



SAP Business One 9.3

Top ReSolutions

Global Rollout
March, 2019

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THE BEST RUN 

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 Refe...	Default Data C...	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 'Maxi-Teq'. A 'Field Data' dialog box is open for the 'Plot No.' field, showing its configuration: Type: Alphanumeric, Structure: Text, and Validation: None. A right-click context menu is visible over the 'Plot No.' field in the 'Addresses' tab, with the option 'Display Sensitive Data' highlighted. A red line connects the 'Display Sensitive Data' option to the 'Sensitive Personal' classification in the table above.

The screenshot shows the 'Personal Data Management Wizard' at the 'General Parameters' step. The 'Action' dropdown menu is set to 'Personal Data Report', which is highlighted with a red box. A red line connects this selection to the 'Personal Data Report' row in the table below.

#	Person	Natural Person Code	Natural Person Name	Data Type	Field Name	Database Reference	Value
1	Business Partner Master Data						
2		C20000	Maxi-Teq				
3				Business Partner	[Bill To]	OCRD.[Bill To]	Hendon Way
4				Business Partner	[Ship To]	OCRD.[Ship To]	Hendon Way
5				Business Partner	BP Name	OCRD.CardName	Maxi-Teq
6				Business Partner	Telephone 1	OCRD.Phone1	020 5894 948
7				Business Partner	Fax Number	OCRD.Fax	020 5894 948
8				Business Partner	VAT Number	OCRD.LicTradNum	GB566678925
9				Business Partners	Plot No.	CRD1.U_Plot	120/5585
10				Marketing Docum	BP Name	ODOC.CardName	Maxi-Teq
11				Marketing Docum	Customer/Su	ODOC.CardName	Norm Thomp

Integration Framework 2.0 – Mapping Tool 1/2



Choose Scenarios, open package and select Mapping Tool

Source **Target**

Feature

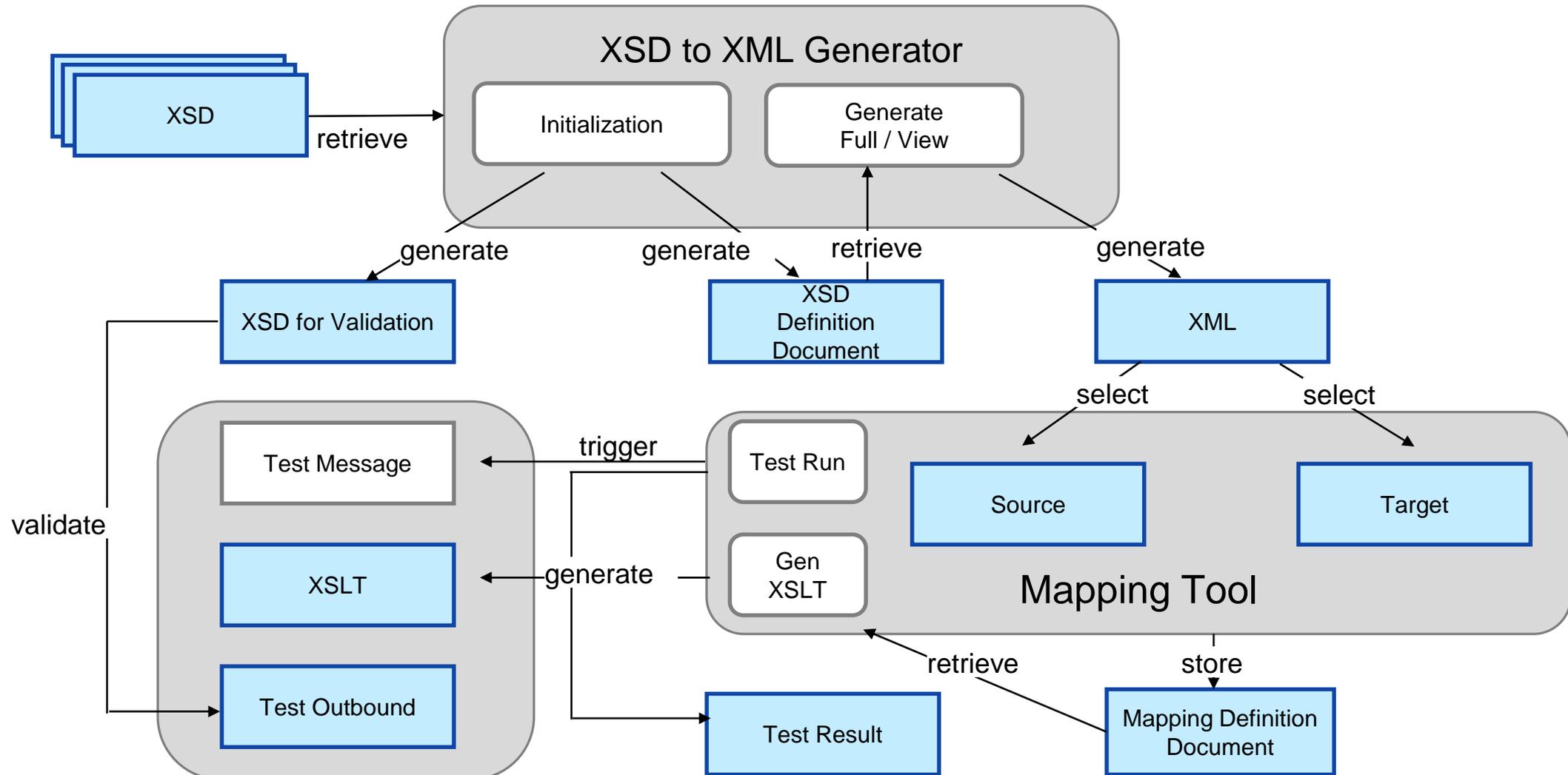
- Define simple mappings by clicking elements
- For more complex mappings:
 - Use XPath* and integration framework functions
 - Define and use variables, use predefined variables and JavaScript functions
 - Make use of inbuilt support for collaboration in mapping projects
- Supports XSD to XML generation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

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	*MckIY0hmMW2k54pDBweRg&	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

The image shows two overlapping SAP screenshots. The top screenshot is the 'Personal Data Management Wizard' window, specifically the 'Determine Natural Persons - Selection Criteria' step. It features a sidebar with steps 1-6, where '3 Selection Criteria' is active. The main area has tabs for 'Users', 'Employees', 'Business Partners', 'BP Contacts', and 'External BPs'. A radio button selection is shown with 'Default Customers for A/R Invoices and Payments' selected and highlighted by a red box. A red arrow points from this selection to a 'Search' button. Below the selection is a table with columns: '#', 'S.', 'Natural Person', 'Natural Person Code', and 'Natural Person Name'. The table contains two rows: row 1 is expanded to show 'Business Partner Master Data', and row 2 shows 'C99999' and 'One Time Customer'. The bottom screenshot is the 'Business Partner Master Data' window for code 'C99999'. It shows fields for Name ('One Time Customer'), Currency ('British Pound'), and a 'Personal Data Protection' section where the 'Natural Person' checkbox is checked and highlighted by a red box. A 'Payment Means' dialog is also visible, showing 'GBP' as the currency, 'G/L Account' '161016', and a table of payment means with one entry for 'United Kingdom Barclays Bank' with an encrypted account number highlighted by a red box.

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

GDPR (2/2)

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 Cleanup - Selection Criteria

Search for and choose the natural persons for whom you want to erase personal data. Natural persons can be users, employees, business partners, business partner contacts or external business partners who were determined as natural persons.

Users Employees Business Partners BP Contacts External BPs Search

Business Partners Default Customers for A/R Invoices and Payments

Transactions Posted On or Before 31.12.07

Search

#	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

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

A/R Invoice

Customer C99999
Name *
Contact Person
Customer Ref. No.
Local Currency

No. Primary 83
Status Closed
Posting Date 10.01.07
Due Date 10.01.07

Incoming Payments

Code C99999
Name *
Bill To

Customer No. Primary 47
Posting Date 10.01.07
Due Date 10.02.07
Document Date 10.01.07
Reference
Transaction No. 603

Selected	Documen...	Installment	Date	Due Date	*	Overdue ...	Total	Balance
<input checked="" type="checkbox"/>	83	1 of 1	10.01.07	10.01.07	*	0	GBP 17,992.31	

Payment Means

Currency GBP

Check Bank Transfer Credit Card Cash

Credit Card Name American Express
G/L Account 140090
Credit Card No. *****0000
Valid Until 11.02
ID No. *
Telephone No. *
Payment Method 1 Month
Amount Due GBP 17,992.31
No. of Payments 1
First Partial Payment GBP 17,992.31
Each Add. Payment GBP 0.00
Voucher No. 9876543
Transaction Type Regular

Vouchers
1 American Express

Tel. for Approval:
Company ID

User Name visible in Authorizations and License Form resizing



License Administration

License Server: Port:

Allocation Components Assignment

Company: License:

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

External Licenses	Used	Available

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

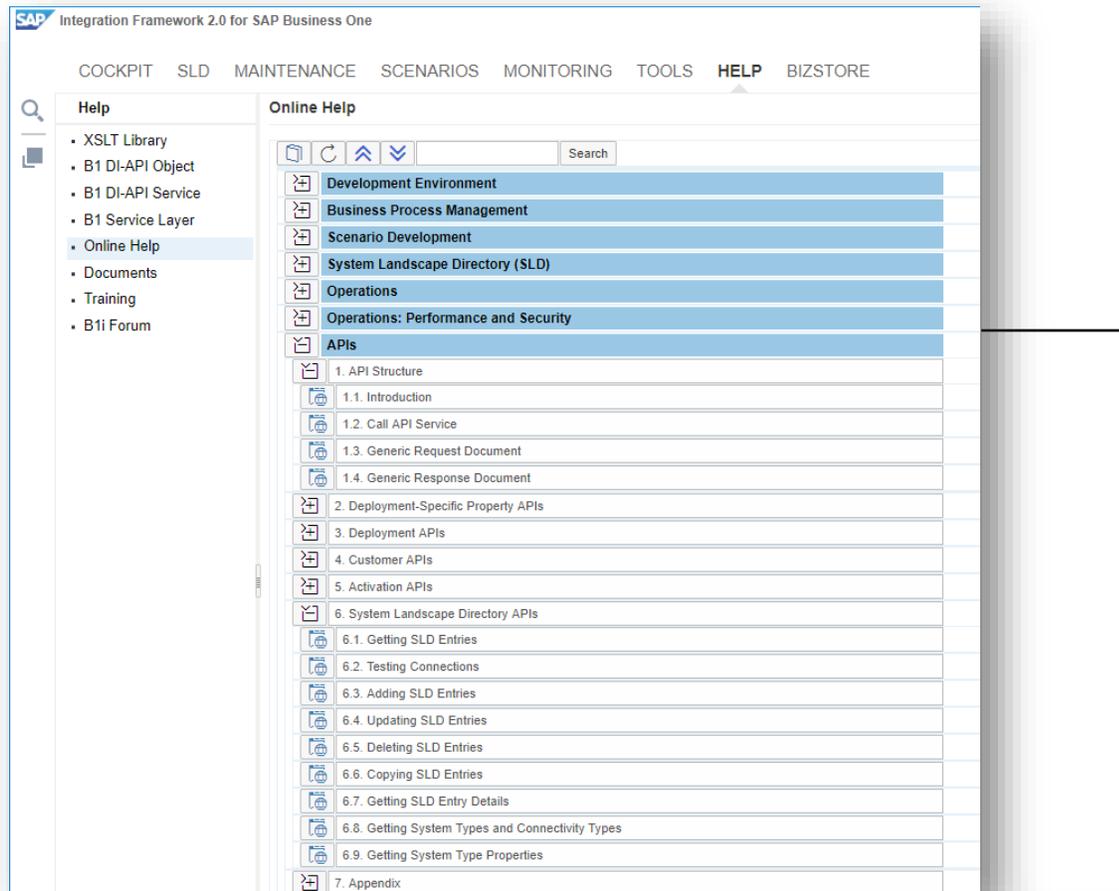
Authorizations

Users Groups Find

Users	Authorization	Effective Authorization
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

Business Partner Master Data

Code: Manual C20000 Customer

Name: Maxi-Teq

Foreign Name:

Group: Construction

Currency: British Pound

Federal Tax ID: GB566678929

Account Balance: 3,238.46

Deliveries: 9,197.91

Orders: 23,720.14

Opportunities: 6

Local Currency:

General | Contact Persons | Addresses | Payment Terms | Payment Run | Accounting | Properties | Remarks | Attachments

Payment Terms: 2P10Net30

Interest on Arrears %:

Price List: Regular Sales Price

Total Discount %:

Credit Limit: 0.00

Commitment Limit: 0.00

Dunning Term: Standard

Automatic Posting: No

Effective Discount Groups: Highest Discount

Effective Price: Lowest Price

Business Partner Bank

Bank Country: United Kingdom

Bank Name: Barclays Bank(House Bank 1)

Bank Code: Barclays

Account: *31LH9vq7qQtY86eakNz1eDy8

BIC/SWIFT Code:

Bank Account Name:

Branch: 345678

Ctrl Int. ID:

IBAN: *

Mandate ID:

Date of Signature:

OK Cancel You Can Also

Employee Master Data

First Name: Bill

Middle Name:

Last Name: Levine

Job Title: Sales Employee

Position:

Department: Sales

Branch: Main

Manager: Butler, Jayson

User Code: bill

Sales Employee: Bill Levine

Cost Center:

Employee No.: 5

Ext. Employee No.:

Active Employee:

Office Phone:

Ext.:

Mobile Phone:

Pager:

Home Phone:

Fax:

E-Mail: bill.levine@oec.co.uk

Linked Vendor:

Address | Membership | Administration | Personal | Finance | Remarks | Attachments

Salary: 0.00 Month

Employee Costs: 0.00 Month

Bank Details

Bank:

Account No.:

Branch: 200078

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 – 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	<input type="checkbox"/>	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	GB15MII		23456789				GBP -1,554,945.31	HSBC(Hou		DLL Format

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

- 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

The screenshot shows the 'Employee Master Data' form in SAP. The 'Personal' tab is active, displaying fields for Gender, Date of Birth, Country of Birth, Marital Status, No. of Children, ID No., Citizenship, Passport No., Passport Expiration Date, Passport Issue Date, and Passport Issuer. The 'ID No.' field contains an asterisk (*), indicating it is sensitive. A context menu is open over the 'ID No.' field, with the 'Display Sensitive Data' option highlighted. Below the form, the 'Personal Data Protection' section is visible, with the 'Natural Person' checkbox checked and the 'Status' set to 'None'. The form also includes tabs for Address, Membership, Administration, Finance, Remarks, and Attachments.

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

The image shows two screenshots of SAP software. The top screenshot is the 'Personal Data Management Wizard' in the 'General Parameters' step. It shows a sidebar with steps 1-5 and a main area with 'General Parameters' including 'Run Name', 'Run Date', and 'Action' set to 'Personal Data Blocking'. The bottom screenshot is the 'Business Partner Master Data' dialog, showing a 'Personal Data Protection' section where 'Natural Person' is checked and 'Status' is set to 'Blocked'. A table in the background shows a summary report with columns for '#', 'Natural Person', 'Natural Person Code', and 'Natural Person Name', with one row highlighted.

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

The image shows two screenshots from the SAP Personal Data Management Wizard. The top screenshot is the 'General Parameters' step, where the 'Action' is set to 'Personal Data Unblocking'. The bottom screenshot is the 'Summary Report' step, showing a table of unblocked data.

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

The 'Business Partner Master Data' form shows the following details:

- Code: Manual, C80000, Customer
- Name: INKJeters
- Group: Construction
- Currency: British Pound
- Business Partner Type: Company
- Personal Data Protection: Natural Person, Status: Unblocked
- Radio buttons: Active, Inactive, Advanced

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



The screenshot shows the SAP Sales Order interface. The 'Sales Order' tab is selected in the top navigation bar. The 'Payment Means' dialog box is open, showing the 'Cash' tab. The 'G/L Account' is set to '160000' and 'Petty Cash'. The 'Primary Form Item' is 'Payments for Invoices from Customers'. The 'Overall Amount' is 'GBP 5,915.70' and the 'Balance Due' is 'GBP 5,915.70'. The 'Down Payment Request' option is selected in the dropdown menu at the bottom.

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

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



Print Incoming Payments

#	Document No.	Posting Date	Due Date	BP Code	Total (LC)
1	1122				
2	1123				

Print Sales Orders

#	Document No.	Posting Date	Due Date	BP Code	Total (LC)
					521.64
					540.00
					720.00
					630.00
					324.00

E-Mail Options

Send Each Document to Respective Business Partner

Use E-Mail Group

OK Cancel

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

Document Printing - Selection Criteria

Document Type: Sales Orders

Posting Date From: [] To: []

Series: []

When Batch/Serial No. Exist, Print

Only Documents Still to Be Printed

Only Documents Yet to be E-Mailed

Open Only

Obtain printer settings from default printer

Document Printing - Selection Criteria

Document Type: Incoming Payments

Posting Date From: 01.07.18 To: 31.07.18

Series: All

Only Documents Still to Be Printed

Only Documents Yet to be E-Mailed

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 'Enable Personal Data Protection Management' checkbox is highlighted with a purple box. Other visible settings include 'Chart of Accounts Template' (SKR03), 'Local Currency' (Euro), 'System Currency' (Euro), and 'Default Account Currency' (All Currencies). The 'Multi-Language Support' checkbox is also checked. The 'Default Bank' is set to 'Deutsche Bank Privat und Geschäft' in Berlin. The 'Calculate Depreciation By' is set to 'Month'.

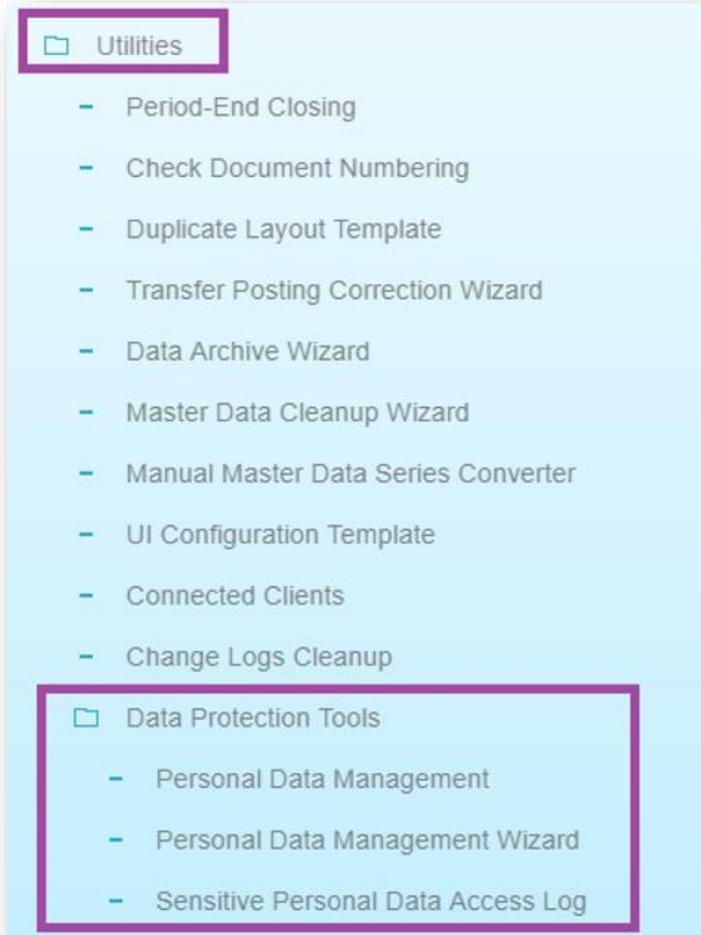
Feature

- 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



Feature

- Data Protection Tools are managed under Administration/Utilities.

Benefit

- Centralized location for managing personal data protection.

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

The screenshot displays three panels from an SAP interface:

- Activity Panel:** Contains form fields for Activity (Phone Call), Type (General), Subject, Assigned To (User - Jayson Butl), Assigned By (Jayson Butler), Number (2), BP Code (C20000 - Customer), BP Name (Maxi-Teq), Contact Person (Max Teq), and Telephone No. (555-0139). There is also a checkbox for 'Personal'.
- Change Log... Panel:** A table with columns: #, Instance, Object Code, Object Code, Updated, Updated by, Created, and Created By.

#	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
- Differences Panel:** A table with columns: #, Date, Changed Field, Previous Value, New Value, and User Name.

#	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)

The image shows two overlapping SAP windows. The background window is 'Employee Master Data' for employee 5, showing personal details like name (Bernhard Heinrich), job title (Vertrieb), and manager (Robert Leitner). The foreground window is 'Sensitive Personal Data Access Log' for the same employee, showing a table of access events from 19.02.2018 to 19.03.2018. The table lists user codes, names, and access times. 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 Eberharti	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 Wolling	No	No	N	
olaf	Olaf Böhm	No	No	N	
stephan	Stephanie Hofma	No	No	N	

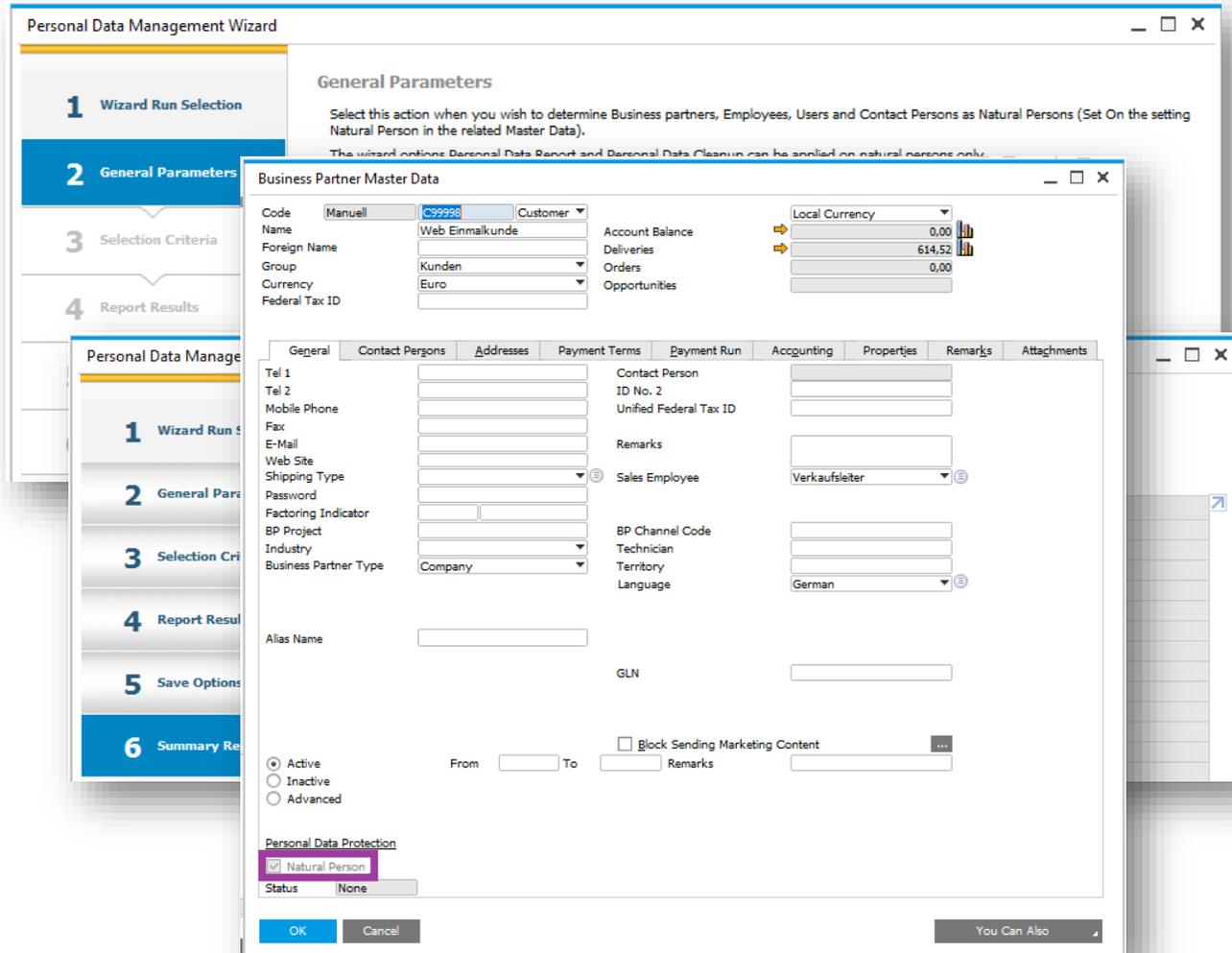
Feature

- 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



Feature

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

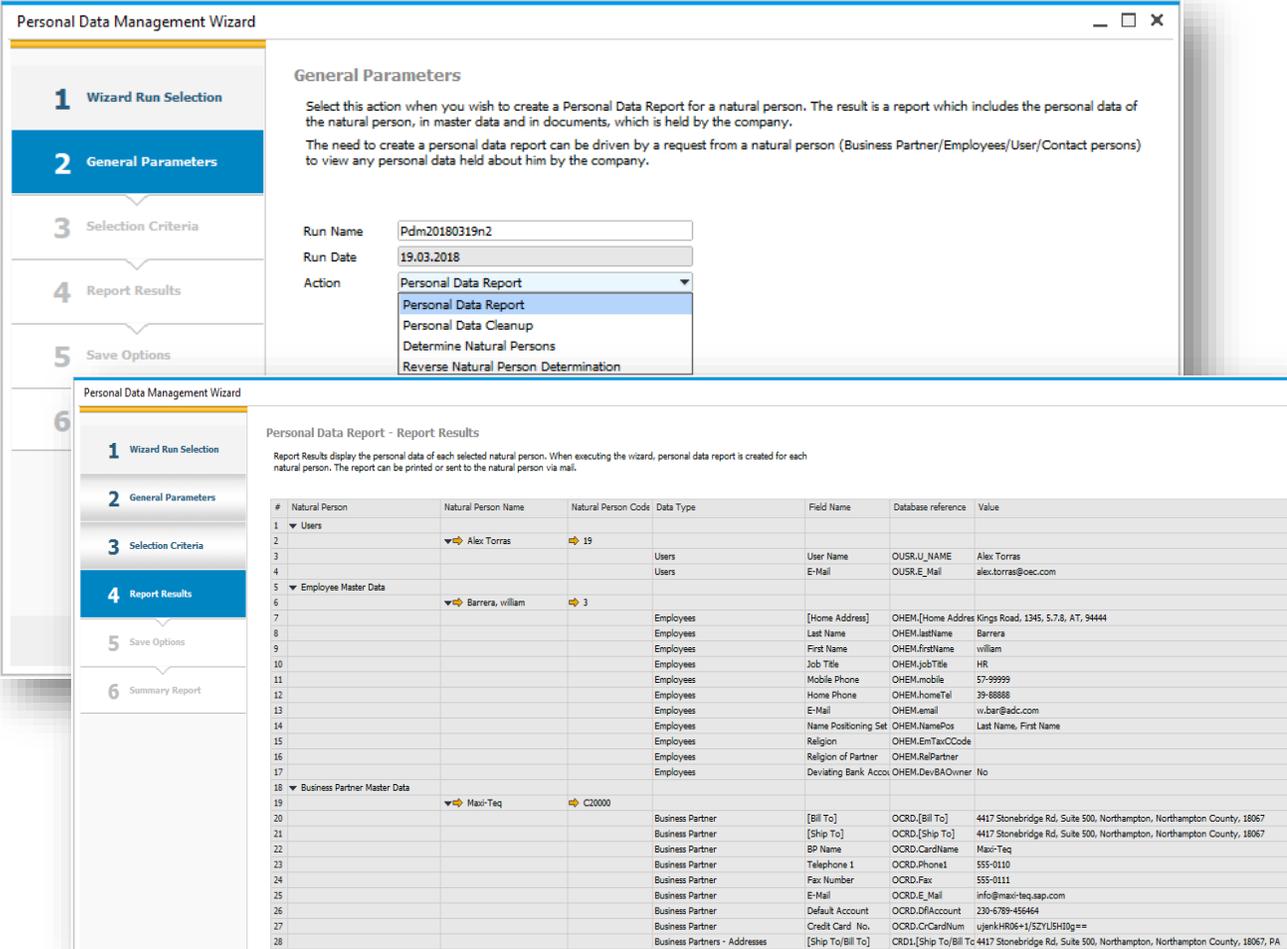
Benefit

- 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.



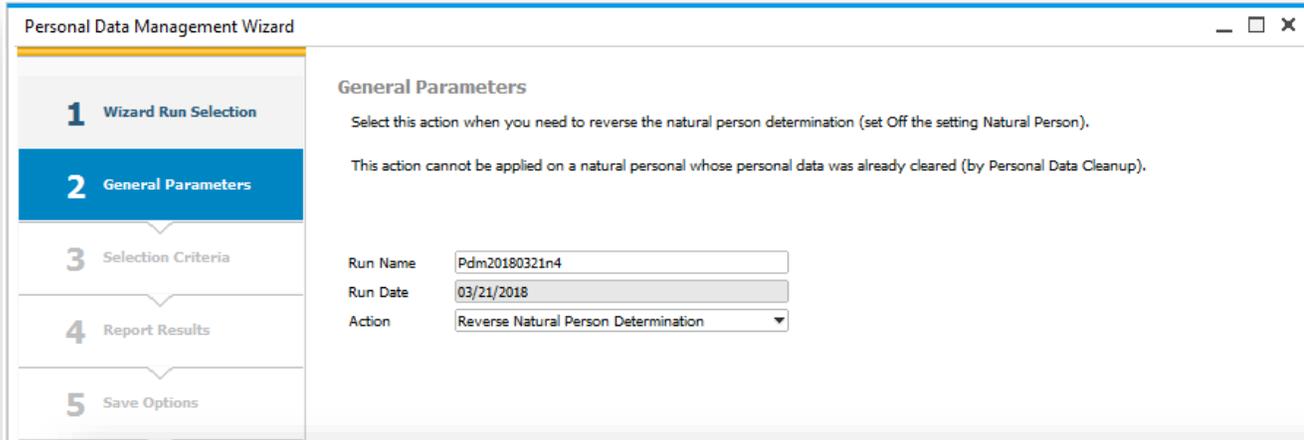
Feature

- 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

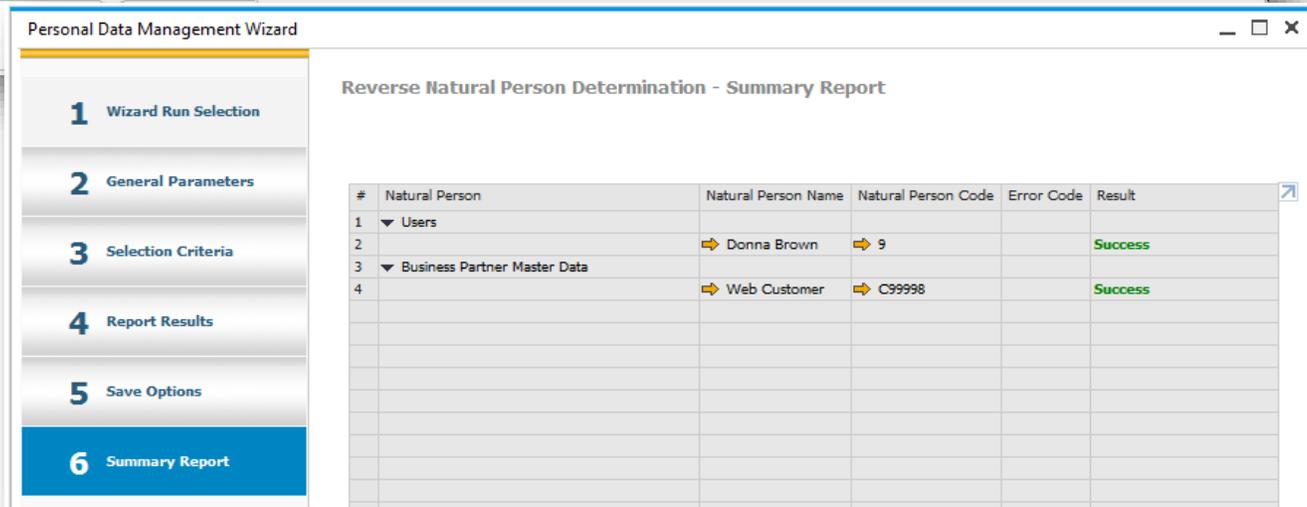


Feature

- 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 instructions for erasing personal data. Below it, the 'Business Partner Master Data' screen is visible, showing various fields for customer data. The 'Personal Data Protection' section at the bottom is highlighted, with the 'Status' set to '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: Local Currency 0,00

Deliveries: 0,00

Orders: 0,00

Opportunities: *

Personal Data Protection

Natural Person

Status: Erased

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

SAP Business One Issue Recorder

Recorded Scenarios

<input type="checkbox"/>	Title	Created	Folder Name	Size
<input type="checkbox"/>	Due date missing	6/12/2017 8:33:27 PM	20170612_203327_Due date missing_1	999 KB

New Close

A/R Invoice

Customer: [Redacted]
Name: [Redacted]
Contact Person: Norm Thompson
Customer Ref. No.: [Redacted]
BP Currency: GBP

Contents Logistics Accounting

Item/Service Type	Item	Quantity	Unit Price	Disc.	Tax C
1	A00001 J.B. Offspring St	1	GBP 300.00	0.00	01
2				0.00	01

Sales Employee: [Redacted]
Sales Manager: [Redacted]

Payment Order Run

Remarks

Add Cancel

RSP Reporting System

Overview Installed Base Results List Fixing List

Customer: All Sort by: System name Refresh

Database Name: All

Task Category: System

Task Name:

From Date:

To Date: Search Delete Filtered

System Number	Customer Name	Database	Task Name	Task GUID	Category	Result	Attachment	Update At
000000000800195446	DEC Computers UK	SBODEM00H	Recorded Scenario Upload	0002578688	System	Succeeded	20180302_123246_GL_Account_is_missing_dfbabab4.zip (1.52 MB)	3/8/2018 12:44:40 PM
000000000800195446	DEC Computers UK	SBODEM00H	Recorded Scenario Upload	0002578688	System	Succeeded	20180308_130425_GL_Error_in_AR_Invoice_601d549983.zip (894.60 KB)	3/8/2018 1:12:33 PM

Do you want to open or save 20180308_130425_GL_Error_in_AR_Invoice_601d549983.zip from localhost? Open Save Cancel

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:

Status:

Product No.:

Product Description:

Planned Quantity: UoM Name:

Warehouse:

Priority:

Routing Date Calculation:

No.:

Order Date:

Start Date:

Due Date:

User:

Origin:

Sales Order:

Customer:

Distr. Rule:

Project:

Components

Summary

#	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
Planned Date 01.01.18
User: Jayson Butler
Manual

#	Type	No.	Description	Planned Qty	Issue	Production Time
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			0:00:01
6	Resource	R300007	Junior Technician	1		0:00:01
7	Route Stage	Quality	Quality Control			0:00:01
8	Resource	R300006	Senior Technician	1.000		0:00:01
9	Item					

Remarks

Update Cancel

Production Order

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

Yes No

Copy
Copy Table
Maximize/Restore Grid
Duplicate
Add Row
Filter Table
New Activity
Related Activities
View Pick Lists
Recalculate Route Stage Dates
Display Route Stages
Display Items
Display Resources
Display Texts
What's This?

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 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
 Manual

#	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				

Production Time

0:00:01
 0:00:01
 0:00:01
 0:00:01

Inventory Posting List

OK Cancel

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 [] To []
 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

Component	[]
Components per Existing Components	1.000
<input type="checkbox"/> Change Additional Quantity	0.000
<input type="checkbox"/> Change Warehouse	[]
<input type="checkbox"/> Change Issue Method	[]
<input type="checkbox"/> Change WIP Account	[]
<input checked="" type="checkbox"/> Change Route Sequence	1
<input checked="" type="checkbox"/> Change Route Stage	Quality
<input checked="" type="checkbox"/> Change Price List	Last Purchase Price
<input checked="" type="checkbox"/> Change Distr. Rule	[]
<input checked="" type="checkbox"/> Change Project	NSI-C20000

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)



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

Update Rows:

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

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

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

Reference Information

#	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

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.

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

No.: Primary 156
 Order Date: 01.01.18
 Start Date: 01.01.18
 Due Date: 01.01.18
 User: Jayson Butler
 Origin: Manual

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

Quantities
 Planned Quantity: 100
 Completed Quantity: 100

Planned Times
 Total Production Time:
 Total Additional Time:
 Rejected:
 Dates:
 Overdu:

Journal Remark: Production Order - P10001
 Referenced Document: ...

Remarks:
 OK Cancel

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

OK

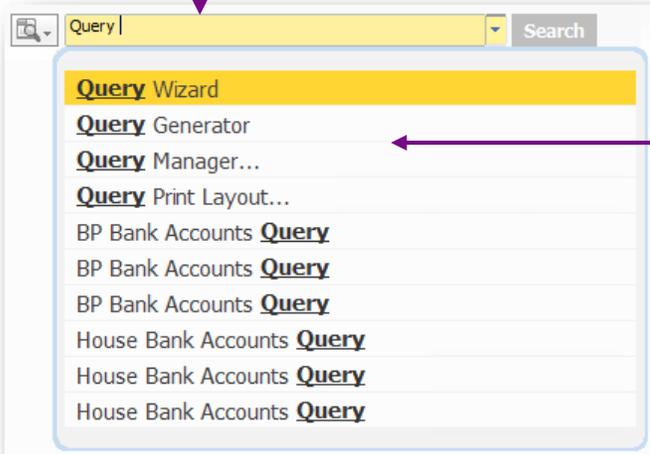
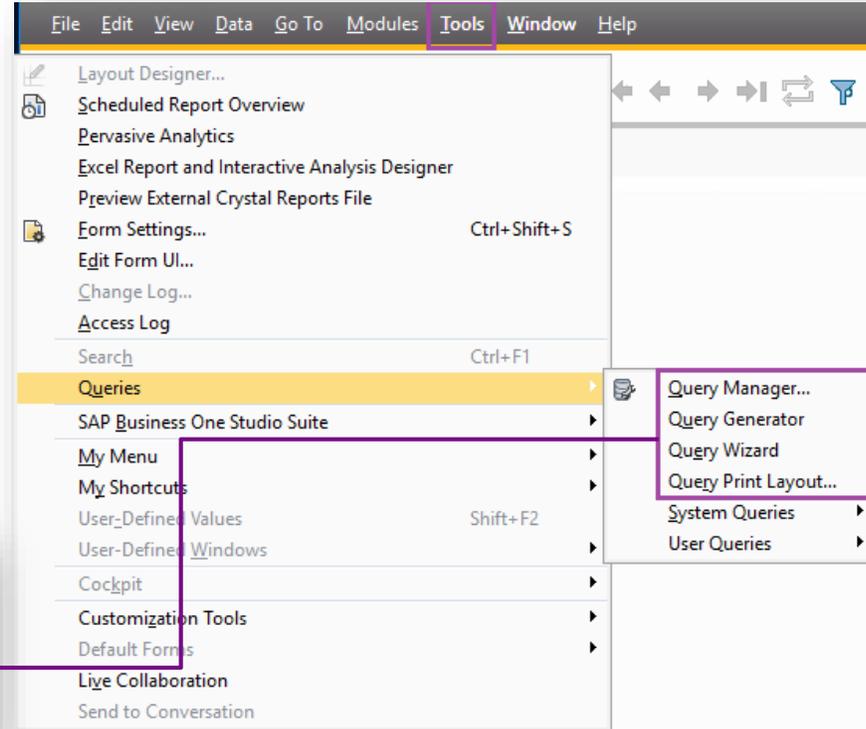
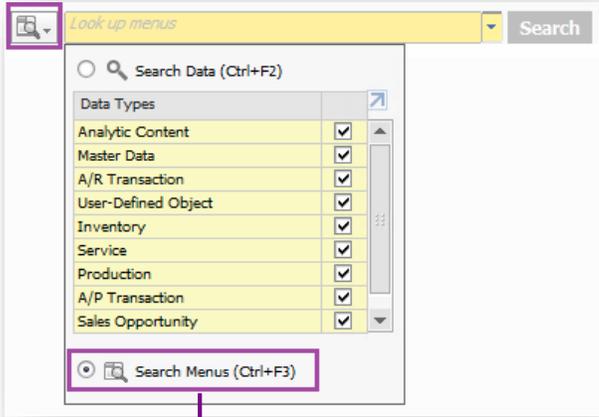
Feature

- 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



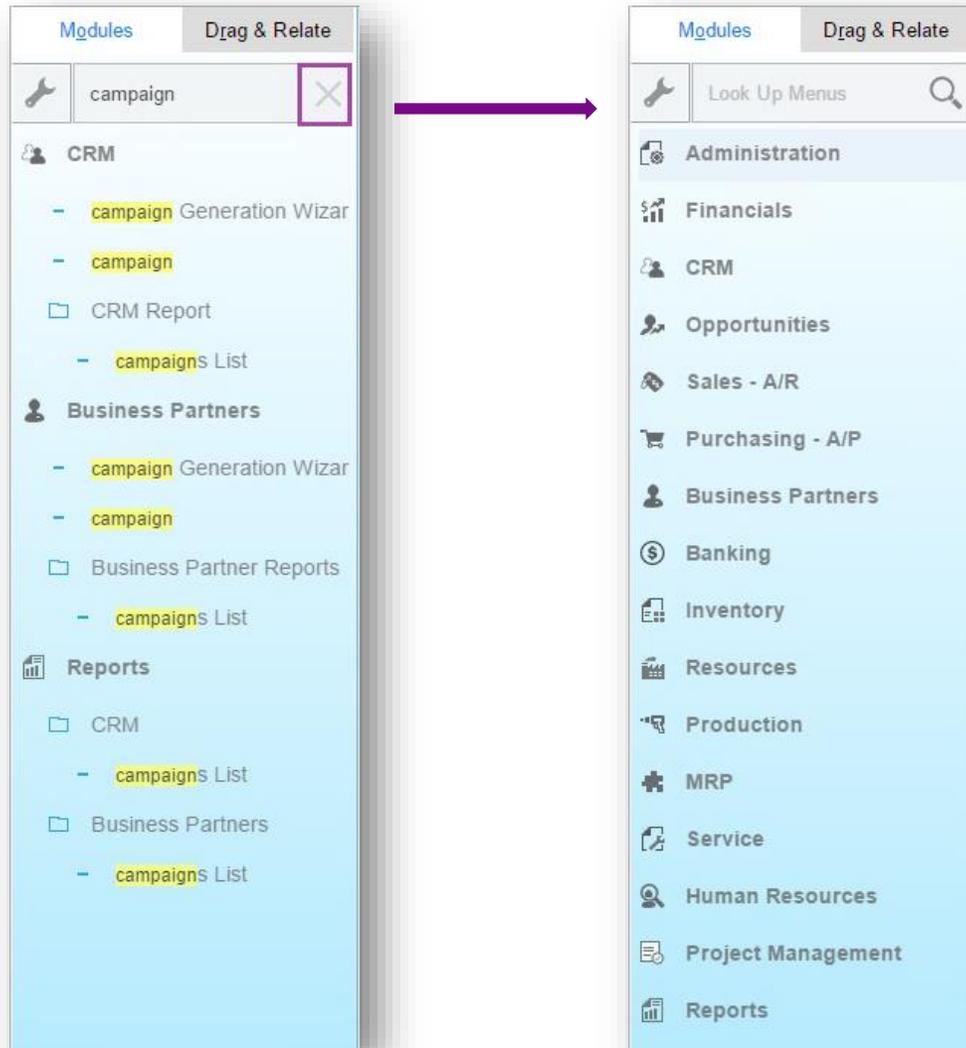
Feature

- 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

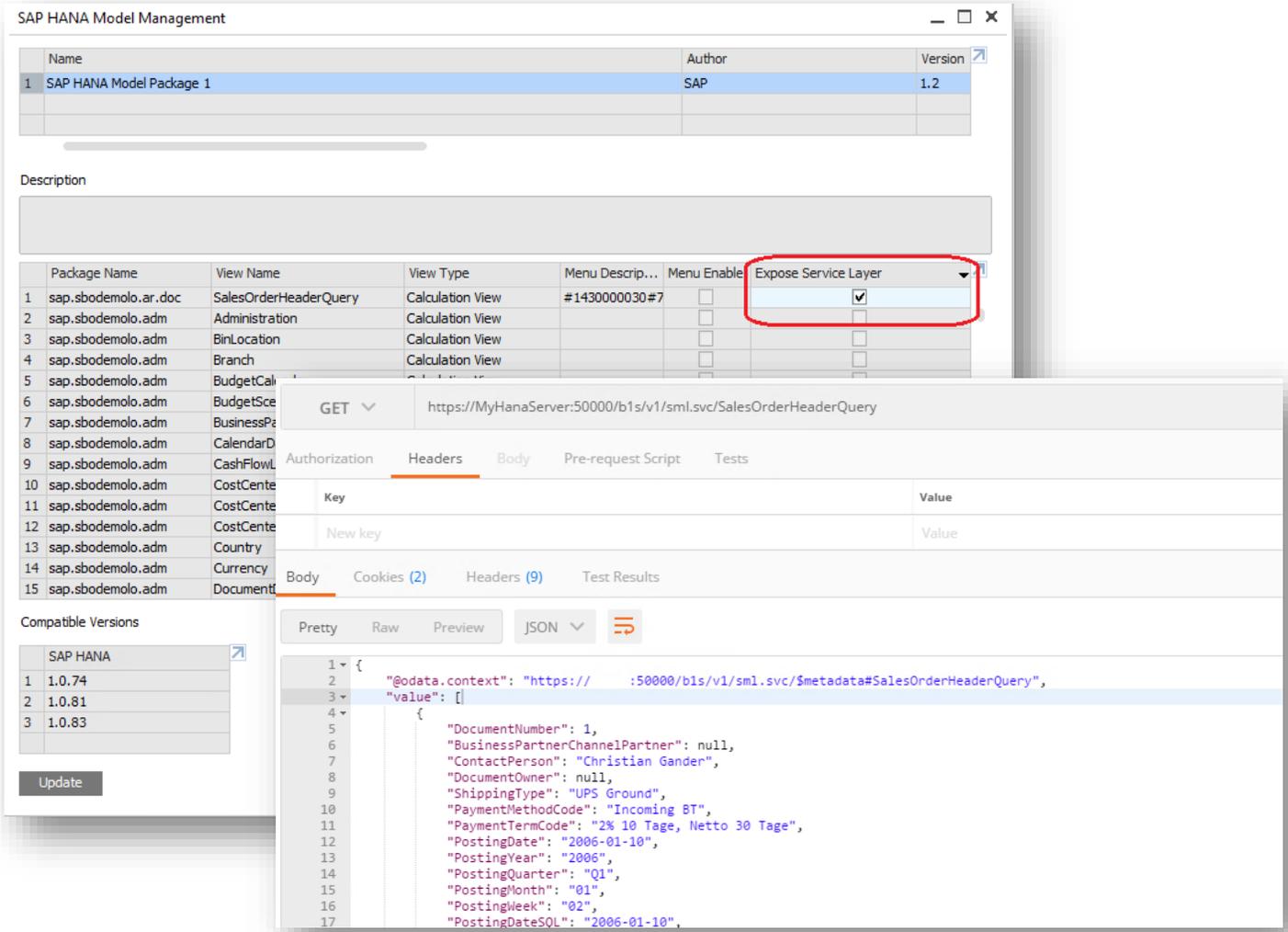
Feature

- More system objects can be linked to the UDFs

Benefit

- Better customization

Expose Semantic Layer as an OData Service



The screenshot shows the SAP HANA Model Management interface. At the top, a table lists model packages, with 'SAP HANA Model Package 1' selected. Below this, a table lists semantic views. The 'Expose Service Layer' column for the 'SalesOrderHeaderQuery' view is checked and highlighted with a red box. In the foreground, a REST client shows a GET request to the endpoint `https://MyHanaServer:50000/b1s/v1/sml.svc/SalesOrderHeaderQuery`. The response is a JSON array containing a single object with various metadata fields.

Name	Author	Version
SAP HANA Model Package 1	SAP	1.2

Package Name	View Name	View Type	Menu Descrip...	Menu Enable	Expose Service Layer
sap.sbodemolo.ar.doc	SalesOrderHeaderQuery	Calculation View	#1430000030#7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
sap.sbodemolo.adm	Administration View	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	BinLocation	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	Branch	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	BudgetCalculation	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	BudgetScenario	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	BusinessPartner	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	CalendarDate	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	CashFlow	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	CostCenter	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	CostCenter	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	CostCenter	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	Country	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	Currency	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>
sap.sbodemolo.adm	Document	Calculation View		<input type="checkbox"/>	<input type="checkbox"/>

```
1 {
2   "@odata.context": "https://MyHanaServer: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



SYSTEM DATE + 10 = New DUE DATE

#	Item No.	Item Descripti...	Quantity	Unit Price	Disc...	Tax Code	Total (LC)	CO...	UoM ...
1					0.00	O1			

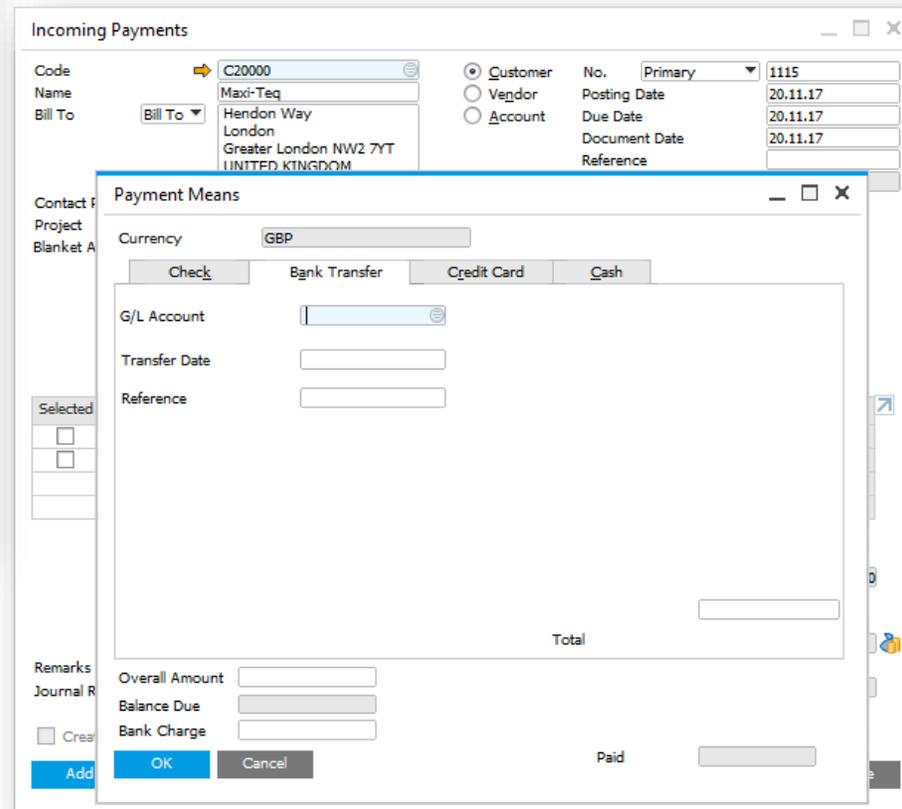
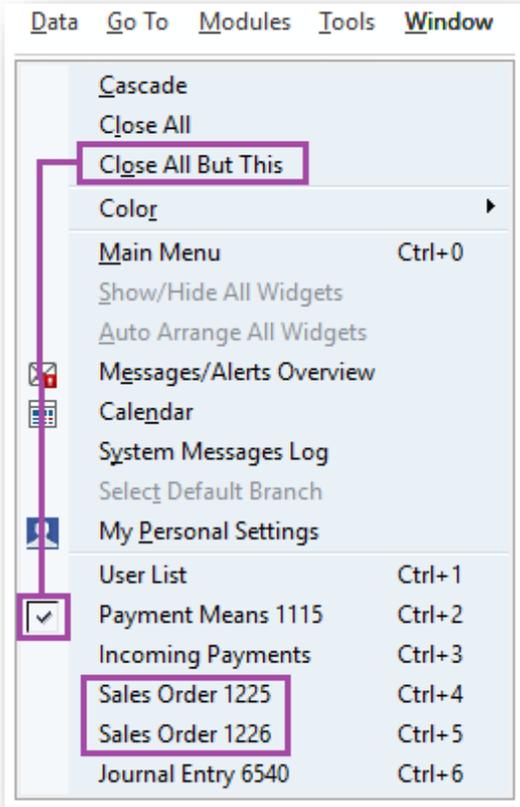
Feature

- 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



The screenshot displays the 'UI Configuration Template' dialog box. On the left, a list of UI Templates is shown, with 'New Sales Quote Templ' selected. The main area shows the configuration for this template, including its name and description. A table titled 'Assigned Groups' is highlighted, showing two groups: 'Template1' (checked) and 'Template2' (unchecked). Below this, the 'User Groups' dialog is open, showing the configuration for 'Template1', including its name, description, and group type. A 'Create Group' button is highlighted in the bottom right of the 'User Groups' dialog.

Select	Group Name	Description
<input checked="" type="checkbox"/>	Template1	Template for Remote Sales
<input type="checkbox"/>	Template2	Template for Services

Group Name
1 Template1
2 Template2

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

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
 Commitment Limit
 Consider Deliveries Balance

A/R Invoice
 Delivery
 Sales Order
 Pick List

Set Commission by

Sales Employees
 Items
 Customers

Approval Process

Enable Approval Process
 Enable Approval Process in DI
 Enable Updating Document Added/Updated by Approval Process
 Enable Updating Draft in Status Pending/Approved

Default Payment Method for Customer
 Default Payment Method for Vendor
 Submit Credit Vouchers
 Default Dunning Term for Customer

Payment Terms Preferences

Default Payment Term for Customer
 Default Payment Term for Vendor
 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

OK Cancel

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

OK Cancel Collapse Expand

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: [Dropdown]
Customer Ref. No.: [Field]
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 Descripti...	Quantity	Unit Price	Disc...	Tax Code	Total
1					0.00	O1	

Payment Means

Currency: GBP

Check Bank Transfer Credit Card Cash

G/L Account: [Field]
Transfer Date: [Field]
Reference: [Field]

Total: [Field]

Overall Amount: [Field] 0.00 Discount %: [Field]
Balance Due: [Field]

OK Cancel

Paid: [Field]

Total Before Discount: [Field]
Discount: [Field] %
Total Down Payment: [Field]
Freight: [Field]
Rounding: [Field] GBP 0.00
Tax: [Field]
Total: GBP 0.00
Applied Amount: [Field]
Balance Due: [Field]

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

Return Request

Customer: C20000 No.: Primary 1
 Name: Maxi-Teq Status: Closed
 Contact Person: Norm Thompson Posting Date: 10.05.17
 Customer Ref. No.: Due Date: 10.05.17
 Local Currency: Document Date: 10.05.17

#	Item No.	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 Inventory Item
 Description: J.B. Officeprint 1420 Sales Item
 Foreign Name: Purchase Item

Item Type: Items
 Item Group: J.B. Printers
 UoM Group: Manual Bar Code: Manual Unit Price: GBP 200.00

Price List: Base Price Unit Price: Primary Curren

Inventory Data

Set Inv. Method By: Warehouse Manage Inventory by Warehouse

UoM Name: Inventory Level: Required (Purchasing UoM):
 Weight: 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	

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

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”



General Settings

BP Budget Services Display Font & Bkgd Path Inventory

Items Planning Reporting

Serial Numbers and Batches Management Method: On Every Transaction

Issue Primarily By: Serial and Batch Numbers

Unique Serial Numbers by: Serial Number

Display Batch Quantities By: **Document Row UoM**

Inventory UoM: **Inventory UoM**

Delivery

#	Item No.	Item Description	Quantity	UoM Name	Items per Unit	Unit Price	Disc...	Tax C...
1	B10000	Printer Label	4.000	6 Pack	6.000000	GBP 62.10	0.00	O1
2					0.000000		0.00	O1

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.

Batch Number Selection

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

Auto Select

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:

#	Type	No.	Description	Planned Times	Planned Days
1	Item	C000	Hard Disk Se		
2	Item	C000	Motherboarc		
3	Item	C000	Memory DDF		
4	Resi	R300	Testing Mach	0:01:15	15.12.17
5	Resi	R300	Assembly Ma	0:00:45	
6	Resi	R300	Senior Techn	0:00:08	
7	Item				

Summary

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

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 context 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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