



SAP Business One 9.3

Top ReSolutions

Global Rollout
March, 2019

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Important Corrections Delivered in Patches

SAP Business One 9.3

This presentation provides an overview of the most important corrections, also known as Top ReSolutions, which are delivered in patches. A selection of the corrections is presented in more detail.

- For a complete overview of the corrections delivered in a specific patch, refer to the overview note.
- For all enhancements in SAP Business One 9.3, please review the [Highlights](#) document.
- For all changes made in the DI API interface between patches of SAP Business One version 9.3, refer to SAP Note [2584704](#).
- For Troubleshooting and Compatibility Information, refer to the following SAP Notes:
 - SAP Business One Sales Mobile App for iOS and Android - SAP Note [2267084](#).
 - SAP Business One Service for iOS - SAP Note [2639956](#).
- For SAP Business One Patch Delivery Schedule please refer to SAP Note [2267770](#).

Quick Access to the relevant PL: [PL09](#); [PL08](#); [PL07](#); [PL06](#); [PL05](#); [PL04](#); [PL03](#); [PL02](#); [PL01](#)

SAP Business One version 9.3 PL03 is the General Availability (GA) version. Please refer to the [Maintenance & Release Family](#) information regarding maintenance for SAP Business One version 9.2.

SAP Business One 9.3 **PL09**



SAP Business One 9.3 PL09 – Overview Note [2728626](#)

SAP Business One 9.3, version for SAP HANA PL09 – Overview Note [2728662](#)

Relevant Country	Type		Details
All	Legal changes	EU - GDPR – General Data Protection Regulation Make User-Defined Fields as Sensitive Personal Data. Please refer to the How to Guide for details.	SAP Note 2716760
All	Integration framework (B1if)	Enhancements in XML Editor, Message Log, and Help (B1 DI-API Object)	SAP Note 2747717
All	Integration framework (B1if) version 2.0	Mapping Tool	SAP Note 2753879
MENA	Legal changes	New Localization for Central MENA covering AE/EG/LB/OM/QA/SA	SAP Note 2721929

SAP Business One 9.3 PL09 – Overview Note [2728626](#)

SAP Business One 9.3, version for SAP HANA PL09 – Overview Note [2728662](#)

Relevant Country	Type		Details
UK	Legal changes	Making Tax Digital	SAP Note 2456346
ES	Legal changes	Default Values for Credit Memos	SAP Note 2737321
RU	Legal changes	Down Payments Created from Payments of Sales Orders	SAP Note 2732201
IN	Legal changes	Multiple Branches Enablement in Existing Databases	SAP Note 2737176
IN	Legal changes	Goods and Service Tax – request access to SAP JAM on GST from Martin Pavlinsky Includes E-Way Bill.	SAP Note 2194689
SG	Legal changes	Customer Accounting (Follow-Up)	SAP Note 2733017
PA	Legal changes	Electronic Documents activated	SAP Note 2761037
IT	Legal changes	Withholding Tax “UNICA” Certificate Change	SAP Note 2737210
IT	Important correction	Electronic Invoicing Process Only Triggered When Electronic Documents Are Added	SAP Note 2747872

User-Defined Fields marked as Sensitive Personal Data

Feature

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

Field Name	Database Reference	Default Data Class	Data Classification
Plot No.	CRD1.U_Plot	User Defined	Sensitive Personal
			Not Personal
			Sensitive Personal
			Personal

- 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

Benefit

- Compliance with GDPR requirements

The screenshot shows the 'Business Partner Master Data' window for customer C20000 (Maxi-Teq). The 'Accounting' tab is active, showing a 'Plot No.' field with a red box around its value 'xlzeKqd6ly0m4gqn+h8wryNRAl'. A red arrow points from this field to the 'Field Data' dialog box. In the dialog, 'Type' is set to 'Alphanumeric' and 'Structure' is set to 'Text', both highlighted with red boxes. The 'Validation' is set to 'None'. A red arrow also points from the 'Display Sensitive Data' option in the right-click context menu to the 'Field Data' dialog.

The screenshot shows the 'Personal Data Management Wizard' with the 'General Parameters' step selected. The 'Run Name' is 'Pdm20190304n1', the 'Run Date' is '04.03.19', and the 'Action' is 'Personal Data Report'. A red arrow points from the 'Personal Data Report' dropdown to the 'Field Data' dialog in the previous screenshot.

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

Integration Framework 2.0 – Mapping Tool 1/2



Choose Scenarios, open package and select Mapping Tool

The screenshot displays the Mapping Tool interface with three main panels: Source XML, Target XML, and Mapping. The Source XML panel shows a tree structure for 'TestMessage.In...' with elements like 'Invoice', 'price', 'vendor', 'customer', and 'items'. The Target XML panel shows a tree structure for 'UBL-Invoice-2.1.xml' with elements like 'Invoice', 'InvoicePeriod', 'AccountingSupplierParty', 'AccountingCustomerParty', 'LegalMonetaryTotal', and 'InvoiceLine'. The Mapping panel is titled 'Mapping: [StartDate]' and contains fields for 'Global', 'Condition', 'Iteration', 'Internal Iteration', 'Function', 'Maximum Length', and 'Description'. An orange arrow points from the 'start' element in the Source XML to the 'StartDate' element in the Target XML. Below the Mapping panel is an 'Overview' section showing a visual representation of the mapping: a blue box labeled 'start' with an arrow pointing to a green box labeled 'StartDate'.

Source **Target**

Feature

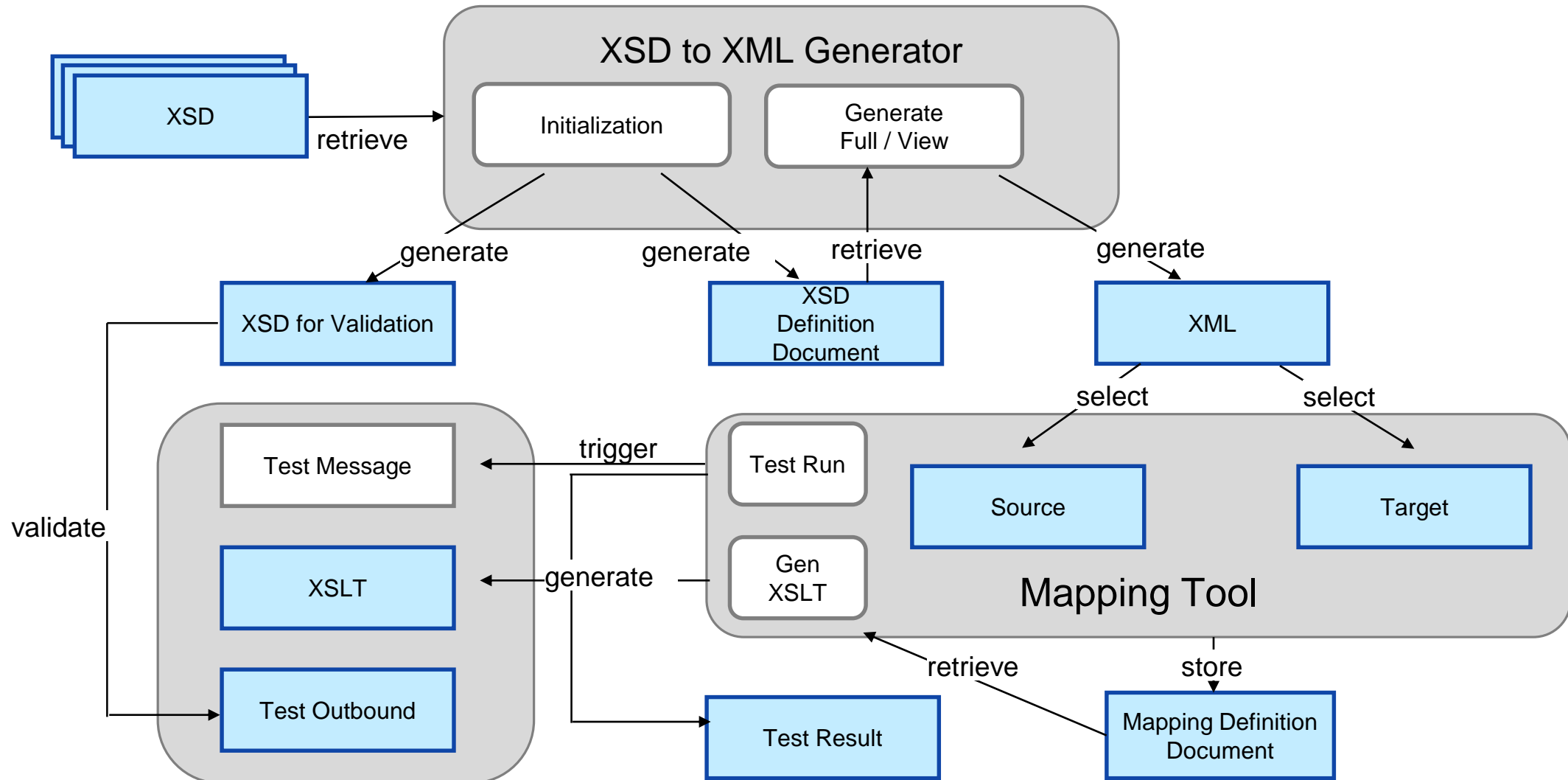
- Define simple mappings by clicking elements
- For more complex mappings:
 - Use XPath* and integration framework functions
 - Define and use variables, use predefined variables and JavaScript functions
 - Make use of inbuilt support for collaboration in mapping projects
- Supports XSD to XML generation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

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.

Integration Framework 2.0 – Mapping Tool Architecture 2/2




SAP Business One 9.3 **PL08**



SAP Business One 9.3 PL08 – Overview Note [2709774](#)

SAP Business One 9.3, version for SAP HANA PL08 – Overview Note [2709737](#)

Relevant Country	Type		Details
All	Legal changes	EU - GDPR – General Data Protection Regulation Sales Employees/Buyers. Please refer to the How to Guide for details.	SAP Note 2705017
All	Important correction	Access Administration Console Using Firefox exposed 	SAP Note 2697638
All	Integration framework (B1if)	Passport Support for integration framework	SAP Note 2701269
IT	Legal changes	Electronic Invoicing 2019 – Follow-up	SAP Note 2726517
IN	Legal changes	Goods and Service Tax – request access to SAP JAM on GST from Martin Pavlinsky Includes E-Way Bill.	SAP Note 2194689
IL	Legal changes	Check Enhancement in Esc File	SAP Note 2718642
SG	Legal changes	Customer Accounting	SAP Note 2716292
UK	Legal changes	Making Tax Digital	SAP Note 2701273

Sales Employees and Buyers not related to Employee Master Data

Personal Data Management Wizard

1 Wizard Run Selection
2 General Parameters
3 Selection Criteria
4 Report Results

Personal Data Report - Selection Criteria

Search for and choose the natural persons to include in the report. Natural persons can be users, employees, business partners, business partner contacts or external business partners who are determined as natural persons.

Users Employees Business Partners BP Contacts External BPs Search

☐ Employees ☒ Sales Employees and Buyers

Active: All

☐ Include Unblocked Sales Employees and Buyers

Search

List of Sales Employee

Find:

#	Sales Employee Name	Remarks
1	Brad Thompson	
2	Jim Boswick	
3	Sales Manager	
4	Sophie Klogg	

Choose Cancel

Sales Employees/Buyers - Setup

#	Sales Employee Name	Commission Group	Commission %	Remarks	Active	Employee	Telephone	Mobile	Fax	E-Mail	Data Protection Status
1	-No Sales Employee-	User-Defined Commission			<input checked="" type="checkbox"/>						None
2	Sales Manager	High Commission	10		<input checked="" type="checkbox"/>						None
3	Bill Levine	High Commission	10		<input checked="" type="checkbox"/>	Levine, Bill					None
4	Sophie Klogg	High Commission	10		<input checked="" type="checkbox"/>						None
5	Brad Thompson	Low Commission	5		<input type="checkbox"/>						None
6	Jim Boswick	Medium Commission	8		<input checked="" type="checkbox"/>						None
7	James Chan (Buyer)	User-Defined Commission			<input checked="" type="checkbox"/>	Chan, James					None
8	*Eh7ntW5HmrmalJ1KmD9Fehu	Low Commission	5	New Employ	<input type="checkbox"/>		*	*	*	*	Erased
9	*MckIY0hmMW2k54pDBweRG8	User-Defined Commission	3		<input type="checkbox"/>						Blocked
10	Matt Covers	User-Defined Commission			<input type="checkbox"/>		02074566445			matt.cover	Unblocked

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

Benefit

- Compliance with GDPR requirements

SAP Business One 9.3 **PL07**





SAP Business One 9.3 PL07 – Overview Note [2684837](#)

SAP Business One 9.3, version for SAP HANA PL07 – Overview Note [2684954](#)

Relevant Country	Type		Details
All	Legal changes	EU - GDPR – General Data Protection Regulation (Slides GDPR 1 – 2) One Time Customers. Please refer to the How to Guide for details.	SAP Note 2697426
All	DRQ	User Name visible in Authorizations and License Form resizing	SAP Note 2698804
All	Integration framework (B1if)	Windows Start Menu Shortcut for the Integration Framework Uses Default Browser	SAP Note 2698961
All	Integration framework (B1if)	Update 3rd Party Software to Benefit from Latest Corrections and Security Fixes	SAP Note 2688102
All	Integration framework (B1if)	Integration Framework Documentation in File System	SAP Note 2700375
All	Integration framework (B1if) version 2.0	Enhancements and Corrections for 9.3 PL07	SAP Note 2700694
All	Integration framework (B1if) Customer Checkout	SAP Customer Checkout scenarios correctly treat B1iF as an on-premise version	SAP Note 2632210

SAP Business One 9.3 PL07 – Overview Note [2684837](#)

SAP Business One 9.3, version for SAP HANA PL07 – Overview Note [2684954](#)

Relevant Country	Type		Details
All	Important correction	Send Mail with Attachments from user's Sub Folder 	SAP Note 2698313
All	Important correction	Data Transfer Workbench Logon details based on the SLD	SAP Note 2677918
All	Important correction	SAP Business One Mailer UTF-8 Encoding Support 	SAP Note 2691690
All	Important correction	User Defined Objects Enhancements for Locked Posting Period	SAP Note 2693413
IN	Legal changes	Goods and Service Tax – request access to SAP JAM on GST from Martin Pavlinsky Includes E-Way Bill.	SAP Note 2194689
IT	Legal changes	Electronic Invoicing 2019	SAP Note 2666498

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

GDPR (1/2)

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

Benefit

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

Personal Data Management Wizard

1 Wizard Run Selection
2 General Parameters
3 Selection Criteria
4 Report Results
5 Save Options
6 Summary Report

Determine Natural Persons - Selection Criteria
Search for and choose the data subject persons you want to determine as natural persons for data protection purposes.

☐ Business Partners
☒ **Default Customers for A/R Invoices and Payments**

#	S.	Natural Person	Natural Person Code	Natural Person Name
1	<input checked="" type="checkbox"/>	Business Partner Master Data		
2	<input checked="" type="checkbox"/>		C99999	One Time Customer

Business Partner Master Data

Code: Manual C99999 Customer
Name: One Time Customer
Foreign Name:
Group: Small Accounts
Currency: British Pound
Federal Tax ID:
Account Balance: 463.09
Deliveries: 3,845.68
Orders: 27,775.66
Opportunities:
Local Currency:
General:
Contact Persons:
Addresses:
Payment Terms:
Payment Run:
Accounting:
Properties:
Tel 1:
Tel 2:
Mobile Phone:
Fax:
E-Mail:
Web Site:
Shipping Type:
Password:
Factoring Indicator:
BP Project:
Industry:
Business Partner Type: Company
Personal Data Protection:
☒ **Natural Person** Status: None
Alias Name:
Contact Person ID No. 2:
Unified Federal Tax ID:
Company Reg. No. (CRN):
Remarks:
Sales Employee:
Sales Ma:
BP Channel Code:
Technician:
Territory:
Language: English (

Payment Means

Currency: GBP
Check Bank Transfer Credit Card Cash
G/L Account: 161016 GBP Bank No.1 (cheques received)
Search by Bank Code
Country Bank Name Branch Account Check No. E.
1 United Kingdom Barclays Bank(2353 inP/sRfmAu8a8Dhmoaz8wdCieX3JENjk1/BFIKVZp5M=*3829 1 No

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

GDPR (2/2)

The screenshot displays the 'Personal Data Management Wizard' with the 'Selection Criteria' step active. It shows the selection of 'Default Customers for A/R Invoices and Payments' with a transaction date filter of '31.12.07'. Below this, three other SAP screens are visible: 'A/R Invoice' showing customer details for C99999, 'Incoming Payments' showing payment details for C99999, and 'Payment Means' showing credit card details for American Express. Red boxes and arrows highlight the consistency of the customer ID (C99999) across all three screens, demonstrating how a single natural person is identified across different transaction types.

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

Benefit

- GDPR compliance
- All transactional personal data deleted on cleanup

User Name visible in Authorizations and License Form resizing



License Administration

License Server: b1h93 Port: 40000

Company: OEC Computers UK License: SAP-INTERN-SAP-INTERN(Global) Change

Users	B1 User Type Licenses	Used	Available
AlertSvc	B1IINDIRECT HDB	<input type="checkbox"/>	0
alex	SAP Business One Professional User	<input type="checkbox"/>	86
B1i	SAP AddOns	<input type="checkbox"/>	99992
bill			
bob			
brad			
carlos			
christin			
dana			

External Licenses

Used Available

OK Cancel Import License File Refresh

Features

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

Benefits

- Enhanced usability
- Identify users easily

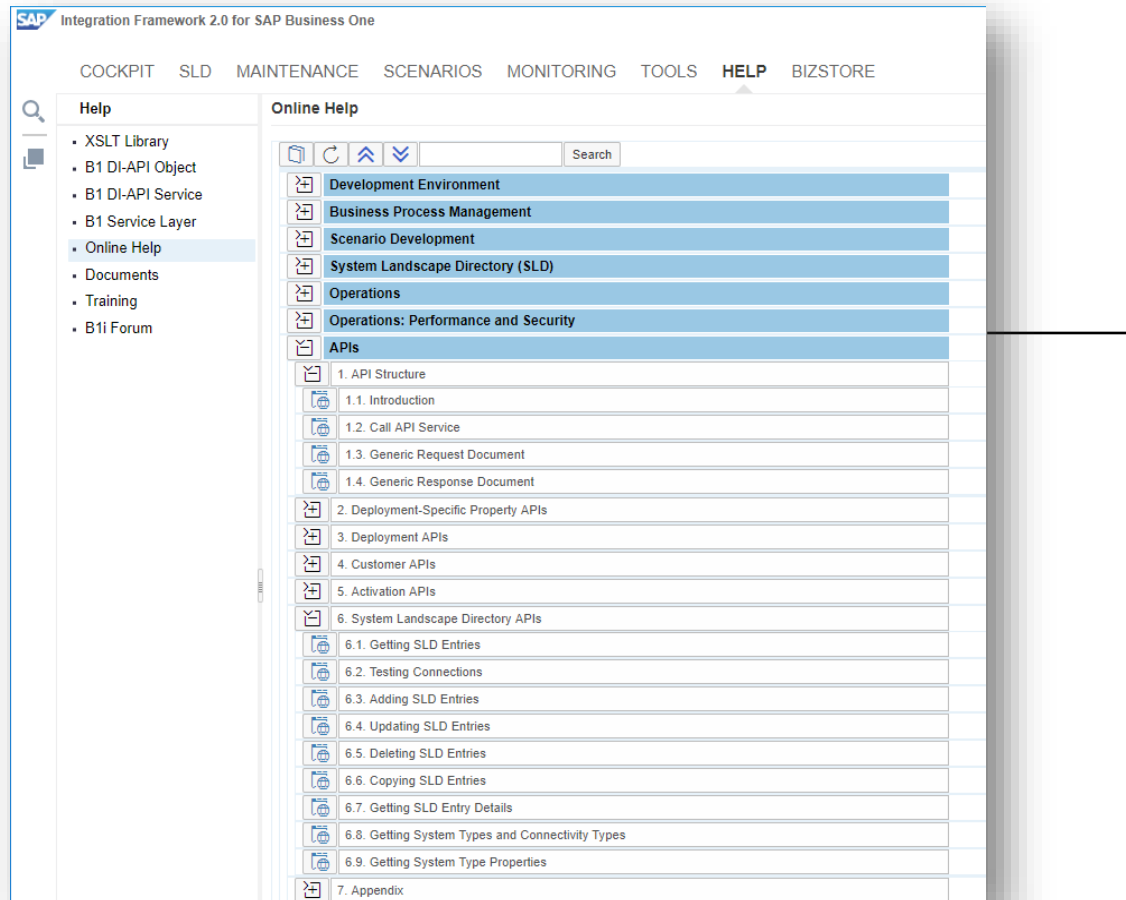
Authorizations

Users Groups Find

1234 - Peter Brown		
alex - Alex Torras		
B1i - B1i		
bill - Bill Levine		
bob - Bob Shone		
brad - Brad Thompson		

Subject	Authorization	Effective Authorization
▶ General		
▶ Customization Tools		
▶ Administration		
▶ Financials		
▶ Opportunities		
▶ Sales - A/R		

Integration Framework 2.0 Enhancements and Corrections



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

Benefit

- Improved handling of the integration framework version 2.0

SAP Business One 9.3 **PL06**



SAP Business One 9.3 PL06 – Overview Note [2661633](#)

SAP Business One 9.3, version for SAP HANA PL06 – Overview Note [2661597](#)

Relevant Country	Type		Details
All	Legal changes	EU - GDPR – General Data Protection Regulation (Slides GDPR 1 – 2) Bank Account related Sensitive Data fields. Please refer to the How to Guide for details.	SAP Note 2682905
All	DRQ	Enhance EFM to support light weight deployment	SAP Note 2667461
All	DRQ	Weighted Average Valuation Simulation Report Enhancement	SAP Note 2672172
All	Important correction	Business Partner with Zero Balance Cannot Be Selected in Payment Wizard	SAP Note 2644921
All	Important correction	Merge of SAP Business One Client and Add-Ons logs	SAP Note 2683061
All	Important correction	Additional properties have been exposed for existing objects in DI API and Service Layer	SAP Note 2674021
All	Integration framework (B1if)	Enhanced Log Mass Deletion Tool	SAP Note 2660491
All	Integration framework (B1if)	RFQ Enhancement for Company Logo per Company	SAP Note 2670978
All	Integration framework (B1if)	B1i SLD: last collapse/expand status for B1SL section retained	SAP Note 2671034

SAP Business One 9.3 PL06 – Overview Note [2661633](#)

SAP Business One 9.3, version for SAP HANA PL06 – Overview Note [2661597](#)

Relevant Country	Type		Details
All	Integration framework (B1if)	Support External Address for RFQ solution	SAP Note 2672255
All	Integration framework (B1if)	Event Filter Generator Added to Event Sender Setup	SAP Note 2672542
All	Integration framework (B1if)	Settings for User-Defined Tables in Call B1 Object Atom	SAP Note 2675129
All	Integration framework (B1if)	Update 3 rd Party Software to Benefit from Latest Corrections and Security Fixes	SAP Note 2678693
All	Integration framework (B1if)	Add support for Generic Adapter Defined through JavaScript Document	SAP Note 2678746
All	Integration framework (B1if)	Migration of Scenarios from Framework Version 1 to Framework Version 2	SAP Note 2679709
All	Integration framework (B1if)	Support for Call and Conversion Atoms and SAP Business One Outbound in Integration Framework Version 2	SAP Note 2682739

SAP Business One 9.3 PL06 – Overview Note [2661633](#)

SAP Business One 9.3, version for SAP HANA PL06 – Overview Note [2661597](#)

Relevant Country	Type		Details
IN	Legal changes	Goods and Service Tax – request access to SAP JAM on GST from Martin Pavlinsky	SAP Note 2194689
ZA	Legal changes	Non Deduct. Tax Code can be Selected in Payment for G/L Account	SAP Note 2191282
MX	Legal changes	CFDI Traslado Transportation Document	SAP Note 2684797
IL	Legal changes	Cancellation of A/R Invoice now available	SAP Note 2680632
RU	Legal changes	Automatic A/R Down Payment Requests Created When Creating Incoming Payments	SAP Note 2670960
CZ	Legal changes	Redesign of Electronic Document Functionality	SAP Note 2684677
CZ	Important correction	Option to Choose Between Event Sender and WebService in Electronic Document Framework	SAP Note 2684787
AR	DRQ	Possibility to Disable Automatic Credit and Debit Memos	SAP Note 2680261

Sensitive Personal Data – Bank Accounts of Natural Persons

GDPR (1/2)

The screenshot shows the 'Business Partner Master Data' window. The 'General' tab is active. Under 'Business Partner Bank', the 'Bank Country' is 'United Kingdom', 'Bank Name' is 'Barclays Bank(House Bank 1)', and 'Bank Code' is 'Barclays'. The 'Account' field is highlighted with a purple box and contains the masked value '*31LH9vq7qQTY86eakNzIeDy8j'. A red arrow points from this field to the 'IBAN' field, which also contains a masked value '*31LH9vq7qQTY86eakNzIeDy8j+IH+HkUisTXKdhUfGo=*5577'. The 'IBAN' field is also highlighted with a purple box. The 'Mandate ID' field is empty. The 'Date of Signature' field is empty. The 'OK' and 'Cancel' buttons are at the bottom left. A 'You Can Also' button is at the bottom right.

The screenshot shows the 'Employee Master Data' window. The 'Personal' tab is active. Under 'Bank Details', the 'Bank' field is highlighted with a purple box and contains the masked value '*31LH9vq7qQTY86eakNzIeDy8j'. The 'Account No.' field is highlighted with a purple box and contains the masked value '*31LH9vq7qQTY86eakNzIeDy8j+IH+HkUisTXKdhUfGo=*5577'. The 'Branch' field is '200078'. The 'Salary' field is '0.00' and the 'Employee Costs' field is '0.00'. The 'Status' field is 'None'. The 'OK' and 'Cancel' buttons are at the bottom left.

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

Benefit

- Selected authorized users can view hidden sensitive personal data values

Bank Accounts and IBAN Encryption and Impact on Payment Wizard GDPR (2/2)

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.

	G/L ...	G/...	Code	Description	Country	Max. Incomi...	Bank Code	IBAN	Max. Outgoi...	Account No	BIC/SWIFT	G/L Balance	G/L I...	Expected G/L Balance	Bank N...	Bank A...	Bank File Format...
1		⇒ 161										-1,554,945.31		GBP -1,554,945.31			
2	<input checked="" type="checkbox"/>		⇒ Outgoing BT	Outgoing Bank	GB		Barclays	GB69BA		12345678				GBP -1,554,945.31	Barclays B		DLL Format
3	<input type="checkbox"/>		⇒ Outgoing BT 2	Outgoing Bank	GB		Barclays	GB69BA		12345678				GBP -1,554,945.31	Barclays B		DLL Format
4	<input checked="" type="checkbox"/>		⇒ Outgoing BT 3	Outgoing Bank	GB		Barclays	GB69BA		12345678				GBP -1,554,945.31	Barclays B		EFM - BPP Format
5	<input type="checkbox"/>		⇒ Outgoing Checks	Outgoing Chec	GB		HSBC	GB15MI		23456789				GBP -1,554,945.31	HSBC(Hou		DLL Format

☐ Include G/L Interim Acct Balance

System Message

The payment wizard run includes both EFM and DLL bank file format entries, natural person EFM bank account information will be encrypted. Do you want to continue?

☐ Remember My Answer and Do Not Show This Message Again

Yes No

- 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.

SAP Business One 9.3 **PL05**

NOTE: Enhancements delivered in SAP Business One [9.2 PL11](#) have been included in this patch.





SAP Business One 9.3 PL05 – Overview Note [2633717](#)

SAP Business One 9.3, version for SAP HANA PL05 – Overview Note [2633761](#)

Relevant Country	Type	Details	
All	Legal changes	EU - GDPR – General Data Protection Regulation (Slides GDPR 1 – 3) Introduces Additional Sensitive Data fields & Personal Data Blocking function. Please refer to the How to Guide for details.	SAP Note 2628372
All	Important correction	Enable Down Payments from Orders using Payment Means	SAP Note 2628509
All	Important correction	Bar Code List Button Is Enabled on Bar Codes Form Activated from Item Master Data	SAP Note 2629578
All	Important correction	Enable Drawing Landed Costs with Multiple Vendors into Landed Costs	SAP Note 2626421
All	Important correction	Multiple Branch Ownership enhancement	SAP Note 2635093
All	Important correction	Rules for Changing UoM Relationship in UoM Group Definition	SAP Note 2634720
All	Important correction	Email Enhancements	SAP Note 2664840
All	Important correction	Document and Batch Reports Are Not Mailed via Document Printing	SAP Note 2597589
All	Important correction	Ignore Solo Connection Check for Master Data Cleanup Wizard	SAP Note 2652474

SAP Business One 9.3 PL05 – Overview Note [2633717](#)

SAP Business One 9.3, version for SAP HANA PL05 – Overview Note [2633761](#)

Relevant Country	Type		Details
All	Important correction	Microsoft SQL Server 2017 support (EFM; Crystal Reports; Integration Framework; Outlook Integration)	SAP Note 928839
All	Important correction	Allow to reuse SLD schema 	SAP Note 2627958
All	Important correction	UserValidValues Object Is Not Exposed for 'FormattedSearches' Entity in Service Layer 	SAP Note 2651606
All	DRQ	Pick and Pack Selection Criteria Enhancement	SAP Note 2628805
All	DRQ	Create a Credit Memo based on a fully paid Invoice	SAP Note 2629637
All	Integration framework (B1if)	Call Java Class Atom Returns Outbound Properties	SAP Note 2653575
All	SDK	Procurement Purchase Documents are Supported in DI API	SAP Note 2654654
AR	Important correction	Further enhancements to Operation Codes for Transfer or Transport (COT)	SAP Note 2664864
AR	Important correction	Further enhancements to Points of Issue (POI)	SAP Note 2664820

SAP Business One 9.3 PL05 – Overview Note [2633717](#)

SAP Business One 9.3, version for SAP HANA PL05 – Overview Note [2633761](#)

Relevant Country	Type		Details
IT	Important correction	CIG and CUP Information Included in Credit Transfer File for SEPA Payments	SAP Note 2655853
BR	Important correction	Withholding Tax Changes	SAP Note 2639573
BR	Legal changes	Copy Cost Centers and Distribution Rules to Tax Accounts on Journal Entries for Withholding Taxes	SAP Note 2625269
HU	Legal changes	Online Invoicing	SAP Note 2639951
PL	Legal changes	Split payment into VAT and Vendor payments	SAP Note 2630316
CZ	Legal changes	EET (CZ) web service	SAP Note 2647414
MX	Legal changes	CFDI Traslado Transportation Document	SAP Note 2647397
US	DRQ	Print Checks for Payment According to UI Order Instead of Internal IDs	SAP Note 2650644
ZA	DRQ	New CR layouts	SAP Note 2640253

Sensitive Personal Data

GDPR (1/3)

The screenshot shows the 'Employee Master Data' form in SAP. The 'Personal' tab is selected, displaying fields for Gender, Date of Birth, Country of Birth, Marital Status, No. of Children, and ID No. The ID No. field contains an asterisk (*) and is highlighted with a purple border. A context menu is open over the ID No. field, with the 'Display Sensitive Data' option highlighted. Other fields like Passport No., Passport Expiration Date, and Passport Issue Date are also visible. The 'Personal Data Protection' section at the bottom shows 'Natural Person' checked and 'Status' set to 'None'.

Employee Master Data

First Name: George
Middle Name:
Last Name: Keeng
Job Title: WH manager
Position:
Department: General
Branch: Main
Manager:
User Code: George
Sales Employee: -No Sales Employ
Cost Center:
Employee No.: 1
Ext. Employee No.:
Active Employee: ☒
Office Phone:
Ext.:
Mobile Phone:
Pager:
Home Phone:
Fax:
E-Mail: george.keeng@oec
Linked Vendor:
Address
Membership
Administration
Personal
Finance
Remarks
Attachments
Gender: Male
Date of Birth:
Country of Birth:
Marital Status: Single
No. of Children:
ID No.: *
Citizenship:
Passport No.: *
Passport Expiration Date:
Passport Issue Date:
Passport Issuer:
Copy
Remove
Relationship Map...
Translate...
Display Sensitive Data
Personal Data Protection
☒ Natural Person
Status: None
OK Cancel

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 are 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

Benefit

- Selected authorized users can view hidden sensitive personal data values

Personal Data Blocking

GDPR (2/3)

The image shows two overlapping SAP screenshots. The background screenshot is the 'Personal Data Management Wizard' with the 'General Parameters' step selected. It shows fields for 'Run Name' (Pdm20180705n3), 'Run Date' (05.07.18), and 'Action' (Personal Data Blocking). The foreground screenshot is the 'Business Partner Master Data' dialog. It shows fields for 'Code' (C80000), 'Name' (*), 'Group' (Construction), 'Currency' (British Pound), and 'Federal Tax ID'. Below these are tabs for 'General', 'Contact Persons', 'Addresses', and 'Payment Terms'. The 'General' tab is active, showing fields for 'Tel 1', 'Tel 2', 'Mobile Phone', 'Fax', 'E-Mail', 'Web Site', 'Shipping Type', 'Password', 'Factoring Indicator', 'BP Project', 'Industry', and 'Business Partner Type' (Company). At the bottom, there is a 'Personal Data Protection' section with a checked 'Natural Person' checkbox and a 'Status' dropdown set to 'Blocked'. There are also radio buttons for 'Active', 'Inactive' (selected), and 'Advanced', and a 'Remarks' field.

Personal Data Management Wizard

1 Wizard Run Selection
2 General Parameters
3 Selection Criteria
4 Report Results
5 Save Options

General Parameters

Select the action "Block Personal Data" to block access to the personal data of a natural person. Personal data may no longer be needed for the purposes that they were collected for, expire, extensions or overrulings may be given as mandated by law. Once blocked, the personal data are retained but not accessible or visible unless unblocked. Person records cannot be used in future marketing documents or other business processes.

Run Name: Pdm20180705n3
Run Date: 05.07.18
Action: Personal Data Blocking

Business Partner Master Data

Code: Manual C80000 Customer
Name: *
Foreign Name:
Group: Construction
Currency: British Pound
Federal Tax ID:
General Contact Persons Addresses Payment Terms
Tel 1:
Tel 2:
Mobile Phone:
Fax:
E-Mail:
Web Site:
Shipping Type:
Password:
Factoring Indicator:
BP Project:
Industry:
Business Partner Type: Company
Personal Data Protection
Natural Person: ☒
Status: Blocked
Alias Name:
Active ☐ Inactive ☒ Advanced ☐
From: To: Remarks
OK Cancel

Personal Data Management Wizard

1 Wizard Run Selection
2 General Parameters
3 Selection Criteria
4 Report Results
5 Save Options
6 Summary Report

Personal Data Blocking - Summary Report

#	Natural Person	Natural Person Code	Natural Person Name
1	Business Partner Master Data		
2		C80000	*

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

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

Personal Data Unblocking

GDPR (3/3)

The image displays two screenshots of SAP software interfaces. The top screenshot shows the 'Personal Data Management Wizard' with the 'General Parameters' step selected. It includes a sidebar with steps 1 to 5 and a main area with instructions and input fields for 'Run Name', 'Run Date', and 'Action' (set to 'Personal Data Unblocking'). The bottom screenshot shows the 'Business Partner Master Data' form with the 'General' tab active. It contains various fields for contact information and a 'Personal Data Protection' section where 'Natural Person' is checked and 'Status' is set to 'Unblocked'. A 'Summary Report' table is also visible, showing data for 'Business Partner Master Data' with columns for Natural Person, Code, and Name.

Personal Data Management Wizard - General Parameters

Select the action "Unlock Personal Data" to unlock access to the personal data of a and contain their personal data can be required by law to complete legal processes. Unblocking the personal data of selected natural persons decrypts the database record company can then provide the data as required by law. Once unblocked, the personal data are accessible to all authorized users. The data can by law, can go through a cleanup process.

Run Name: Pdm20180705n4
Run Date: 05.07.18
Action: Personal Data Unblocking

Business Partner Master Data - General

Code: Manual C80000 Customer
Name: INKJetters
Foreign Name:
Group: Construction
Currency: British Pound
Federal Tax ID:
Tel 1:
Tel 2:
Mobile Phone:
Fax:
E-Mail:
Web Site:
Shipping Type:
Password:
Factoring Indicator:
BP Project:
Industry:
Business Partner Type: Company

Personal Data Protection

☒ Natural Person Status: Unblocked
Alias Name:
☐ Active ☒ Inactive ☐ Advanced From: To: Remarks

Personal Data Unblocking - Summary Report

#	Natural Person	Natural Person Code	Natural Person Name
1	Business Partner Master Data		
2		C80000	INKJetters

Feature

- Unblock access to personal data of natural persons that has 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

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

Enable Down Payments from Orders using Payment Means



Sales Order

Customer: C20000
Name: Maxi-Teq
No.: Primary
Status: Open

Payment Means

Currency: GBP

Check Bank Transfer Credit Card Cash

G/L Account: 160000 Petty Cash

Primary Form Item: Payments for Invoices from Customers

Total

Overall Amount: GBP 5,915.70 0.00 Discount %

Balance Due: GBP 5,915.70

OK Cancel

Down Payment Request
Down Payment Invoice
Down Payment Request

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

Benefit

- Efficient entry of related transactions

Bar Code List Button Enabled on Bar Codes Form



Item Master Data

Item No. Manual B10000 ☒ Inventory Item
Description Printer Label ☒ Sales Item
Foreign Name ☒ Purchase Item
Item Type Items
Item Group Items
UoM Group Paper
Price List Base Price

Bar Code 112277 Pack
Unit Price Primary Curr GBP 6.90 Pack
Pricing Unit Pack

General Purchasing Data Sales Data Inventory Data Planning Data Production Data Properties Remarks Attachments

Feature

- Bar Code List button active in Bar Codes form activated from Item Master Data

Benefit

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

Bar Codes

Item No. B10000
Item Description Printer Label

Setup
UoM Group Paper

UoM
6Pack
Carton
Each
Pack
Pallet
SmlPack

Bar Code

#	Bar Code	Free Text
1	112233	
2	112255	
3	112277	
4	112299	
5		

Set as Default

OK Cancel

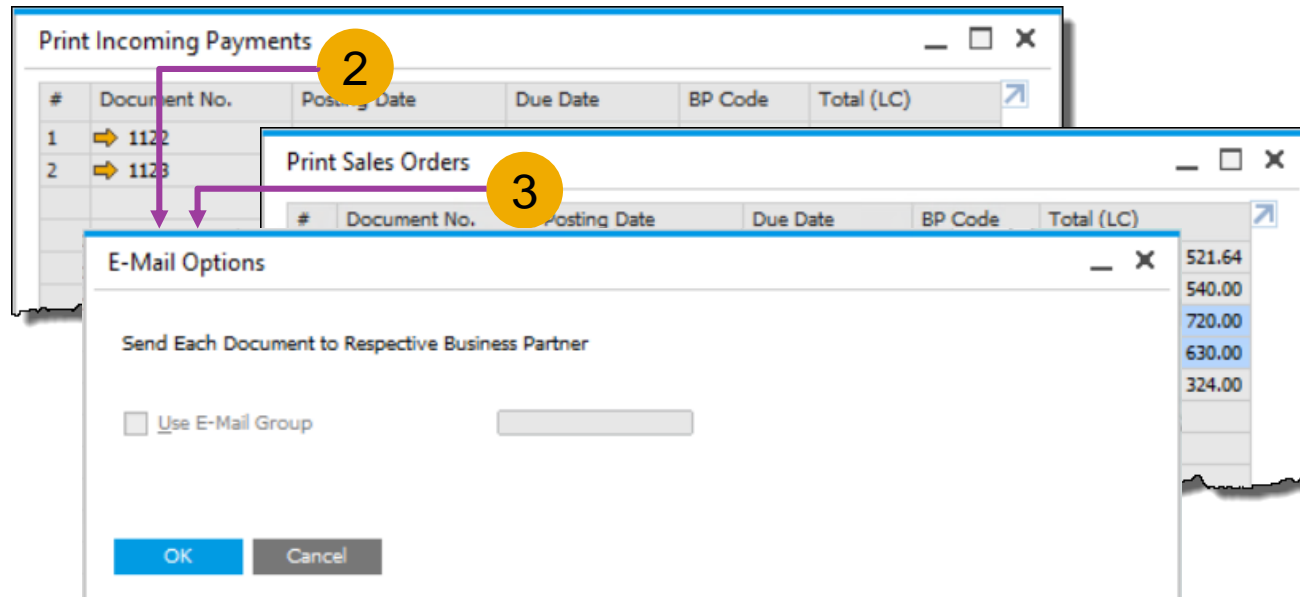
Bar Code List

List of Bar Codes

Find

#	Bar Code	Bar Code Text	Item No.	UoM Code
1	112233		Printer Label	Pack
2	112255		Printer Label	Pack
3	112277		Printer Label	Pack
4	112299		Printer Label	Pack
5	113344		Printer Label	Pallet
6	113355		Printer Label	Pallet
7	113366		Printer Label	Pallet
8	123456		Printer Label	Each
9	123457		Printer Label	Each
10	123458		Printer Label	Each
11	C51581		Printer Label	Carton
12	C45851		Printer Label	Carton

Email Enhancements

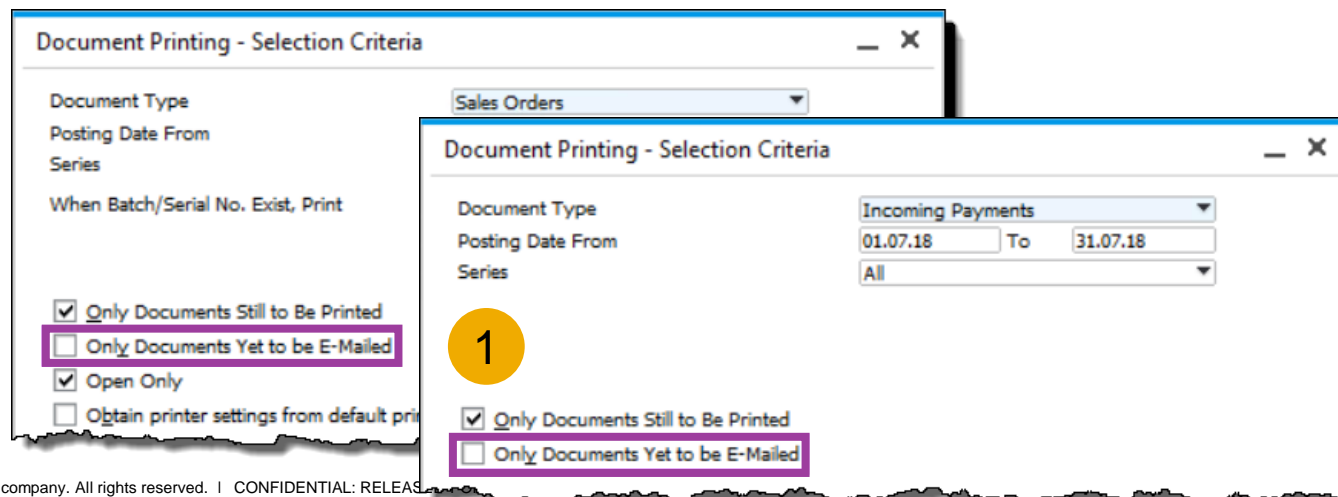


Feature

- 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

Benefit

- Better E-Mail handling



Pick and Pack Selection Criteria Enhancement



Feature

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

Benefit


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

SAP Business One 9.3 **PL04**



SAP Business One 9.3 PL04 – Overview Note [2589089](#)

SAP Business One 9.3, version for SAP HANA PL04 – Overview Note [2589127](#)

Relevant Country	Type		Details
All	Legal changes	EU GDPR – General Data Protection Regulation (Slides GDPR 1 – 10) Please refer to the How to Guide for additional details	SAP Note 2519273
All	Integration framework (B1if)	EU-GDPR: Remove Personal Data of Request for Quotation (RFQ) Solution History from Integration Framework	SAP Note 2625880
All	DRQ	Enable Closing Landed Costs on Perpetual Inventory System	SAP Note 2615900
All	DRQ	Block Drawing GRPO and A/P Invoice to Landed Costs	SAP Note 2617894
All	Important correction	Import Cost Elements with the Data Transfer Workbench	SAP Note 2576703
All	Important correction	System Landscape Directory Control Center can start an offline SLD agent	SAP Note 2598596
All	Important correction	Column to write comment for attachments in marketing documents and master data	SAP Note 2598740
All	Important correction	Uninstalling the License Service Secondary Node Removes the Primary Node Registration Record in the System Landscape Directory 	SAP Note 2567492
All	Important correction	The UpdateTime property for Items and Documents object had been changed to read-write property type	SAP Note 2441154

SAP Business One 9.3 PL04 – Overview Note [2589089](#)

SAP Business One 9.3, version for SAP HANA PL04 – Overview Note [2589127](#)

Relevant Country	Type		Details
All	Important correction	Empty UDFs Displayed on Production Orders	SAP Note 2593946
All	Important correction	Production Order Variance Report and <i>Additional Cost</i> Value When Resource Linked to Non-Inventory Item	SAP Note 2597462
All	Important correction	Description Column in Production Order Variance Report	SAP Note 2590088
All	Important correction	Production Variance Report Improvements and Fixes	SAP Note 2592232
All	Integration framework (B1if)	New Version Integration Framework 2.0 Added to Integration Framework 1.x	SAP Note 2638618

SAP Business One 9.3 PL04 – Overview Note [2589089](#)

SAP Business One 9.3, version for SAP HANA PL04 – Overview Note [2589127](#)

Relevant Country	Type		Details
HU	Legal changes	Online Invoicing	SAP Note 2605141
IN	Legal changes	Goods and Service Tax – request access to SAP JAM on GST from Martin Pavlinsky	SAP Note 2194689
BR	Legal changes	Copy Cost Centers and Distribution Rules to Tax Accounts on Journal Entries	SAP Note 2624089
IT	Legal changes	Tax Summary Report changes	SAP Note 2615969
AR	Legal changes	Payments by Withholding Tax Certificate	SAP Note 2619492

Personal Data Protection Management Initialization

GDPR (1/10)

The screenshot shows the 'Company Details' window in SAP, specifically the 'Basic Initialization' tab. The 'Chart of Accounts Template' is set to 'SKR03', 'Local Currency' and 'System Currency' are 'Euro', and 'Default Account Currency' is 'All Currencies'. Several checkboxes are checked, including 'Display Credit Balance with Negative Sign', 'Multi-Language Support', 'Use Perpetual Inventory', 'Manage Item Cost per Warehouse', 'Allow Stock Release Without Item Cost', 'Mask Credit Card Number', and 'Enable Personal Data Protection Management'. The 'Enable Personal Data Protection Management' checkbox is highlighted with a red rectangle. The 'Terms and Conditions' field is empty, and the 'Browse' button is visible next to it. The 'OK' and 'Cancel' buttons are at the bottom.

Feature

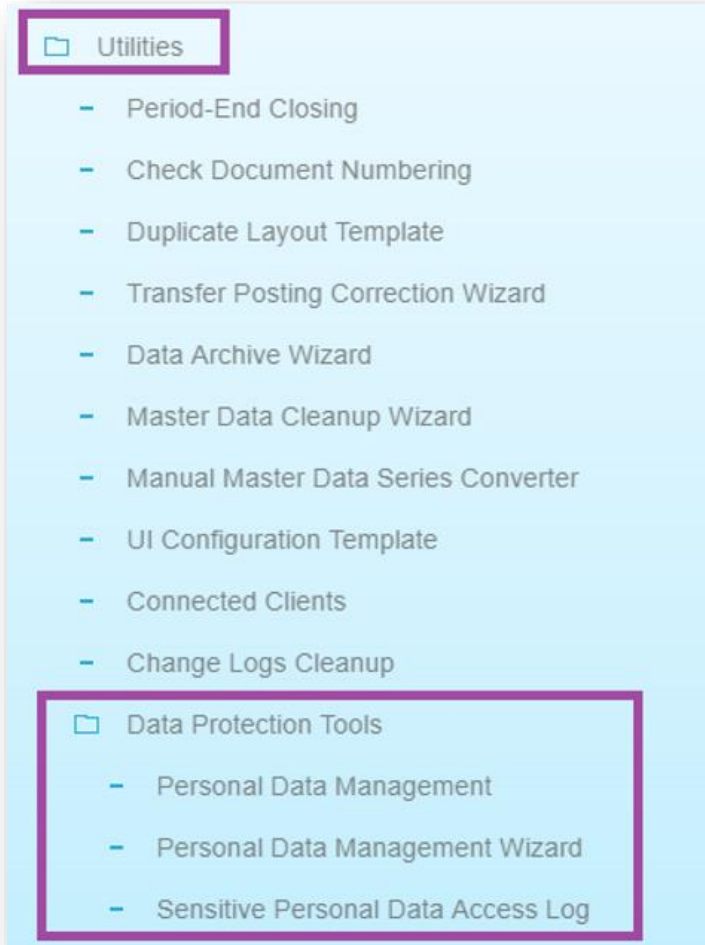
- Initialization setting on Company Details form to activate all new Data Privacy and Protection enhancements in SAP Business one.
- Automatically activated for all localizations for EU countries, Norway and Switzerland after upgrade to 9.3 PL04. It can be turned off (not recommended) before any natural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

Benefit

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

Data Protection Tools – Main Menu Entry

GDPR (2/10)



Feature

- Data Protection Tools are managed under Administration/Utilities.

Benefit

- Centralized location for managing personal data protection.

Personal Data Management

GDPR (3/10)

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.

Benefits

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

Personal Data Management Authorizations

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.

Benefits

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

Personal Data – Change Log Enhancements

GDPR (5/10)

The screenshot displays three SAP interface components. The top component, titled 'Activity', contains a form with fields for Activity (Phone Call), Type (General), Subject, Assigned To (User - Jayson Butli), Assigned By (Jayson Butler), and a checkbox for Personal. It also includes fields for Number (2), BP Code (C20000), BP Name (Maxi-Teq), Contact Person (Max Teq), and Telephone No. (555-0139). The middle component, titled 'Change Log...', shows a table with two rows of change log entries. The bottom component, titled 'Differences', shows a table with one row of difference data.

#	Instance	Object Code	Object Code	Updated	Updated by	Created	Created By
1	1	2	2	03/21/2018	Jayson Butler	C20000	Jayson Butle
2	2	2	2	03/21/2018	Jayson Butler	C20000	Jayson Butle

#	Date	Changed Field	Previous Value	New Value	User Name
2	03/21/2018	Telephone	555-0137	555-0139	Jayson Butler

Feature

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

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.

Sensitive Personal Data – Access Log (Germany only)

GDPR (6/10)

The screenshot shows two SAP windows. The 'Employee Master Data' window on the left displays fields for personal data, including First Name (Bernhard), Middle Name, Surname (Heinrich), Job Title (Vertrieb), Position (Vertrieb), Department (Vertrieb), Branch (Haupt), Manager (Leitner, Robert), User Code (bernhard), Sales Employee (Bernhard Heinrich), and Cost Centre. The 'Sensitive Personal Data Access Log' window on the right shows a table of user access logs. The table has columns: User Code, User Name, Superuser, Locked, Canceled, and Latest Data Access. The 'manager' user is highlighted, showing access to 'Personal Sensitive Data' on 19.03.2018 at 00:15:30. A context menu is open over the 'Display Sensitive Data' button in the Employee Master Data window.

User Code	User Name	Superuser	Locked	Canceled	Latest Data Access
friedric	Friedrich Günthe	No	No	N	
georg	Georg Travnick	No	No	N	
gunther	Günther Zeiner	No	No	N	
gustav	Gustav Kilian	No	No	N	
hermann	Hermann Ludger	Yes	No	N	
hinrich	Hinrich Günter	No	No	N	
ingolf	Ingolf Müller	No	No	N	
isabel	Isabel Meißner	No	No	N	
johann	Johann Brugstall	No	No	N	
karl	Karl Salzberger	No	No	N	
kolman	Kolman Winfried	No	No	N	
konrad	Konrad Eberhart	No	No	N	
kora	Kora Adelheid	No	No	N	
manager	Robert Leitner	Yes	No	N	19.03.2018 00:15:30
maria	Maria Breil	No	No	N	
marianne	Marianne Wollong	No	No	N	
olaf	Olaf Böhm	No	No	N	
stephan	Stephanie Hofma	No	No	N	

Access Channel	Object Type	Key/...	Data Subject	Accessed Property	Access Time
UI	Employees	5	EMP 5	Religion	19.03.2018 00:15:30
UI	Employees	5	EMP 5	Religion of Partner	19.03.2018 00:15:30
UI	Employees	5	EMP 5	Religion	19.03.2018 00:15:30
UI	Employees	5	EMP 5	Religion of Partner	19.03.2018 00:15:30

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.

Benefit

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

Determine Natural Person

GDPR (7/10)

Personal Data Management Wizard

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

General Parameters

Select this action when you wish to determine Business partners, Employees, Users and Contact Persons as Natural Persons (Set On the setting Natural Person in the related Master Data).

The wizard contains Personal Data Report and Personal Data Cleanup can be applied on natural persons only.

Business Partner Master Data

Code: Manuell, C99998, Customer

Name: Web Einmalkunde

Foreign Name:

Group: Kunden

Currency: Euro

Federal Tax ID:

Account Balance: 0.00

Deliveries: 614.52

Orders: 0.00

Opportunities:

Local Currency:

Personal Data Management

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

6 Summary Report

General

Tel 1:

Tel 2:

Mobile Phone:

Fax:

E-Mail:

Web Site:

Shipping Type:

Password:

Factoring Indicator:

BP Project:

Industry:

Business Partner Type: Company

Contact Person:

ID No. 2:

Unified Federal Tax ID:

Remarks:

Sales Employee:

Verkaufsleiter

BP Channel Code:

Technician:

Territory:

Language: German

Alias Name:

GLN:

Block Sending Marketing Content:

From: To: Remarks:

Personal Data Protection

☒ Natural Person

Status: None

OK Cancel

You Can Also

Feature

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

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.

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

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.

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

6 Summary Report

General Parameters

Select this action when you wish to create a Personal Data Report for a natural person. The result is a report which includes the personal data of the natural person, in master data and in documents, which is held by the company.
The need to create a personal data report can be driven by a request from a natural person (Business Partner/Employees/User/Contact persons) to view any personal data held about him by the company.

Run Name

Pdm20180319n2

Run Date

19.03.2018

Action

Personal Data Report

Personal Data Report

Personal Data Cleanup

Determine Natural Persons

Reverse Natural Person Determination

Personal Data Report - Report Results

Report Results display the personal data of each selected natural person. When executing the wizard, personal data report is created for each natural person. The report can be printed or sent to the natural person via mail.

#	Natural Person	Natural Person Name	Natural Person Code	Data Type	Field Name	Database reference	Value
1	Users						
2		▼ Alex Torres	19				
3				Users	User Name	OUSR_U_NAME	Alex Torres
4				Users	E-Mail	OUSR_E_Mail	alex.torres@oec.com
5	Employee Master Data						
6		▼ Barrera, willam	3				
7				Employees	[Home Address]	OHEM.[Home Address Kings Road, 1345, 5.7.8, AT, 94444	
8				Employees	Last Name	OHEM.lastName	Barrera
9				Employees	First Name	OHEM.firstName	willam
10				Employees	Job Title	OHEM.jobTitle	HR
11				Employees	Mobile Phone	OHEM.mobile	57-99999
12				Employees	Home Phone	OHEM.homeTel	39-99999
13				Employees	E-Mail	OHEM.eMail	w.barr@ad.com
14				Employees	Name Positioning Set	OHEM.NamePos	Last Name, First Name
15				Employees	Religion	OHEM.ReligionCode	
16				Employees	Religion of Partner	OHEM.RelPartner	
17				Employees	Deviating Bank Accov	OHEM.DevBAOwner	No
18	Business Partner Master Data						
19		▼ Maxi-Teq	C20000				
20				Business Partner	[Bill To]	OCRD.[Bill To]	4417 Stonebridge Rd, Suite 500, Northampton, Northampton County, 18067
21				Business Partner	[Ship To]	OCRD.[Ship To]	4417 Stonebridge Rd, Suite 500, Northampton, Northampton County, 18067
22				Business Partner	BP Name	OCRD.CardName	Maxi-Teq
23				Business Partner	Telephone 1	OCRD.Phone1	555-0110
24				Business Partner	Fax Number	OCRD.Fax	555-0111
25				Business Partner	E-Mail	OCRD.E_Mail	info@maxi-teq.sap.com
26				Business Partner	Default Account	OCRD.DFAccount	230-5789-456464
27				Business Partner	Credit Card No.	OCRD.CrCardNum	ujenKH06+1/52YLSH10g==
28				Business Partners - Addresses	[Ship To]/[Bill To]	CRD1.[Ship To]/[Bill To]	4417 Stonebridge Rd, Suite 500, Northampton, Northampton County, 18067, PA

Feature

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

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.

Reverse Natural Person Determination

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

General Parameters

Select this action when you need to reverse the natural person determination (set Off the setting Natural Person).

This action cannot be applied on a natural personal whose personal data was already cleared (by Personal Data Cleanup).

Run Name	<input type="text" value="Pdm20180321n4"/>
Run Date	<input type="text" value="03/21/2018"/>
Action	<input type="text" value="Reverse Natural Person Determination"/>

[illegible]

Feature

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

Benefit

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

Personal Data Cleanup – Irreversible Erasure of Personal Data

GDPR (10/10)

The screenshot displays the SAP Personal Data Management Wizard interface. The 'General Parameters' screen is active, showing a list of reasons for erasing personal data. Below it, the 'Business Partner Master Data' screen is visible, showing various fields for a business partner, including contact information, account balance, and status. The 'Status' field is highlighted with a red box, showing 'Erased'.

Personal Data Management Wizard

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

6 Summary

General Parameters

Select this action when you wish to erase personal data of a natural person. Erasing personal data might be needed when:

- The purpose for which the personal data is held by the company does not exist anymore (the natural person has no business relations with the company and any financial/legal process for which this data is needed were completed).
- The company is requested by a natural person to erase his personal data.

Business Partner Master Data

Code: Manuell C20088 Customer

Name: *

Foreign Name: *

Group: Einzelhandel

Currency: Euro

Federal Tax ID: *

Account Balance: 0,00

Deliveries: 0,00

Orders: 0,00

Opportunities: *

Local Currency: *

General

Tel 1: *

Tel 2: *

Mobile Phone: *

Fax: *

E-Mail: *

Web Site: *

Shipping Type: *

Password: *

Factoring Indicator: *

BP Project: *

Industry: *

Business Partner Type: Company

Alias Name: *

GLN: *

Block Sending Marketing Content: *

Personal Data Protection

☒ Natural Person

Status: Erased

OK Cancel

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.

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.

SAP Business One 9.3 **PL03**



SAP Business One 9.3 PL03 – Overview Note [2586673](#)

SAP Business One 9.3, version for SAP HANA PL03 – Overview Note [2586742](#)

Relevant Country	Type		Details
IN	Legal changes	*Goods and Service Tax – request access to SAP JAM on GST from Martin Pavlinsky	SAP Note 2194689
CH	Legal changes	*Payment and Banking Compliance with ISO 20022 (including QR Reader)	SAP Note 2541475
DE/FR	Legal changes	*Enable Journal Entry split for payments	SAP Note 2558685
RU	Legal changes	*Tax Invoice layout change	SAP Note 2540116
RU	Legal changes	*Statement of Import (SOI) Wizard	SAP Note 2511797
RU	Legal changes	*Customs Cargo Declaration modifications	SAP Note 2565035
IT	Legal changes	*Both stamp duty (Bollo) and tax exempt lines can appear on the same invoice	SAP Note 2524773
ES	Legal changes	*Immediate Information Supply - Annual Report option added	SAP Note 2535625
ES	Legal changes	*Immediate Information Supply - Authorization created	SAP Note 2541020

*Legal changes delivered in SAP Business One 9.2 PL10 and synchronised with SAP Business One 9.3 PL03

SAP Business One 9.3 PL03 – Overview Note [2586673](#)

SAP Business One 9.3, version for SAP HANA PL03 – Overview Note [2586742](#)

Relevant Country	Type		Details
UA	Legal changes	User interface delivered in Ukrainian language	SAP Note 2621474
All	Important correction	Routing Date Calculation Estimates Commitment Based on Open Qty Instead of Planned Qty	SAP Note 2575148
All	Important correction	Routing Date Calculation takes Consumed Resource Capacity into Consideration	SAP Note 2575148
All	Important correction	Embedded Incident Management - Upload to Partner WebDAV scenario	SAP Note 2573171
All	Important correction	Packing Query Authorization Groups by using Solution Packager	SAP Note 2585132
All	Important correction	Packing Cost Elements by using Solution Packager	SAP Note 2576510
All	Important correction	Copying Cost Elements by using Quick Copy	SAP Note 2583201
IT	Important correction	*Withholding Tax Certificate Change	SAP Note 2576024

*Legal changes delivered in SAP Business One 9.2 PL10 and synchronised with SAP Business One 9.3 PL03

Embedded Incident Management



Recorded Steps

This file contains all the steps and information that was recorded to help you describe the recorded steps to others. Before sharing this file, you should verify the following:

- The steps below accurately describe the recording.
- There is no information below or on any screenshots that you do not want others to see.

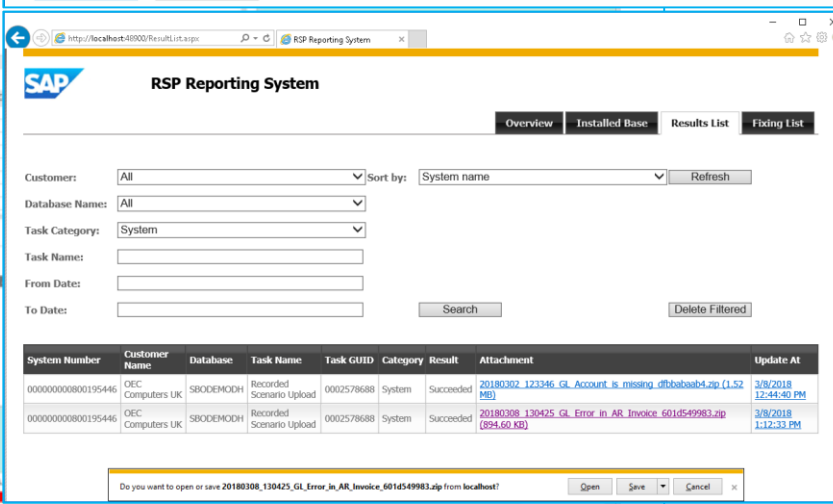
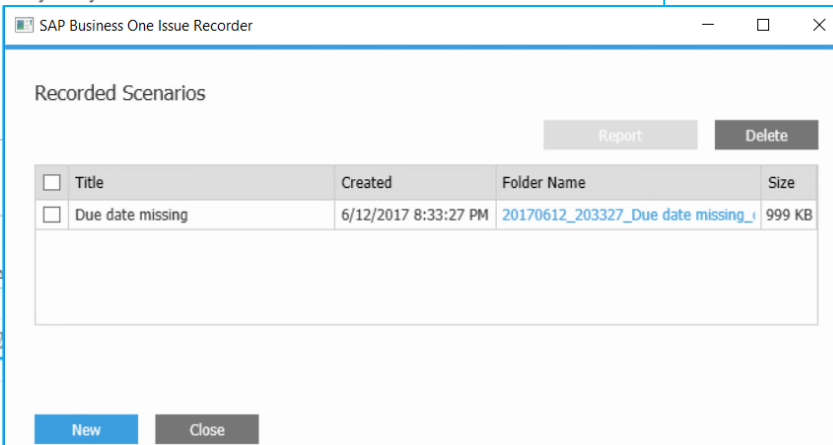
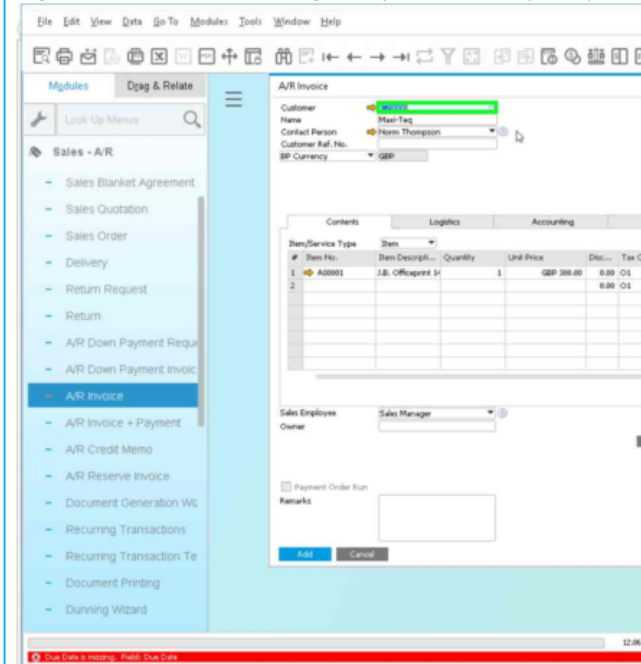
Passwords or any other text you typed were not recorded, except for function and shortcut keys that you used.

You can do the following:

- [Review the recorded steps](#)
- [Review the recorded steps as a slide show](#)
- [Review the additional details](#)

Steps

Step 1: (6/12/2017 8:37:15 PM) User keyboard input on "A/R Invoice (window)" in "SA



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

Benefit

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




SAP Business One 9.3 **PL02**



SAP Business One 9.3 PL02 – Overview Note [2547115](#)

SAP Business One 9.3, version for SAP HANA PL02 – Overview Note [2547132](#)

Relevant Country	Type		Details
All	DRQ	Status on Production Order / Check for remaining Resource / Item commitments with Completed line Status	SAP Note 2547427
All	DRQ	Run the Routing Date Calculation from a specific row via right-click	SAP Note 2540739
All	DRQ	Inventory Posting List Added as a Right-Click Option on Production Order	SAP Note 2541298
All	DRQ	Bill of Material – Component Management Supporting Routing Bill of Material – Component Management Supporting Change BOM Header	SAP Note 2547484
All	DRQ	Enable Referenced Document functionality on Production Order – Summary Tab	SAP Note 2547531
All	DRQ	Variance Report added for Production Order	SAP Note 2557963
All	DRQ	Search Function used to search windows under the Tools menu option	SAP Note 2553836
All	DRQ	Clearing Search Content with One Click When the Fiori-Style Cockpit Is Enabled	 SAP Note 2553852
All	DRQ	User Defined Field extension	SAP Note 2587289


SAP Business One 9.3 PL02 – Overview Note [2547115](#)

SAP Business One 9.3, version for SAP HANA PL02 – Overview Note [2547132](#)

Relevant Country	Type		Details
All	DRQ	New Context Menu Options for generating Payments and Journal Entries from the Bank Statement Details Window	SAP Note 2553760
All	Important correction	Copy Line Details from External Bank Statement	SAP Note 2559687
All	Important correction	Enforce setting to mask Credit Card numbers after upgrading database	SAP Note 2565442
All	Important Correction	Validation process is skipped when adding a duplicate Bill of Materials	SAP Note 2553885
All	Important Correction	FMS in Production Order is Not Triggered Automatically for Components	SAP Note 2567098
All	Important Correction	FMS in Bill of Materials Causes Source Fields to Keep Original Value	SAP Note 2566931
All	Important Correction	Incorrect Base Ratio and Component Planned Quantity in Production Order	SAP Note 2561828
All	Important Correction	Duplicate Row Option Is Missing on Production Order	SAP Note 2559881
All	Important correction	Support adding Query Authorization Groups In Query Categories Management	SAP Note 2581908

SAP Business One 9.3 PL02 – Overview Note [2547115](#)

SAP Business One 9.3, version for SAP HANA PL02 – Overview Note [2547132](#)

Relevant Country	Type		Details
All	Important correction	Support Query groups assignment In Query Categories Management	SAP Note 2581880
All	Important correction	Support User Group Selection In Alert Management Form	SAP Note 2572812
All	Important correction	Generate Data Transfer Workbench Templates Without MS Excel	SAP Note 2553305
All	Important correction	Copy the Authorizations of Crystal Reports and Dashboards for Users or User Groups	SAP Note 2547129
All	SDK	Expose Semantic Layer as an OData Service 	SAP Note 2538519
All	SDK	Using Extension Package Tool in Command Line Mode	SAP Note 2582447
All	SDK	DI API Production Order Routing Date Calculation - 'Update Now' Can Be Run via DI API	SAP Note 2559879

SAP Business One 9.3 PL02 – Overview Note [2547115](#)

SAP Business One 9.3, version for SAP HANA PL02 – Overview Note [2547132](#)

Relevant Country	Type		Details
US	SDK	SDK Availability for Tax Service	SAP Note 2549087
MX	Legal changes	Web Service CFDi functionality enhancements	SAP Note 2537094
UA	Legal changes	Localization for Ukraine now available	SAP Note 2585334

Production Routing (1/3)



Production Order

Type: Standard
Status: Planned
Product No.: P10003
Product Description: PC Set 1
Planned Quantity: 1 UoM Name:
Warehouse: 01
Priority: 100
Routing Date Calculation: Start Date Forwards **Update Now**

No. Primary 155
Order Date 12.12.17
Start Date 12.12.17
Due Date 01.01.18
User Jayson Butler
Origin Manual
Sales Order
Customer
Distr. Rule
Project

#	Type	No.	Description	Planned Qty	Issued	Available	Issue Method	Status	Production Time
1	Route Stage	Assembly	Assembly					Planned	
2	Item	P10001	PC - P4 2.4G, DDR 512M, 400G HD	1	0	-39	Backflush	Planned	
3	Item	A00003	J.B. Officeprint 1186	1	0	544	Backflush	Planned	
4	Item	L10001	Labour	1			Backflush	Complete	
5	Route Stage	Engraving	Engraving					Planned	0:00:01
6	Resource	R300007	Junior Technician	1	0	0	Backflush	In Progress	0:00:01
7	Route Stage	Quality	Quality Control					Complete	0:00:01
8	Resource	R300006	Senior Technician	1.000	0	0	Backflush	Planned	0:00:01
9	Item				0	0		Planned	

Remarks

System Message

Reduce "Planned Qty" to match "Issued Qty"?

☐ Remember My Answer and Do Not Show This Message Again

Yes No

Feature

- A new *Status* column is added to *Production Order* to set a line status for *Route Stage*, *Item* or *Resource* to *Planned*, *In Progress* or *Complete*.
- The *Status* field is editable on all lines. The status of all component lines will be updated according to the status on the *Route Stage* line.
- When the line *Status* is changed to *Complete*, a check is performed across all line items and a system message appears asking the user to *Reduce Planned Qty* to match *Issued Qty*. The answer will be valid for all components.
- When a *Route Stage* is set to *Complete* it will not contribute any data to the algorithm which calculates the Routed Production Order Start Date Forwards/End Date Backwards behaviour

Production Routing (2/3)



Production Order

Type: Standard
Status: Planned
Product No.: P10003
Product Description: PC Set 1
Planned Quantity: 1
Warehouse: 01
Priority: 100
Routing Date Calculation: Start Date Forwards

No. Primary 155
Order Date 12.12.17
Start Date 12.12.17
01.01.18
Jayson Butler
Manual

Update Now

#	Type	No.	Description	Planned Qty	Issue
1	Route Stage	Assembly	Assembly		
2	Item	P10001	PC - P4 2.4G, DDR 512M, 400G HD	1	
3	Item	A00003	J.B. Officeprint 1186	1	
4	Item	L10001	Labour	1	
5	Route Stage	Engraving	Engraving		
6	Resource	R300007	Junior Technician	1	
7	Route Stage	Quality	Quality Control		
8	Resource	R300006	Senior Technician	1.000	
9	Item				

Recalculate Route Stage Dates

Production Order

Recalculate and overwrite start and end dates from this stage onwards?

Yes No

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

Production Routing (3/3)



Production Order

Type: Standard
Status: Released
Product No.: P10003
Product Description: PC Set 1
Planned Quantity: 1
Warehouse: 01
Priority: 100
Routing Date Calculation: Start Date Forwards

No.: Primary
Order Date: 12.12.17
Start Date: 12.12.17
Due Date: 01.01.18
User: Jayson Butler

Update Now

#	Type	No.	Description	Planned Qty	Iss
1	Route Stage	Assembly	Assembly		
2	Item	P10001	PC - P4 2.4G, DDR 512M, 400G HD	1	
3	Item	A00003	J.B. Officeprint 1186	1	
4	Item	L10001	Labour	1	
5	Route Stage	Engraving	Engraving		
6	Resource	R300007	Junior Technician	1	
7	Route Stage	Quality	Quality Control		
8	Resource	R300006	Senior Technician	1	
9	Item				

Remarks:

Pick and Pack: ☐

OK Cancel

- Cancel
- Duplicate
- Add Row
- Delete Row
- Duplicate Row
- Filter Table
- New Activity
- Related Activities
- Report Completion
- Transfer Request
- Component Transfer
- Generate Pick List
- View Pick Lists
- Inventory Posting List
- Recalculate Route Stage Dates
- Relationship Map...
- Display Route Stages
- Display Items
- Display Resources

Feature

- The Right Click option on the Production Order with status *Released* will show the option *Inventory Posting List*.
- This option is also available on the Resource Master Data window showing the inventory posting list for specific resources.

Benefit

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

Bill of Material Component Management (1/2)



Bill of Materials - Component Management - Selection Criteria

Management Task: **Change BOM Lines**

Select BOMs

BOM Product No. To

BOM Item Group To

BOM Type

BOM Warehouse No. From To

BOM Distr. Rule From To

BOM Project From To

Routed: ☒ Yes ☐ No

Route Sequence From To

Route Stage From To

Select BOM Lines

Item From To

Resource

Text

Route Stage

Lines to Be Changed

☐ Change Additional Quantity

☐ Change Warehouse

☐ Change Issue Method

☐ Change WIP Account

☒ Change Route Sequence

☒ Change Route Stage

☒ Change Price List

☒ Change Distr. Rule

☒ Change Project

OK Cancel

Feature

- New section *Routed* shall be added to include filtering for:
 - Route Sequence (From - To)
 - Route Stage (From - To)
- Route Stage is a new option under Select BOM Lines giving you the ability to:
 - Delete route stage rows together with all components belonging to this route stage
 - Change Route Stage Code and Waiting Days for existing Route Stage.
- Add BOM Lines and Change BOM Lines management tasks now have the option to set and/or change *Price List*, *Distr. Rule* and *Project* details.
- Change Route Sequence and Change Route Stage are also new options when Routed is set to Yes and *Item*, *Resource* or *Text* is selected.

Benefit

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

Bill of Material Component Management (2/2)



Bill of Materials - Component Management - Selection Criteria

Management Task: **Change BOM Header**

Select BOMs

BOM Product No.
BOM Item Group
BOM Type
BOM Warehouse No.
BOM Distr. Rule
BOM Project

Specify Properties for BOM Header to Be Changed

☒ Change Quantity
☐ Change Warehouse
☐ Change Price List
☐ Change Distr. Rule
☐ Change Project
☐ Change Planned Average Production Size

From To
From To
From To

10.000
0.000

☒ Update Rows

OK Cancel

Bill of Materials - Component Management - Change Header Preview

Selected	BOM Product No.	BOM Item Group	BOM Type	BOM Wareho...	Existing Quantity	Replacement Quantity
<input checked="" type="checkbox"/>	LM4029	Items	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	LM4029PS	Items	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	MRP_BOM	Items	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	MRP_Child1	Items	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	P10001	PCs	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	P10002	PCs	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	P10003	PCs	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	P10004	PCs	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	P20001	Servers	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	P20002	Servers	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	P20003	Storage	Production	01	1.000	10.000
<input checked="" type="checkbox"/>	S10000	Servers	Production	01	1.000	10.000

OK Cancel

☒ Update Rows

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.

Referenced Documents for Production Orders



Production Order

Type: Standard
Status: Released
Product No.: P10001
Product Description: PC - P4 2.4G, DDR 512M, 400G HD
Planned Quantity: 100
Warehouse: 01
Priority: 100
Routing Date Calculation: On Start Date

No.: Primary 156
Order Date: 01.01.18
Start Date: 01.01.18
Due Date: 01.01.18
User: Jayson Butler
Origin: Manual
Sales Order:
Customer:
Distr. Rule:
Project:

Update Now

Components Summary

Costs
Actual Item Component Cost: GBP 48,741.57
Actual Resource Component Cost:
Actual Additional Cost: GBP 2,000.00
Actual Product Cost: GBP 50,741.57
Actual By-Product Cost:
Total Variance: GBP 0.00
Journal Remark: Production Order - P10001

Quantities
Planned Quantity: 100
Completed Quantity: 100
Rejected Quantity:

Planned Times
Total Production Time:
Total Additional Time:
Total Run Time:

Referenced Document

OK Cancel

Feature

- Able to add referenced documents to the Production Orders.
- Production Orders can also be referenced by other documents.

Benefit

- Standardize functionality throughout the system.

Reference Information

Document Referenced To			Document Referenced By		
#	Transact. Type	Doc. Number	Ext. Doc. Number	Date	Remarks
1	Purchase Order	721		01.01.18	
2	Delivery Notes	1348		11.12.17	
3					

OK Cancel

Variance Report for Production Orders



Production Order

Type: Standard
Status: Released
Product No.: P10001
Product Description: PC - P4 2.4G, DDR 512M, 400G HD
Planned Quantity: 100
Warehouse: 01
Priority: 100
Routing Date Calculation: On Start Date
Update Now

No.: Primary 156
Order Date: 01.01.18
Start Date: 01.01.18
Due Date: 01.01.18
User: Jayson Butler
Origin: Manual
Sales Order:
Customer:
Distr. Rule:
Project:

Components Summary

Costs
Actual Item Component Cost: GBP 48,741.57
Actual Resource Component Cost:
Actual Additional Cost: GBP 2,000.00
Actual Product Cost: GBP 50,741.57
Actual By-Product Cost:
Total Variance: GBP 0.00
Journal Remark: Production Order - P10001
Referenced Document: ...

Quantities
Planned Quantity: 100
Completed Quantity: 100
Rejected:
Dates
Due Date:
Actual Date:
Overdue:

Planned Times
Total Production Time:
Total Additional Time:

Variance Report

#	Type	No.	Qty	Avg. Cost	Total	Variance
1	Item Component	C00001	-100.000	GBP 144.02	GBP -14,402.01	GBP 0.00
2	Item Component	C00003	-100.000	GBP 44.75	GBP -4,475.12	GBP 0.00
3	Item Component	C00004	-100.000	GBP 12.29	GBP -1,229.09	GBP 0.00
4	Item Component	C00005	-100.000	GBP 21.45	GBP -2,144.69	GBP 0.00
5	Item Component	C00006	-100.000	GBP 4.86	GBP -486.39	GBP 0.00
6	Item Component	C00007	-100.000	GBP 163.46	GBP -16,346.15	GBP 0.00
7	Item Component	C00008	-100.000	GBP 71.90	GBP -7,190.23	GBP 0.00
8	Item Component	C00009	-100.000	GBP 7.50	GBP -750.37	GBP 0.00
9	Item Component	C00010	-100.000	GBP 3.20	GBP -319.72	GBP 0.00
10	Item Component	C00011	-100.000	GBP 13.98	GBP -1,397.80	GBP 0.00
11	Additional	L10001	-400.000	GBP 5.00	GBP -2,000.00	GBP 0.00
12	Product	P10001	100.000	GBP 507.42	GBP 50,741.57	GBP 0.00
						GBP 0.00

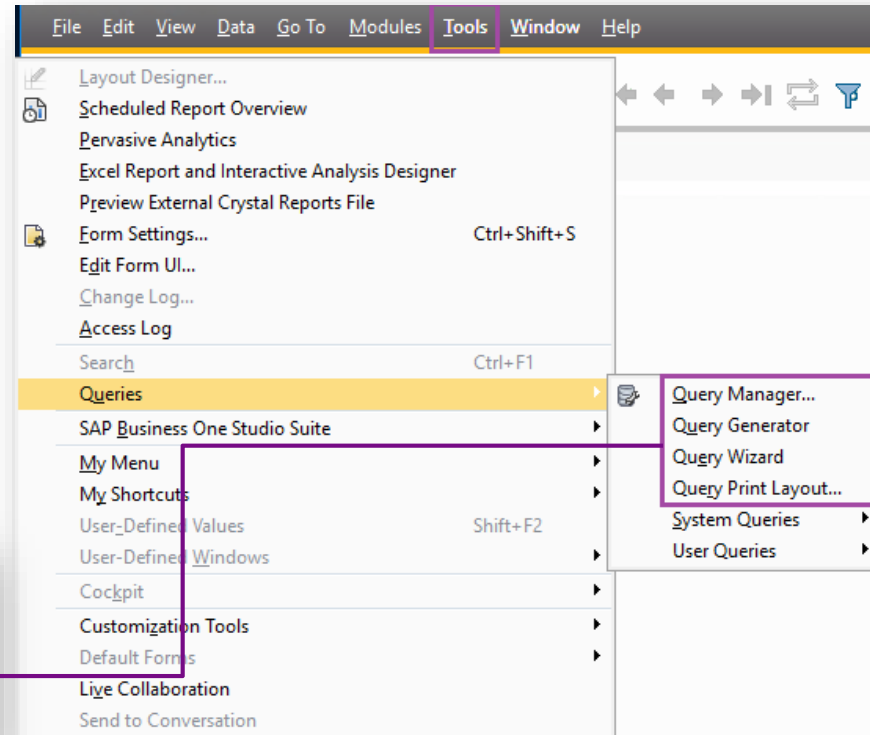
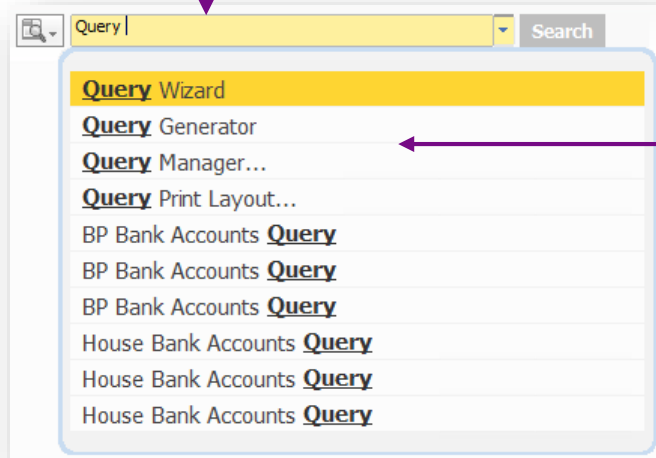
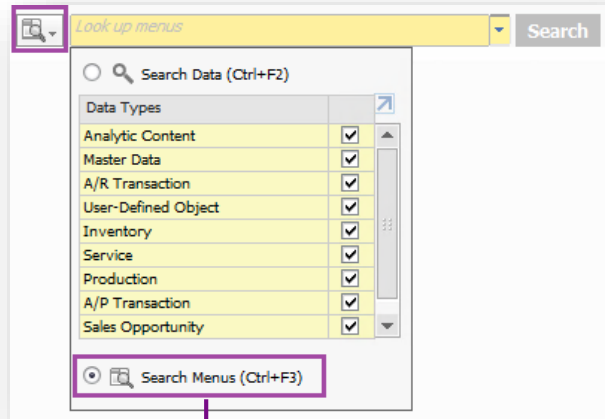
Feature

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

Benefit

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

Search Function used to search windows under the Tools menu option



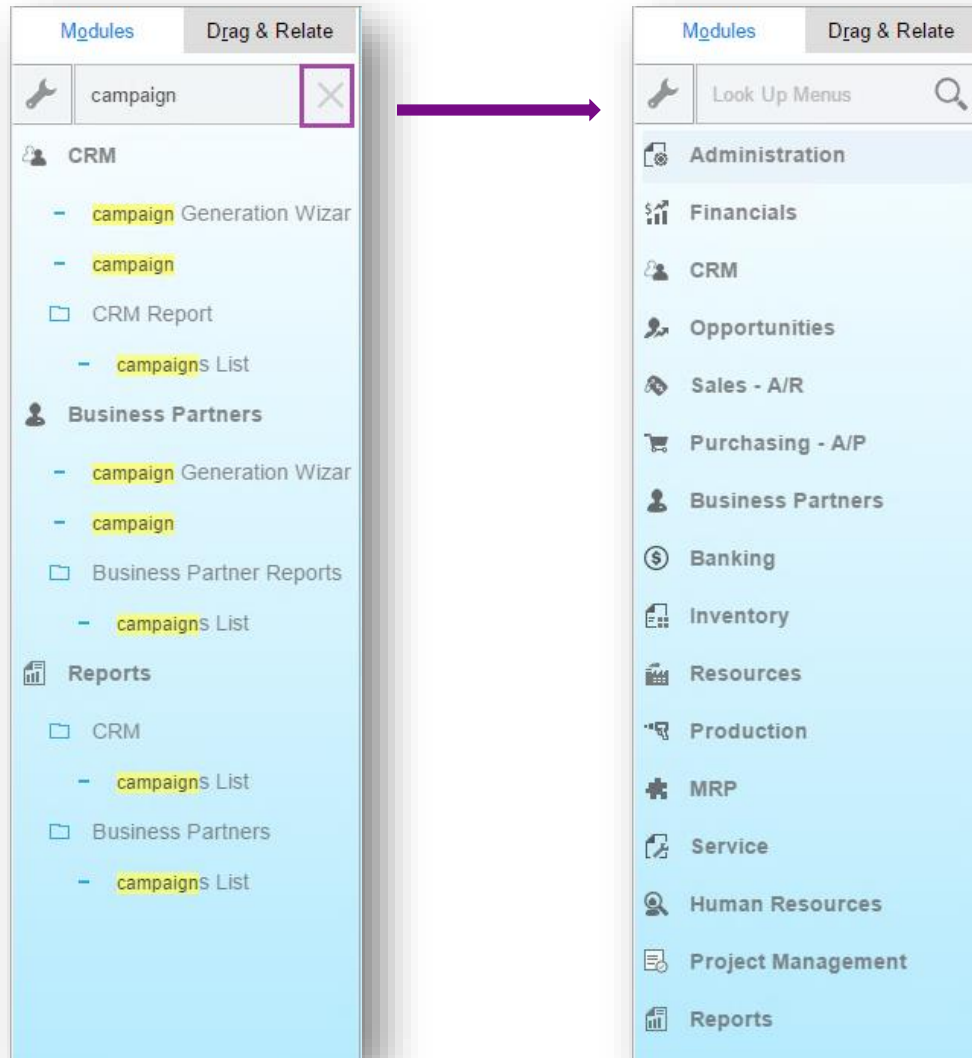
Feature

- Search function to search menu items
- Menu items now also include those from the Tools menu
- For SAP Business One, version for HANA you cannot use this with Fiori-Style Cockpit

Benefit

- Ease of use

Clearing Search Content with One Click When the Fiori-Style Cockpit Is Enabled



Feature

- "X" icon available to remove text in the search field with one click
- On removing the text, the main menu returns to original state

Benefit

- Ease of use

User Defined Field extension



Field Data

Title: myUDF Description: myUDF

Type: Alphanumeric Length: 15

Structure: Regular

Validation: Linked to Entities

☒ Link to System Object
☐ Set Linked Table
☐ Link to UDO

☐ Set Default Value for Field

☐ Mandatory Field

Add Cancel

Accounts

- OACT - Accounts
- OCRD - Business Partners
- OITM - Items
- OINV - A/R Invoices
- ORIN - A/R Credit Memos
- ODLN - Deliveries
- ORDN - Returns
- ORDR - Sales Orders
- OPCH - A/P Invoices
- ORPC - A/P Credit Memos
- OPDN - Goods Receipt PO
- ORPD - Goods Return
- OPOR - Purchase Orders
- OQUT - Sales Quotations
- ORCT - Incoming Payments
- OJDT - Journal Entries
- OVPM - Outgoing Payments
- OIGN - Goods Receipt
- OIGE - Goods Issue
- OWHS - Warehouses
- ODSC - Banks
- OUSR - Users
- ODPS - Deposits
- OCLE - Activities
- OCHO - Checks for Payment
- OITT - Bill of Materials
- OWTR - Inventory Transfers
- OOPR - Opportunity
- ODRF - Documents - Drafts
- OMRV - Inventory Revaluation
- OHEM - Employees
- OINS - Install Base
- OCTR - Service Contract
- OSCL - Service Call
- OWOR - Production Orders
- OWTQ - Inventory Transfer Request
- OOAT - Blanket Agreements
- OPMG - Project Management
- ORRR - Return Request
- OPRR - Goods Return Request

Feature

- More system objects can be linked to the UDFs

Benefit

- Better customization

Expose Semantic Layer as an OData Service



SAP HANA Model Management

Name	Author	Version
1 SAP HANA Model Package 1	SAP	1.2

Description

Package Name	View Name	View Type	Menu Descrip...	Menu Enable	Expose Service Layer
1 sap.sbodemo.ar.doc	SalesOrderHeaderQuery	Calculation View	#1430000030#7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2 sap.sbodemo.adm	Administration	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
3 sap.sbodemo.adm	BinLocation	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
4 sap.sbodemo.adm	Branch	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
5 sap.sbodemo.adm	BudgetCalc	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
6 sap.sbodemo.adm	BudgetSce	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
7 sap.sbodemo.adm	BusinessPe	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
8 sap.sbodemo.adm	CalendarD	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
9 sap.sbodemo.adm	CashFlowL	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
10 sap.sbodemo.adm	CostCentr	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
11 sap.sbodemo.adm	CostCentr	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
12 sap.sbodemo.adm	CostCentr	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
13 sap.sbodemo.adm	Country	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
14 sap.sbodemo.adm	Currency	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
15 sap.sbodemo.adm	Document	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>

Compatible Versions

SAP HANA
1 1.0.74
2 1.0.81
3 1.0.83

Update

GET https://MyHanaServer:50000/b1s/v1/sml.svc/SalesOrderHeaderQuery

Authorization Headers Body Pre-request Script Tests

Key	Value
New key	Value

Body Cookies (2) Headers (9) Test Results

Pretty Raw Preview JSON

```
1 {
2   "@odata.context": "https://:50000/b1s/v1/sml.svc/$metadata#SalesOrderHeaderQuery",
3   "value": [
4     {
5       "DocumentNumber": 1,
6       "BusinessPartnerChannelPartner": null,
7       "ContactPerson": "Christian Gander",
8       "DocumentOwner": null,
9       "ShippingType": "UPS Ground",
10      "PaymentMethodCode": "Incoming BT",
11      "PaymentTermCode": "2% 10 Tage, Netto 30 Tage",
12      "PostingDate": "2006-01-10",
13      "PostingYear": "2006",
14      "PostingQuarter": "Q1",
15      "PostingMonth": "01",
16      "PostingWeek": "02",
17      "PostingDateSQL": "2006-01-10",
```

Feature

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

Using Extension Package Tool in Command Line Mode



```
Command Prompt

C:\Program Files (x86)\sap\SAP Business One SDK\Tools\ExtensionPackage>ExtensionPackage.exe /v:"1.3" /86:"C:\Users\I043582\Desktop\AddOn Source\DemoAddOn\bin\x86\Release\DemoAddOn.exe" /64:"C:\Users\I043582\Desktop\AddOn Source\DemoAddOn\bin\x64\Release\DemoAddOn.exe" /p:"C:\Users\I043582\Desktop\AddOn Deployment Package\DemoAddOn.zip" /s:"C:\Users\I043582\Desktop\AddOn 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)

SAP Business One 9.3 **PL01**




SAP Business One 9.3 PL01 – Overview Note [2547104](#)

SAP Business One 9.3, version for SAP HANA PL01 – Overview Note [2547017](#)

Relevant Country	Type		Details
All	DRQ	Display Database Field Name for Import from Excel	SAP Note 2521050
All	DRQ	Multiple ways to input dates	SAP Note 2535468
All	DRQ	Managing multiple open windows	SAP Note 2535522
All	DRQ	User Group selection in UI Configuration Template	SAP Note 2572862
All	DRQ	Approval Procedure Enhancements	SAP Note 2512348
All	DRQ	Allow any Business Partner in A/R Invoice and Payment document header	SAP Note 2513151
All	DRQ	You can assign Serial/Batch Numbers to Return Requests	SAP Note 2553953
All	DRQ	Global setting to control “Display Batch Quantities By”	SAP Note 2556800

SAP Business One 9.3 PL01 – Overview Note [2547104](#)

SAP Business One 9.3, version for SAP HANA PL01 – Overview Note [2547017](#)

Relevant Country	Type		Details
All	DRQ	Summary of Production Module Enhancements	SAP Note 2535601
All	DRQ	Routing Date Calculation Functionality	SAP Note 2540739
All	DRQ	Run Time, Additional Time and Production Time on Production Order	SAP Note 2560255
All	DRQ	Production Order - New Selection Criteria for Issue Components, Transfer Request, Component Transfer	SAP Note 2559637
All	Important correction	Import from Excel now supports Effective Price field in BP Master Data	SAP Note 2523355
All	Important correction	Approval process now able to be restored after update to Approval Template or Approval Stage	SAP Note 2513040
All	Important correction	A new service for Service Layer allows document line live filtering.	SAP Note 2534810
All	Important Correction	Server Components Setup Wizard now allows Changing Parameters of Windows Domain User Authentication in the Reconfiguration Mode 	SAP Note 2522530
AR	Important correction	Withholding Tax cannot be copied by Quick Copy	SAP Note 2522895

Display Database Field Name for Import from Excel



Import from Excel

Data Type to Import: Business Partner

File to Import: [Browse]

Map the File Columns to the Object Fields: ☐ Display Database Field Name

Column in File	Field in Object
A	
B	
C	BP Code
D	BP Name
E	BP Currency
F	BP Type

Feature

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

Benefit

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

Import from Excel

Data Type to Import: Business Partner

File to Import: [Browse]

Map the File Columns to the Object Fields: ☒ Display Database Field Name

Column in File	Field in Object
A	
B	
C	BP Code [OCRD.CardCode]
D	BP Name [OCRD.CardName]
E	BP Currency [OCRD.Currency]
F	BP Type [OCRD.CardType]

Multiple ways to input dates



A/R Invoice

Customer: C20000
Name: Maxi-Teq
Contact Person: Norm Thompson
Customer Ref. No.:
BP Currency: GBP

No.: Primary 1306
Status: Open
Posting Date: 20.11.17
Due Date: +10
Document Date: 20.11.17

SYSTEM DATE + 10 = New DUE DATE

Sales Employee: Sales Manager
Owner:
Payment Order Run:
Remarks:

Total Before Discount:
Discount: %
Total Down Payment:
Freight: GBP 0.00
Tax: GBP 0.00
Total: GBP 0.00
Applied Amount:
Balance Due:

20.11.17 13:25

A/R Invoice

Customer: C20000
Name: Maxi-Teq
Contact Person: Norm Thompson
Customer Ref. No.:
BP Currency: GBP

No.: Primary 1306
Status: Open
Posting Date: 20.11.17
Due Date: 30.11.17
Document Date: 20.11.17

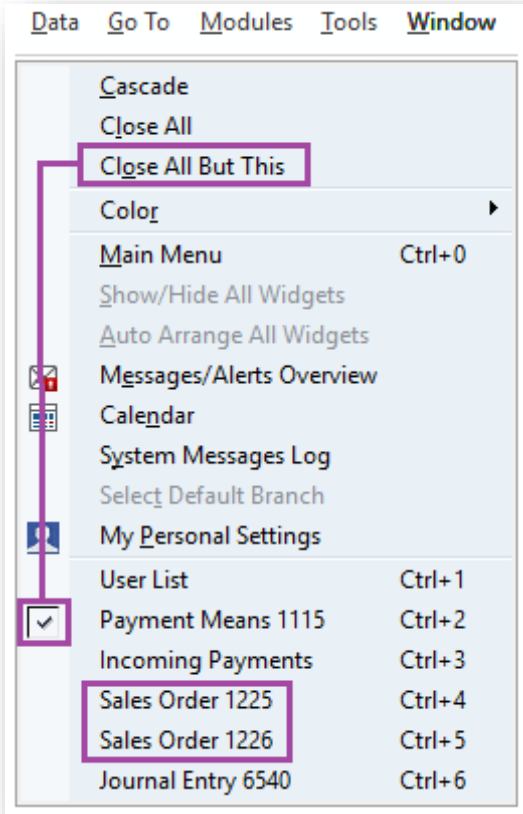
Feature

- 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 letters D,M,Y (not case sensitive)
 - NOTE: Do not leave a space between the operand(+/-), number(N) and period(D,M,Y)

Benefit

- Quicker date input
- Ease of use

Managing multiple open windows



Feature

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

Benefit

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

User Group selection in UI Configuration Template



UI Configuration Template

Name: New Sales Quote Templ
Description: New Sales Quote Template

Forms	Assigned Users	Assigned Groups
Select	Group Name	Description
1 <input checked="" type="checkbox"/>	Template1	Template for Remote Sales
2 <input type="checkbox"/>	Template2	Template for Services

User Groups

Name: Template1
Description: Template for Remote Sales
Group Type: UI Configuration Templates
Active From: To:

Group Type: UI Configuration T

Group Name
1 Template1
2 Template2

#	User Code	User Name	Department	From	To
1	bill	Bill Levine	Sales		
2	manager	Jayson Butler	General		
3					

Buttons: OK, Cancel, Create Group

Feature

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

Benefit

- Quickly apply UI Templates predefined groups of users.

Approval Procedure Enhancements



General Settings

BP Budget Services Display Font & Bkgd Path Inventory Resources Cash Flow Cockpit Cost Accounting Pricing Hide Functions

Customer Activity Restrictions

☐ Credit Limit ☐ A/R Invoice ☐ Sales Employees ☒ Enable Approval Process

☐ Commitment Limit ☐ Delivery ☐ Items ☐ Enable Approval Process in DI

☐ Consider Deliveries Balance ☐ Sales Order ☐ Customers ☒ Enable Updating Document Added/Updated by Approval Process

☐ Pick List

Payment Terms Preferences

Default Payment Method for Customer Default Payment Term for Customer - Geldbasis -

Default Payment Method for Vendor Default Payment Term for Vendor - Geldbasis -

Submit Credit Vouchers Automatically

Default Dunning Term for Customer - Standard -

☐ Apply Changes in BP Fields to New Business Partners Only

☒ Display Inactive Business Partners in Reports

☒ Display Inactive Business Partners in Marketing Documents

☐ Apply IBAN Validation to Bank Accounts

☐ Enable Data Ownership

Manage Data Ownership By Document Only

Blanket Agreement

☐ Allow Multiple Blanket Agreements for Same Period

☐ Enable Updating Price/Planned Amount in Blanket Agreement with L

Approval Status Report

Document Type	Document No.	Draft No.	Originator	Template	Status	Remarks	Draft Key
Purchase Request	1	1	Jayson Butler		Generated		1
Purchase Request		1	Jayson Butler		Pending		2
Purchase Request		1	Jayson Butler		Canceled (restorable)		3

Feature

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

Benefit

- You are now able to amend/cancel a document processed through the approval process.
- Approver always sees the latest version of the document to be approved.
- Ensures approval is obtained every time the approval criteria have been triggered whether adding or updating the document.

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



Welcome, Jayson Butler. You are in cockpit of **OEC Computers UK**.

A/R Invoice

Customer: C99999
Name: One Time Customer
Contact Person:
Customer Ref. No.:
BP Currency: GBP

No. Primary 1306
Status Open
Posting Date 29.11.17
Due Date 29.11.17
Document Date 29.11.17

#	Item No.	Item Description...	Quantity	Unit Price	Disc...	Tax Code	Total
1					0.00	O1	

Sales Employee: Sales Manager
Owner:
Payment Order Run:
Remarks:
Total Before Discount:
Discount: %
Total Down Payment:
Freight:
Rounding:
Tax:
Total: GBP 0.00
Applied Amount:
Balance Due:
Add Cancel Copy From Copy To

Payment Means

Currency: GBP

Check Bank Transfer Credit Card Cash

G/L Account:
Transfer Date:
Reference:
Total:
Overall Amount: 0.00 Discount %:
Balance Due:
Paid:
OK Cancel

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

RMA - Return Material Agreement



Sales - A/R

- Sales Blanket Agreement
- Sales Quotation
- Sales Order
- Delivery
- Return Request**
- Return
- A/R Down Payment Request
- A/R Down Payment Invoice

Purchasing - A/P

- Purchase Blanket Agreement
- Purchase Request
- Purchase Quotation
- Purchase Order
- Goods Receipt PO
- Goods Return Request**
- Goods Return Request
- A/P Down Payment Request
- A/P Down Payment Invoice

Return Request

Customer: C20000
 Name: Maxi-Teq
 Contact Person: Norm Thompson
 Customer Ref. No.:
 Local Currency:

No.: Primary 1
 Status: Closed
 Posting Date: 10.05.17
 Due Date: 10.05.17
 Document Date: 10.05.17

Item/Service Type	Item	Quantity	Unit Price	Gross Price	Disc...	Tax Code	Total (LC)	Stage	UoM Code	Return Reason	Return Action
1	A00001	1	GBP 300.00	GBP 360.00	0.00	O1	GBP 300.00		Manual	Damaged	Repair

Item Master Data

Item No.: A00001
 Description: J.B. Officeprint 1420
 Foreign Name:
 Item Type: Items
 Item Group: J.B. Printers
 UoM Group: Manual
 Price List: Base Price

☒ Inventory Item
☒ Sales Item
☒ Purchase Item

Bar Code: Manual
 Unit Price: Primary Curr GBP 200.00 Manual

General | Purchasing Data | Sales Data | Inventory Data | Planning Data | Production Data | Properties | Remarks | Attachments

Set Inv. Method By: Warehouse
☐ Manage Inventory by Warehouse

UoM Name:
 Weight:

Inventory Level
 Required (Purchasing UoM):
 Minimum:
 Maximum:

Valuation Method: Moving Average

#	Whse Code	Whse Name	Locked	In Stock	Committed	Ordered	Available	Item Cost
1	01	General Warehouse	<input type="checkbox"/>	397	1	1	397	147.33
2	02	Backup Warehouse	<input type="checkbox"/>	30			30	200
3	03	Drop Ship	<input type="checkbox"/>					
4	04	Consignment	<input type="checkbox"/>					
5	05	Bin Warehouse	<input type="checkbox"/>					
6			<input type="checkbox"/>					
				427	1	1	427	

Set Default Whse

OK Cancel

Feature

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

Benefit

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

Global setting to control “Display Batch Quantities By”



The image shows two screenshots of SAP software. The top screenshot is the 'General Settings' dialog box, specifically the 'Inventory' tab. It shows the 'Display Batch Quantities By' setting set to 'Document Row UoM'. The bottom screenshot is the 'Batch Number Selection' dialog box, showing a table of 'Rows from Documents' and a list of 'Available Batches'. The 'Quantity' column in the 'Rows from Documents' table is highlighted, and the 'Available Batches' list shows the 'Availabl...' column. Arrows indicate the flow of data from the 'General Settings' to the 'Batch Number Selection' dialog.

General Settings - Inventory Tab

- BP: Budget
- Services: Display
- Font & Bkgd: Path
- Inventory: Items, Planning, Reporting
- Serial Numbers and Batches: Management Method (On Every Transaction), Display Inactive (Reports, Marketing D)
- Issue Primarily By: Serial and Batch Numbers
- Unique Serial Numbers by: Serial Number
- Display Batch Quantities By: **Document Row UoM**
- Auto. Create Customer Equipment Card: ☒
- Block Multiple Receipts for Same Batch v: ☐

Batch Number Selection Dialog

Rows from Documents:

#	Item No.	Item Description	Whse C...	Quantity	Total Needed	Total Selected	Total Batches	Direction
1	B10000	Printer Label	01	4	4			Out

Available Batches:

#	Batch	Availabl...	Selecte...	Allocate...
1	B1-00067	8.333		
2	B1-00068	8.333		
3	B1-00069	8.333		
4	B1-00070	8.333		
		83.33		

Selected Batches:

#	Batch	Selected Qty
---	-------	--------------

Display Available Batches: All

Buttons: OK, Cancel, Auto Select

Feature

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

Benefit

- Uniform usage throughout the organization.
- Increases efficiency.

Production Routing



Production Order

Type: Standard
Status: Planned
Product No.: P20002
Product Description: 32GB Memory Server
Planned Quantity: 15 UoM Name:
Warehouse: 01
Priority: 100
Routing Date Calculation: On Start Date Update Now

No.: Primary 154
Order Date: 15.06.16
Start Date: 15.12.17
Due Date: 15.12.17
User: Jayson Butler
Origin: Manual
Sales Order:
Customer:
Distr. Rule:
Project:

Components **Summary**

#	Type	No.	Description	Planned Time	Additional Time	Run Time	Route Sequence
1	Item	C000	Hard Disk Se				
2	Item	C000	Motherboard				
3	Item	C000	Memory DDr				
4	Res	R300	Testing Mach	0:01:15	0:00:00	0:01:15	
5	Res	R300	Assembly Ma	0:00:45	0:00:00	0:00:45	
6	Res	R300	Senior Tech	0:00:08	0:00:00	0:00:08	
7	Item						

Costs

Actual Item Component Cost:
Actual Resource Component Cost: ☒
Actual Additional Cost: ☒
Actual Product Cost: ☒
Actual By-Product Cost: ☒
Total Variance:
Journal Remark: Production Order - P20002
Actual Closing Date:
Overdue:
Remarks:
Pick and Pack Remarks:
Update Cancel

Planned Times

Total Production Time: 0:01:15
Total Additional Time: 0:00:00
Total Run Time: 0:01:15

Planned Days

Total Required Days:
Total Waiting Days:
Total Days:

Right-click menu options:

- Cancel
- Duplicate
- Add Row
- Delete Row
- Filter Table
- New Activity
- Related Activities
- Report Completion
- Transfer Request
- Component Transfer
- Generate Pick List
- View Pick Lists
- Relationship Map...
- Display Route Stages
- Display Items
- Display Resources
- Display Texts

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

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