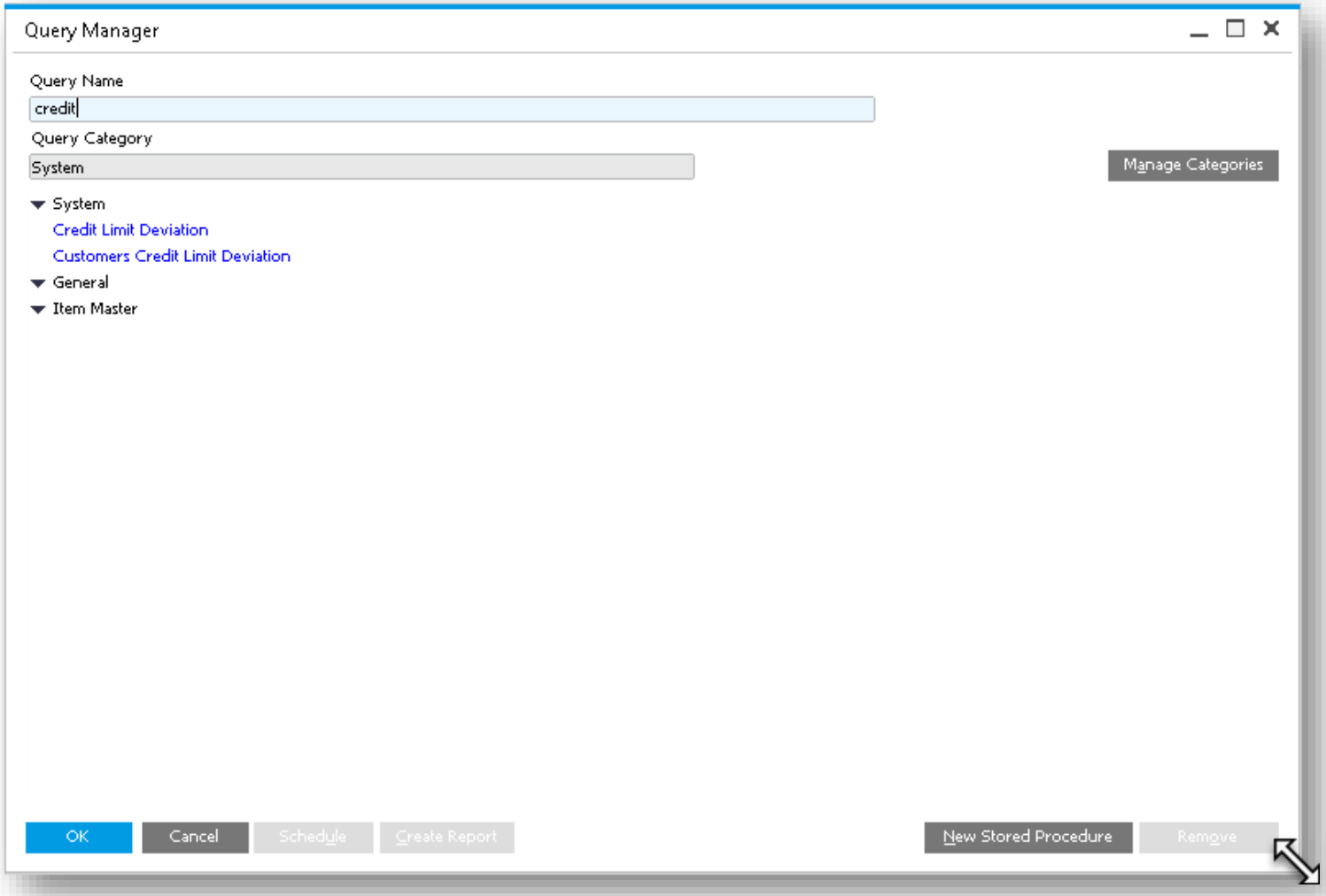
- Enable company specific mailer configuration.
- Switch between global company mailer configuration and company specific configuration.

Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Using Extension Package Tool in Command Line Mode

```
Command Prompt

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)

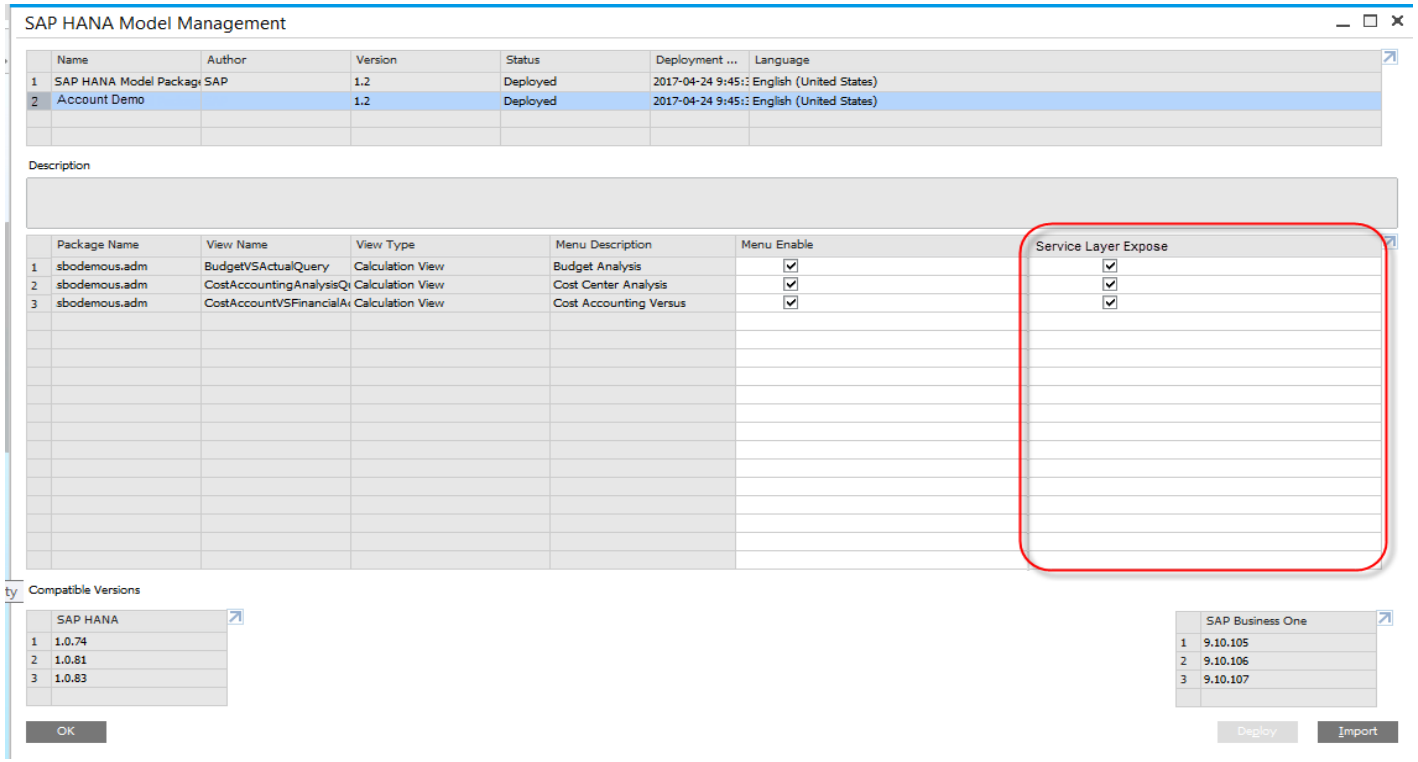
/p: "C:\temp\Deployment Package\DemoAddOn.zip“ (full path to save the output package)

/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)

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Expose Semantic Layer as an OData Service



Feature

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

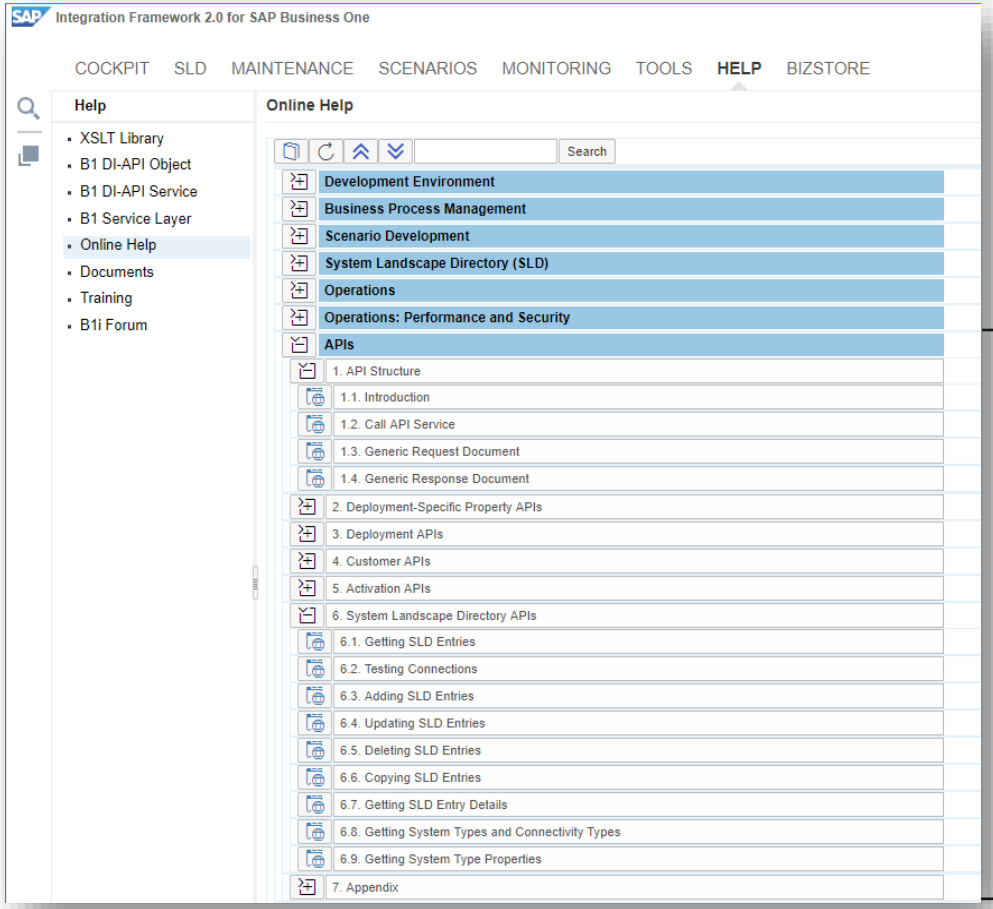
Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Integration Framework 2.0 Enhancements and Corrections

PL07



Features

- Based on the deployment (Cloud or on Premise) the framework determines:
  - The adapters offering
  - The environment-related menus
- Offering of different APIs:
  - Deployment, activation, administering SLD entries, deployment properties, and transactions
  - For more information see API Guide
- Support of creation of format control documents in adapters CONR.1, FILE.1, and FILP.1
- *sap.dev.training* scenario package includes the latest IDE enhancements
- See SAP Note 2700694

Benefit

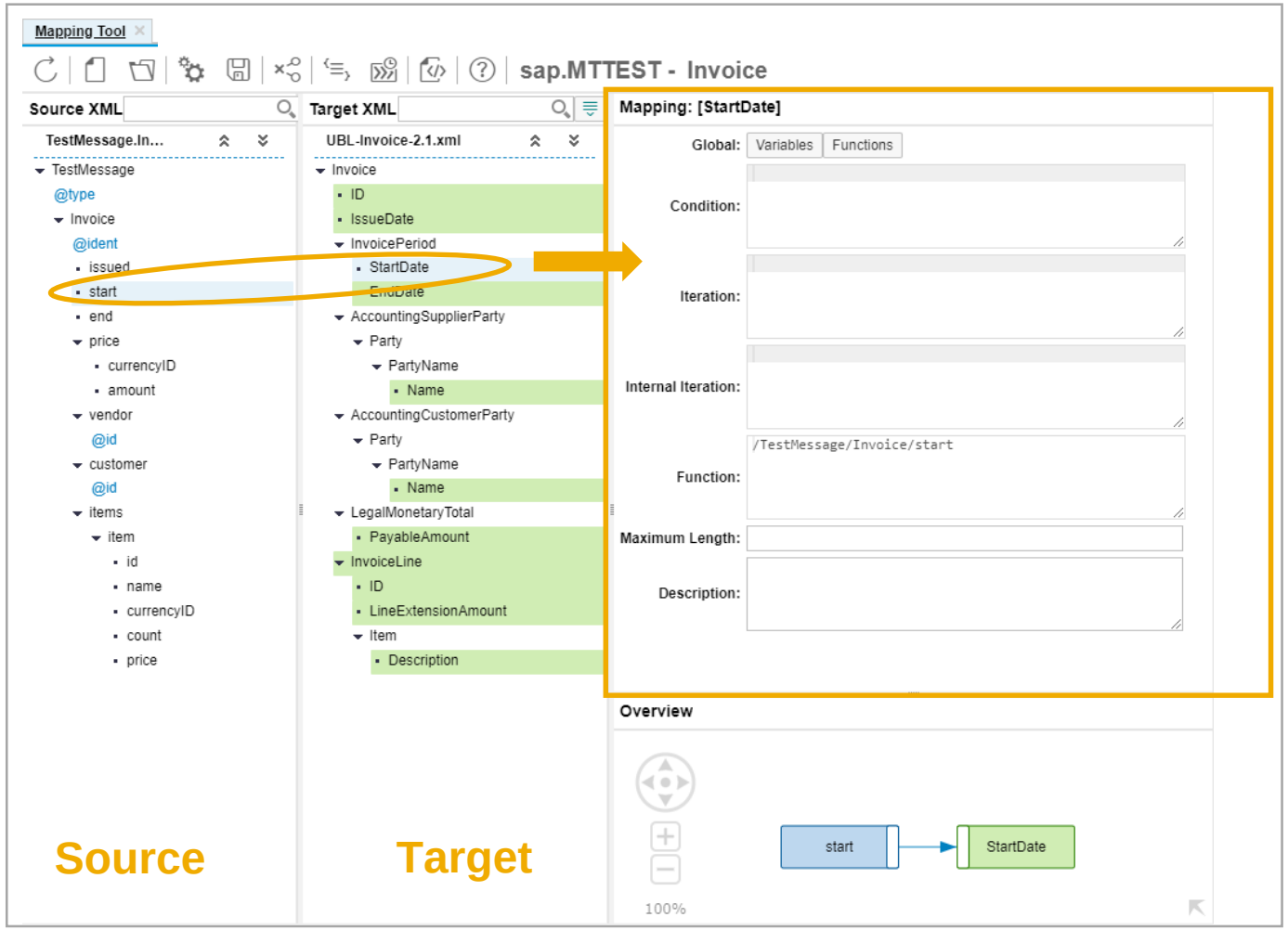
- Improved handling of the integration framework version 2.0

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Integration Framework 2.0 – Mapping Tool 1/2

PL09

Choose Scenarios, open package and select Mapping Tool



Feature

- Define simple mappings by clicking elements
- For more complex mappings:
  - Use XPath* and integration framework functions
  - Define and use variables, use predefined variables and JavaScript functions
  - Make use of inbuilt support for collaboration in mapping projects
- Supports XSD to XML generation
- Offers predefined XML structures for SAP Business One
- See SAP Note 2753879

Benefit

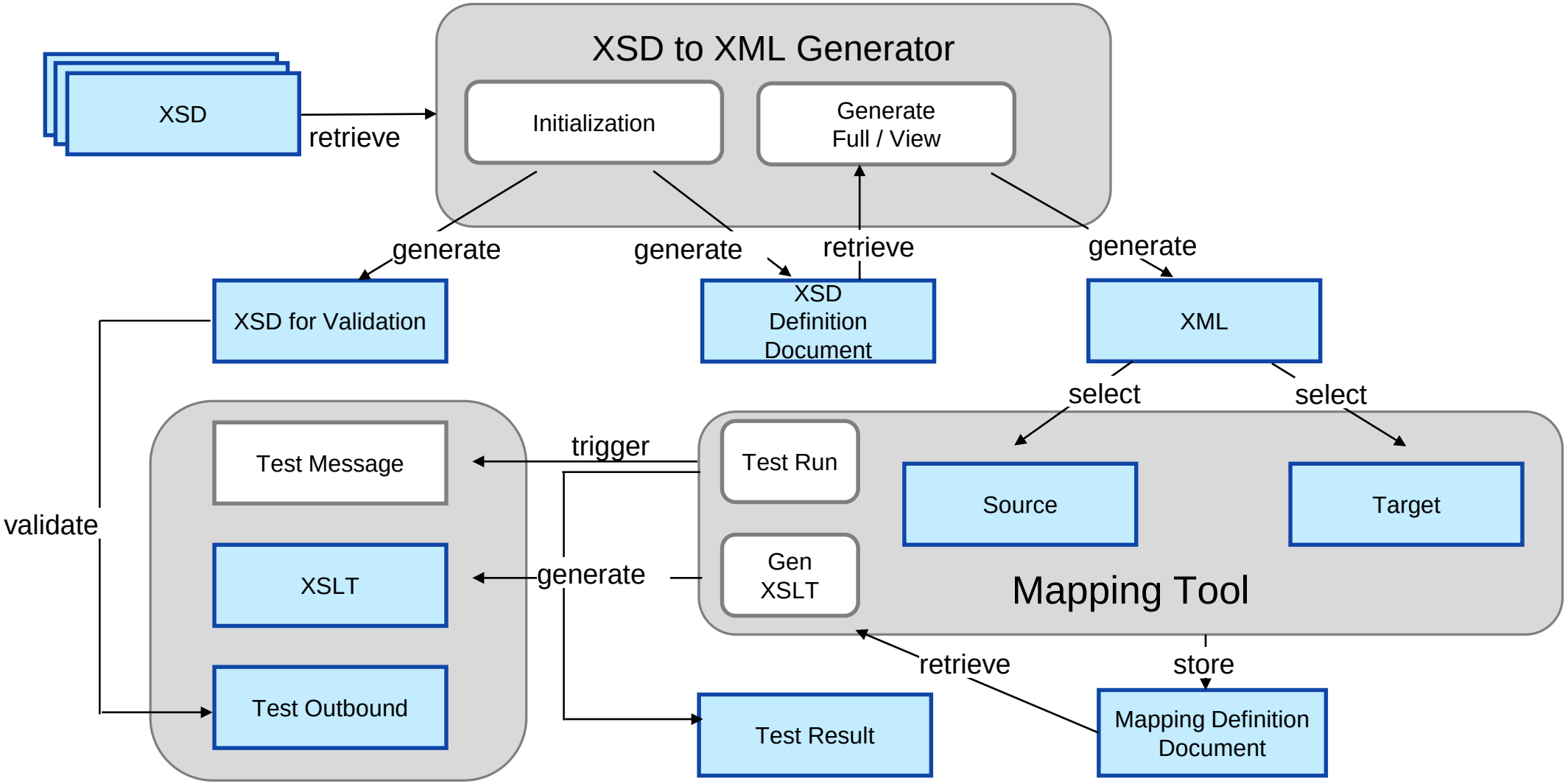
- Generate, test, validate and integrate easily XSLs in your scenario steps

* XPath, a W3C recommendation, includes over 200 functions for string and numeric values, Booleans, date and time comparison, node and sequence manipulation, and much more.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Integration Framework 2.0 – Mapping Tool Architecture 2/2

PL09



© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

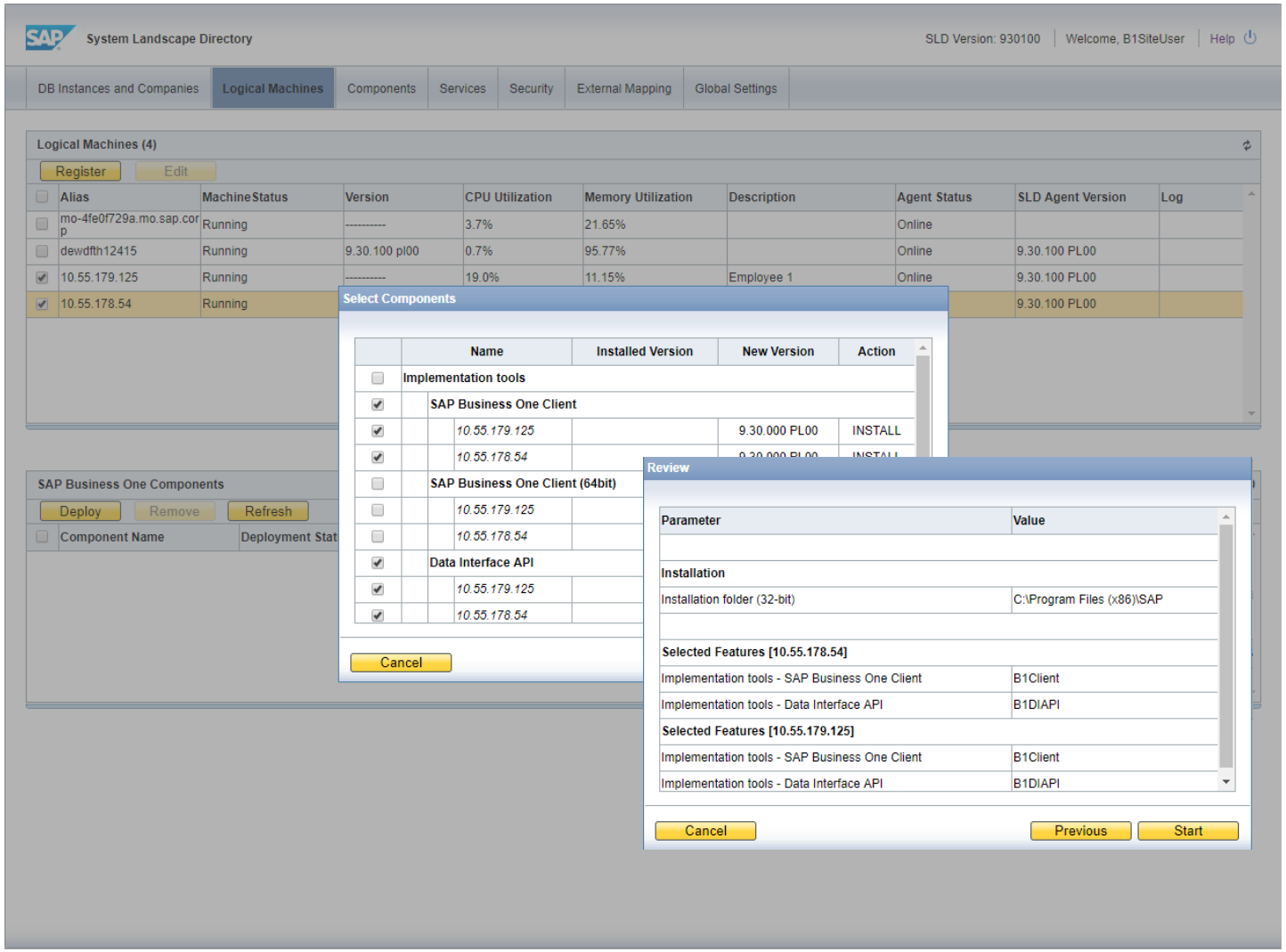
Platform | Extensibility

Feature	Description
EFM Enhancement	Porting from C# to JAVA to support electronic invoices in service layer (Portugal only). SAP HANA
Service Layer as a Service	A new service on the Service Layer platform which exposes semantic layer views in OData format. SAP HANA
X-App Supports SSO for Service Layer	X-Apps can make calls to Service Layer without requiring the end user login again. SAP HANA
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.
Optimized Login Connection	Connect method optimization
UI-API Lost Focus-Get Focus Improvements	Improved performance of grids when updating calculation fields
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.
SAP Business One Studio	SAP Business One Studio supports Visual Studio 2015 and TFS (Team Foundation Server) 2015.
Support XML methods for SAPbouiCOM.DBDataSource	Fast data retrieve and manipulation on DBDataSource
Integration Framework Scenario	New *sap.B1.ExchangeRates.IF1* scenario package allows updating exchange rates in SAP Business One - See SAP Note 2812747 PL11

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

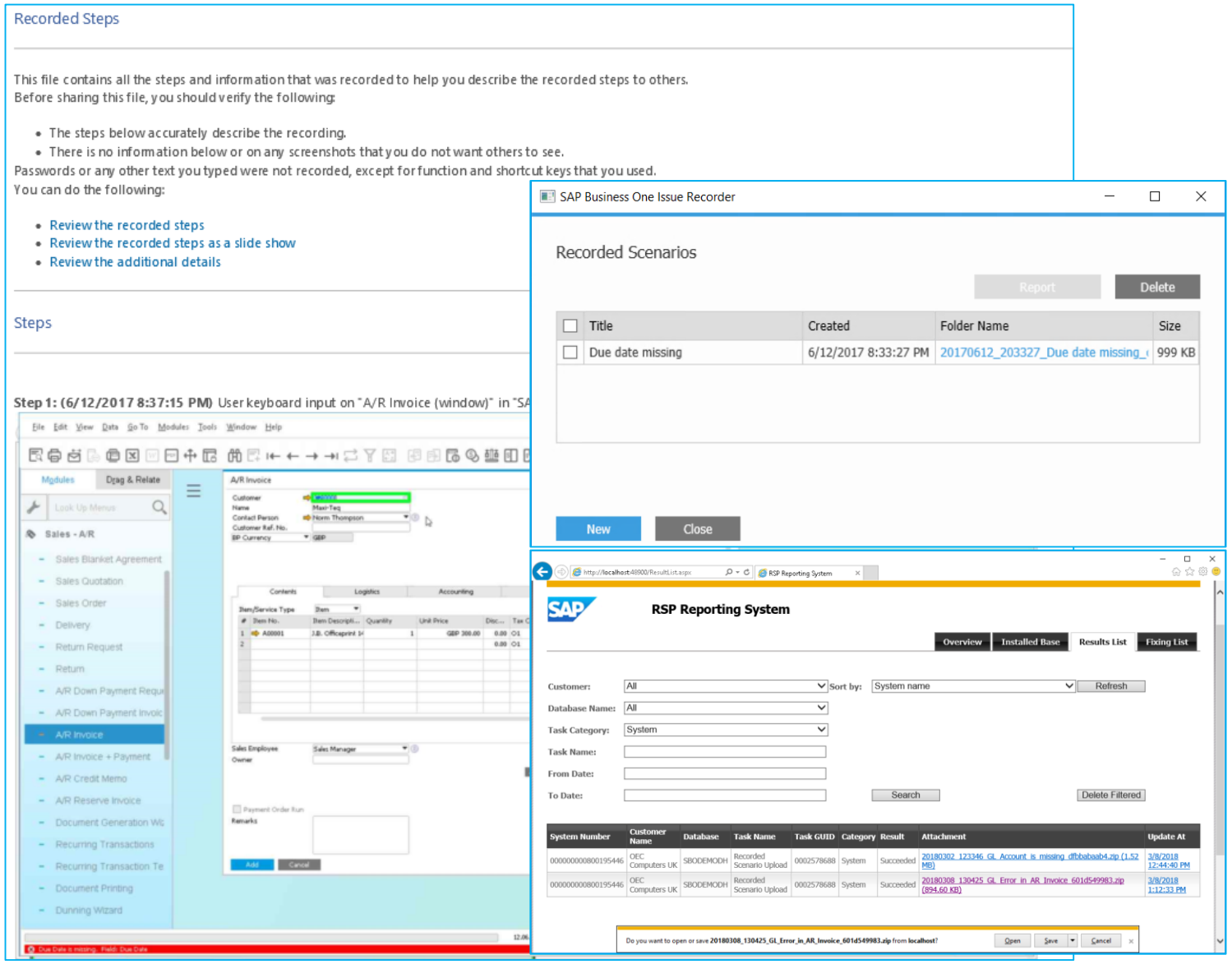
Benefit

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

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Embedded Incident Management

PL03 Update



Feature

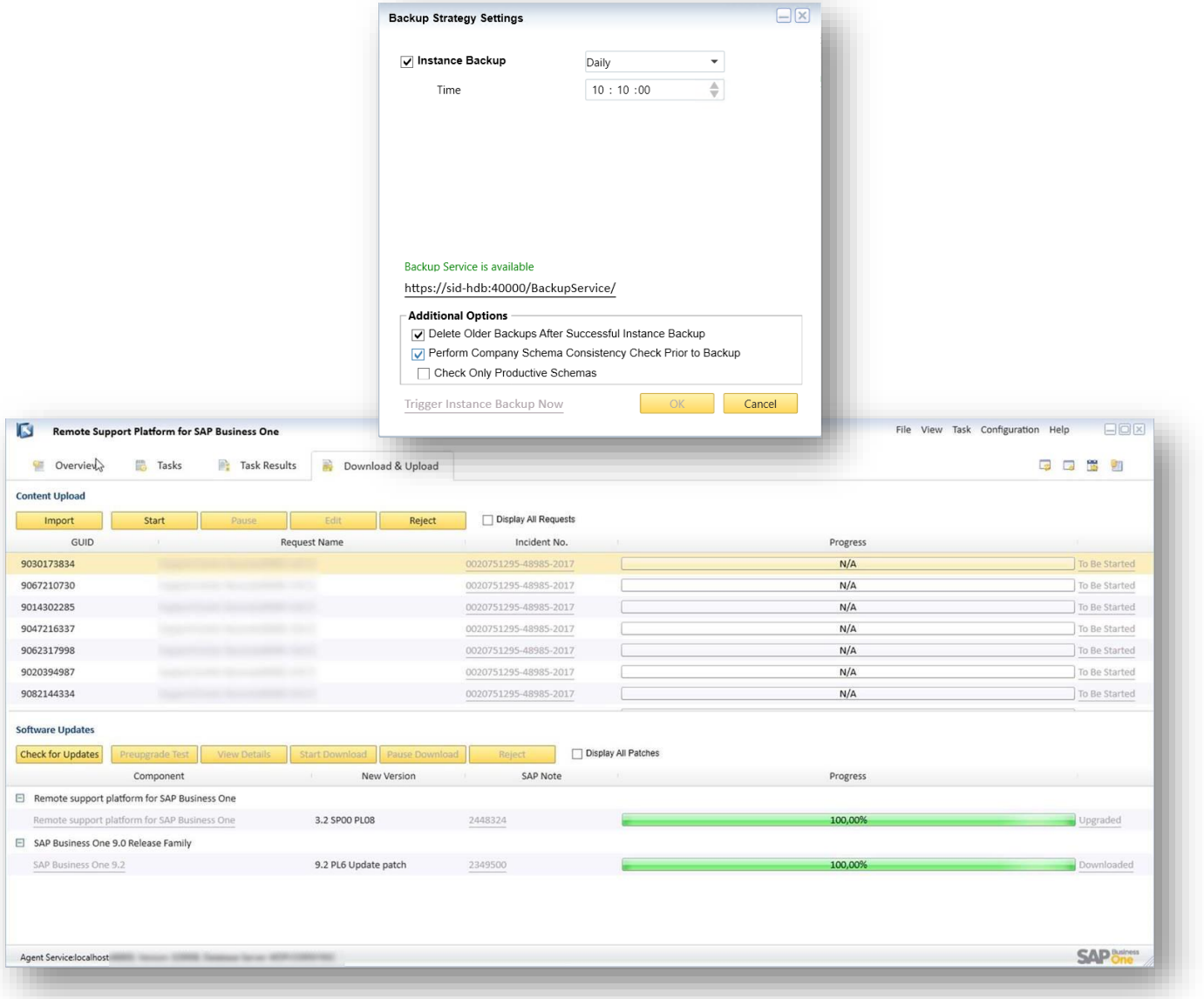
- Instantly record a problem inside SAP Business One Client
- Document all taken steps as screenshots with text
- Submit report including issue description and file path to Partner WebDAV by the Remote Support Platform Task 2578688 **(PL03)**
- See SAP Note 2573171

Benefit

- Provides accurate issue description to SAP Partner
- Reports problems internally to get direct support from colleagues within the company

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

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.

© 2020 SAP SE or an SAP affiliate company. All rights reserved. I PUBLIC

Thank you.

SAP Global SME Business Unit I Rollout Services

THE BEST RUN SAP®

Follow us

www.sap.com/contactsap

© 2020 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platforms, directions, and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

See www.sap.com/copyright for additional trademark information and notices.

THE BEST RUN SAP®