



SAP Business One 9.3

Release Highlights

Global Rollout

July, 2018

CUSTOMER

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A comprehensive business solution & platform for connected SMBs.



SAP Business One 9.3 Highlights (1/2)



Administration

Authorization Simplification

Import from Excel Updates

Approval Procedure Enhancements

Quick Copy & DTW supports Additional Objects

My Settings Support

Change Log Clean-up Utility

Multi-Branch Supports Data Ownership

Multi-Branch Filtering & Transaction Updates

License Updates

HTML based Online Help



Data Protection

GDPR - Data Privacy and Protection



Sales | Purchasing | Service

Return Merchandise Authorization (RMA)

Gross Price Redesign*

Price List Updates

Campaign Management Updates

Blanket Agreement Enhancements

Electronic AP Invoice Updates

CRM Simplification



Production

Simple Production Routing



Inventory | Distribution

UoM Batch Selection



Financial Management

Internal Cost Accounting Transactions

Centralized Payment Engine

Chart of Accounts Alignment & Usability

G/L Account Determination Matrix Updates

New IFRS 15 Revenue Recognition Standard*

Scheduled Batch Transactions for Payments

Electronic File Layout Templates



Project Management

Project Management Updates

*Localisation specific

SAP Business One 9.3 Highlights (2/2)



Business Intelligence

Analytical Portal



Pervasive Analytics Designer Update



New Cockpit Templates



Platform | Extensibility

Web-Based Workflow Management

Company Specific Mailer Configuration

New DI/UI Objects Exposure & Enhancements

Microsoft Visual Studio 2015

X-App Supports Single Sign On

Optimized Login Connection

Electronic File Manager support on Linux



Performance Optimization

Improved Security



Lifecycle Management

Centralized Deployment

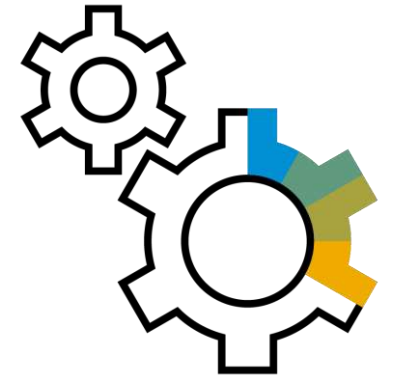
Embedded Incident Reporting

System Landscape Directory Enhancements

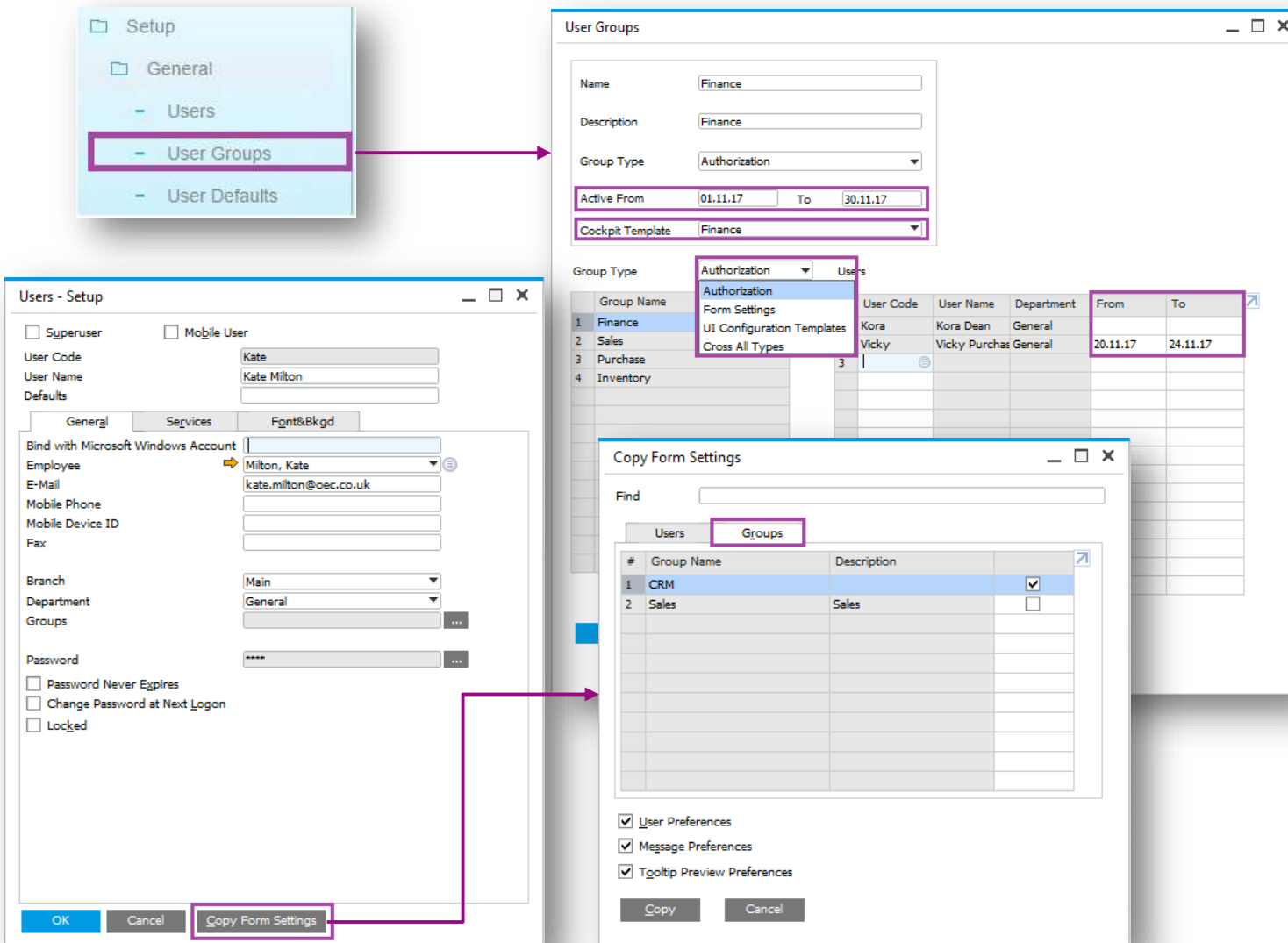
Remote Support Platform 3.2 Updates

Administration

SAP Business One 9.3



Authorization Simplification



The image shows three overlapping SAP configuration windows. The top-left window is a tree view of the 'Setup' menu, with 'User Groups' highlighted under 'General'. The bottom-left window is the 'Users - Setup' form, showing fields for user details and a 'Copy Form Settings' button at the bottom. The right window is the 'User Groups' form, showing details for a group named 'Finance', including its description, group type, active dates, and cockpit template. Below these details is a table of group types and a table of users. The 'Copy Form Settings' dialog is open, showing a 'Groups' tab with a table of groups and checkboxes for 'User Preferences', 'Message Preferences', and 'Tgoltip Preview Preferences'.

Group Type	Group Name	Description	User Code	User Name	Department	From	To
1	Finance		Kora	Kora Dean	General		
2	Sales		Vicky	Vicky Purchas	General	20.11.17	24.11.17
3	Purchase						
4	Inventory						

#	Group Name	Description	
1	CRM		<input checked="" type="checkbox"/>
2	Sales	Sales	<input type="checkbox"/>

Feature

- Authorization Groups renamed to User Groups and relocated under Setup - General.
- 4 Group Types:
 - Authorization: User authorizations with validity dates; individual users within the User Group can have further refined validity dates.
 - Form Settings: User form settings.
 - UI Configuration Templates: Modified forms set as templates. **(PL01)**
 - Cross All Types: Applies to all types.
- Copy Form Settings now has a Groups tab; all users in the chosen group inherit the form settings.

Benefit

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

Approval Procedure Enhancements



General Settings

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

Customer Activity Restrictions

☐ Credit Limit ☐ A/R Invoice ☐ Commitment Limit ☐ Delivery ☐ Sales Order ☐ Consider Deliveries Balance ☐ Pick List

Default Payment Method for Customer Default Payment Method for Vendor Submit Credit Vouchers Automatically Default Dunning Term for Customer - Standard -

☒ 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

Set Commission by

☐ Sales Employees ☐ Items ☐ Customers

Payment Terms Preferences

Default Payment Term for Customer - Geldbasis - Default Payment Term for Vendor - Geldbasis - ☐ Apply Changes in BP Fields to New Business Partners Only

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

Approval Status Report

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

Feature

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

Benefit

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

My Settings Support



Users - Setup

☒ Superuser ☐ Mobile User

User Code: manager

User Name: Jayson Butler

Defaults

General Services Display

Bind with Microsoft Windows Account

Employee: [dropdown]

E-Mail: jayson.butler@sap.com

Mobile Phone

Mobile Device ID

Fax

Branch: Main

Department: General

Groups: [dropdown]

Password: [password field]

☐ Password Never Expires

☐ Change Password at Next Logon

☐ Locked

☐ Enable Setting Integration Packages

OK Cancel Copy Form Settings

User Defaults

Code Description

General Defaults Display Print Credit Cards Path

Skin Style: Fiori

Colour: Classic

Language: [dropdown]

Font: [dropdown]

Font Size: [dropdown]

Preview

AaBbYyZz - abcd

Background: [dropdown]

Browse...

Preview

Image Display: Centralised

Add Cancel

Feature

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

Benefit

- Better accuracy and clarity of company level settings vs. user-level settings.
- Enhanced usability – all users gain access rights to their own personal preferences (subject to authorizations).
- Better coverage of user defaults settings, enables more efficient implementation.



Import from Excel (1/2)



Import from Excel

Data Type to Import: Business Partner

File to Import: ...

Map the File Columns to the Object

Column in File	Field in Object
A	Business Partner Catalog Numbers
B	Journal Entry
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	

Authorizations

Users: AlertSvc, B1i, George, Kate, Kora, Support, Vicky, Workflow, alex, bill, bob, brad, carlos, christin, dana

Find:

Subject: System Initialization, Setup, Data Import/Export, Data Import, Import from Excel, Import Transactions from SAP Business, Import Fixed Asset Master Data from Mic, Financial Template Import Wizard, Comprehensive Import, Data Export, Utilities, Approval Process, Workflow, Alerts Management, B1 OnDemand Integration Configuration, Financials

Max. Discount - Sales, Max. Discount - Purchase, Max. Discount - General, ☐ Max. Cash Amount for Incoming Payments

Import

Serial Numbers - Setup

Rows from Documents

#	Doc. No.	Item Number	Item Description	Whse Code	Whse Name	Total Needed	Total Created	Open Qty
1	PD 738	A00006	Rainbow 1200 Laser Series	01	General Warehouse	5	5	

Created Serial Numbers

#	Date	Mfr Date	Admission Date	Mfr Warranty Start	Mfr Warranty End	Location	Details
1			12.05.17				

Total Created:

Import From Excel... Automatic Creation...

Feature

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

Benefit

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

Import from Excel (2/2)



Journal Entry

Series: Primary, Number: 6524, Posting Date: 12.05.17, Due Date: 12.05.17, Doc. Date: 12.05.17, Remarks:

Origin: , Origin No.: , Trans. No.: , Template Type: , Template: , Indicator: , Project:

Trans. Code: , Ref. 1: , Ref. 2: , Ref. 3:

Blanket Agreement:

☐ Fixed Exchange Rate
☐ Reverse
☐ Adj. Trans. (Period 13)
☐ EU Report
☒ Automatic Tax
☐ Manage Deferred Tax
☐ Manage WTax

G/L Acct/BP Code: , G/L Acct/BP Name: , Ref. 1: , Ref. 2: , Ref. 3: , Offset Account:

Debit (FC): , Credit (FC): , Debit: , Credit: , Debit (SC): , Credit (SC):

Posting Date: 12.05.17, Due Date: 12.05.17, Doc. Date: 12.05.17, Project: , Tax Group: , Distr. Rule: , Remarks:

Primary Form Item:

#	G/L Acct/BP ...	G/L Acct/BP Name	Debit	Credit	Tax Group	Federal Tax ID	Tax Amount	Gross Value	Base Amount	Departments	Line of Business	Payment ...	Bl...
1												N	

☐ Display in FC ☐ Display in SC

Feature

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

Benefit

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

G/L Accounts Opening Balance

Opening Balance Account: 100000, Called Up Capital Not Paid

Date	Ref. 1	Ref. 2	Remarks
01.01.17			G/L Accounts Opening Balance

Due Date	Code	Name	Balance (LC)	OB (LC)	Balance (FC)	OB (FC)	Balance (SC)
01.01.17	100010	Uncalled Share Capit					
01.01.17	101000	Capitalised Formator					
01.01.17	101010	Capitalised Business f					
01.01.17	101500	Accumulated Deprec					
01.01.17	102010	Patents and Royalties					
01.01.17	102020	Licences					
01.01.17	102510	Accumulated Deprec					
01.01.17	102520	Accumulated Deprec					
01.01.17	103000	Goodwill					
01.01.17	103500	Amortisation - Goodi					
01.01.17	110000	Freehold Land					

Business Partners Opening Balance

Opening Balance Account: 100000, Called Up Capital Not Paid

Date	Ref. 1	Ref. 2	Remarks
01.01.17			Business Partners Opening Balance

Due Date	Code	Name	Control Acct	Balance (LC)	OB (LC)	Balance (FC)	O...
01.01.17	C20000	Maxi-Teq	140000	GBP 11,866.20			
01.01.17	C23900	Parameter Technolog	140000	GBP -15,356.78			
01.01.17	C25000	Star Company	140030	GBP 975.18		EUR 1,136.60	
01.01.17	C26000	River Ltd.	140000	GBP 5,094.00			
01.01.17	C30000	Microchips	140000	GBP 2,142.00			
01.01.17	C40000	Earthshaker Corpora	140000	GBP -4,353.03			
01.01.17	C42000	Mashina Corporation	140000	GBP 36.00			
01.01.17	C50000	ADA Technologies	140030				
01.01.17	C60000	SG Electronics	140030	GBP -27,077.56		USD -40,963.78	
01.01.17	C70000	Aquent Systems	140030	GBP 2,325.72		USD 3,073.58	
01.01.17	C99998	Web Customer	140000	GBP 1,596.00			



Change Log Cleanup Utility



Administration

- Choose Company
- Exchange Rates and In
- System Initialization
- Setup
- Data Import/Export
- Utilities**
 - Period-End Closing
 - Check Document Num
 - Duplicate Layout Tem
 - Inconsistency Audit T
 - Transfer Posting Corr
 - Master Data Cleanup
 - Revalidate Manual Int
 - Manual Master Data S
 - UI Configuration Tem
 - Connected Clients
 - Change Logs Cleanup**

Change Logs Cleanup

Introduction
The change logs cleanup utility allows you to delete change logs of various documents and master data. Determine the range of change logs to be deleted by setting date into Logs Clean Up To.
Select the documents/master data to clean up their change logs. Executing the cleanup will delete change log entries which were created on a date which is equal or smaller than the selected date.

Warning: Deleting the change log data is irreversible

Change Logs Cleanup Start a New Cleanup

Cleanup Scenario CLC20170606

Cleanup Date 06.06.17

Logs Clean Up To

Remarks

Select	Module	Document Name	Current Size (MB)	Status
<input type="checkbox"/>		Pick List		
<input type="checkbox"/>		Inventory Counting		
<input type="checkbox"/>	▼ Resources			
<input type="checkbox"/>		Resource Master Data		
<input type="checkbox"/>	▼ Production			
<input type="checkbox"/>		Bill of Materials		
<input type="checkbox"/>		Production Orders		
<input type="checkbox"/>	▼ Service			
<input type="checkbox"/>		Service Call		
<input type="checkbox"/>		Equipment Card		
<input type="checkbox"/>	▼ Human Resou			
<input type="checkbox"/>		Employee Master Data		

Expand Collapse

Summary:
In total, %d log entries were deleted successfully

▼ Utilities	Full Authorization	Full Authorization
Period-End Closing	Full Authorization	Full Authorization
Update Control Report	Full Authorization	Full Authorization
Check Document Numbering - Selection Cr	Full Authorization	Full Authorization
▶ Data Archive Wizard	No Authorization	No Authorization
Master Data Cleanup Wizard	No Authorization	No Authorization
▼ Change Logs Cleanup	No Authorization	No Authorization
Execute Change Logs Cleanup	No Authorization	No Authorization

Feature

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

Benefit

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

Quick Copy



Quick Copy

Source: OEC Computers UK
Target:

Data Categories:

- Customization
- Administration
- Financials
- Business Partners
- Inventory
- Resources
- Production
- MRP
- Human Resources

Source or Target

- ☐ Copy to File
- ☐ Copy from File
- ☒ Copy to Company: OEC Computers UK(dewdfth12415:30015)

Copy Method

- ☐ Add New Records and Update Existing Records
- ☐ Add New Records Without Updating Existing Records
- ☐ Update Existing Records Without Adding New Records
- ☐ Delete All Records Then Add New Records

Error Handling

- ☐ Ignore All Errors and Copy Valid Records
- ☐ Errors Terminate the Copy Process

If Target Records Are Missing UDFs

Copy Options

When Copying Objects with Accounts:
When Copying Empty Fields:
☒ Force Backup Before Starting Copy Process
☒ Allow Copying When Multiple Connections to the Database Exist Copy Process
Note: To ensure data integrity, it is recommended that you avoid copying while there are multiple connections to the data

Choose Company

User ID: Password: Change User
☐ Log on with Current Domain User
Current Server: HANADB dewdfth12415:30015
Database: SBODEMOGB
Companies on Current Server

Company Name	Database Name	Localization	Version
OEC Computers UK	DIPAN	United Kingdom/I:	930000
OEC Computers UK	MARIE	United Kingdom/I:	930000
OEC Computers UK	MARC	United Kingdom/I:	930000
OEC Computers UK	DARIUS	United Kingdom/I:	930000
OEC Computers UK	MIRIAM	United Kingdom/I:	930000
OEC Computers UK	SBODEMOGB	United Kingdom/I:	930000

Find By:
☒ Company Name
☐ Database Name

OK Cancel

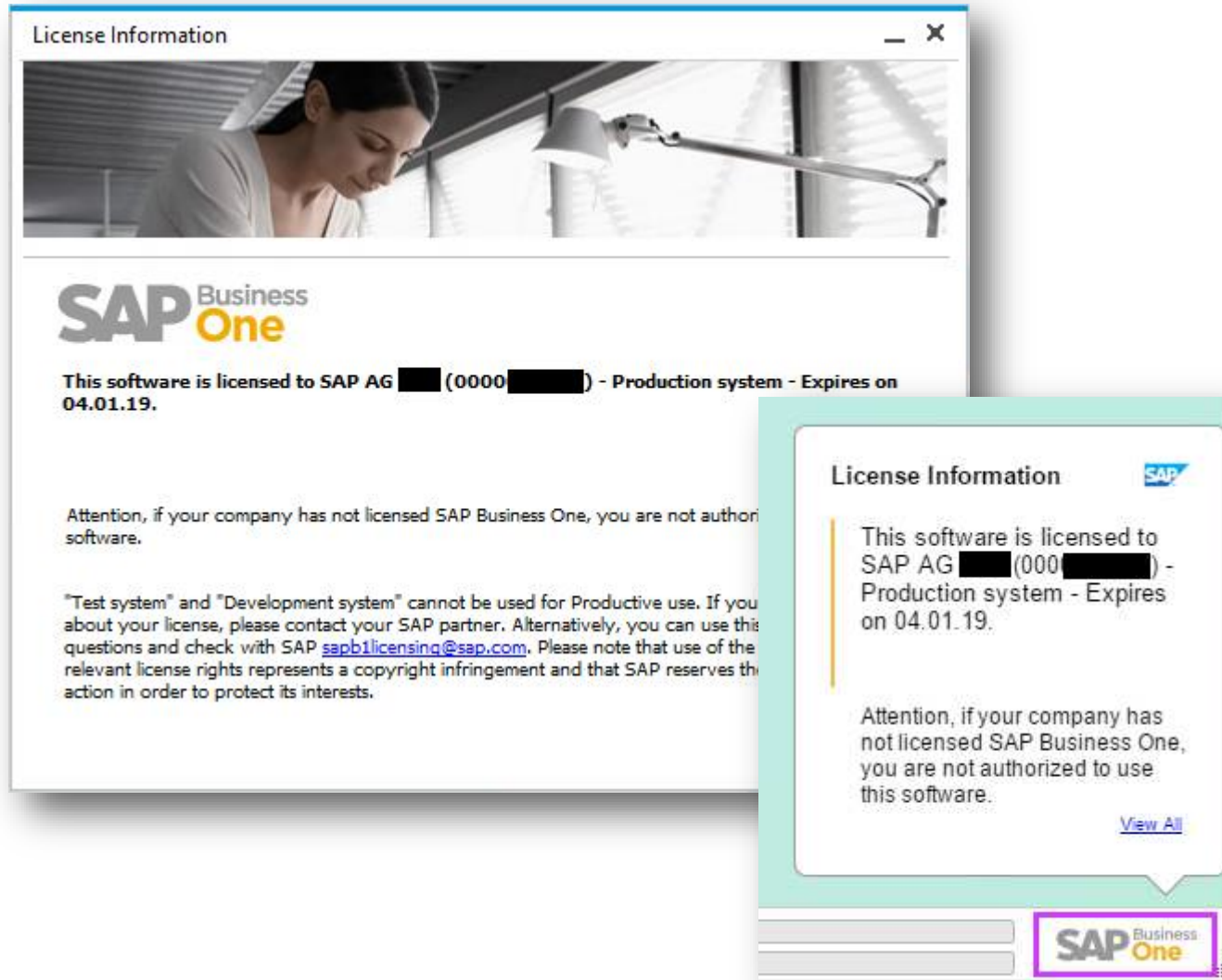
Feature

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

Benefit

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

License Updates



Feature

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

Benefit

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

Multiple Ways to Input Dates

PL01



A/R Invoice

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

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

SYSTEM DATE + 10 = New DUE DATE

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

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

20.11.17 13:25

A/R Invoice

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

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

Feature

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

Benefit

- Quicker date input
- Ease of Use

Display Database Field Name for Import from Excel

PL01



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]

Managing Multiple Open Windows

PL01



Data Go To Modules Tools Window

Cascade
Close All
Close All But This
Color
Main Menu Ctrl+0
Show/Hide All Widgets
Auto Arrange All Widgets
Messages/Alerts Overview
Calendar
System Messages Log
Select Default Branch
My Personal Settings
User List Ctrl+1
Payment Means 1115 Ctrl+2
Incoming Payments Ctrl+3
Sales Order 1225 Ctrl+4
Sales Order 1226 Ctrl+5
Journal Entry 6540 Ctrl+6

Incoming Payments
Code C20000
Name Maxi-Teq
Bill To Bill To Hendon Way
London
Greater London NW2 7YT
UNITED KINGDOM
Customer No. Primary 1115
Posting Date 20.11.17
Due Date 20.11.17
Document Date 20.11.17
Reference
Contact Project Blanket A
Payment Means
Currency GBP
Check Bank Transfer Credit Card Cash
G/L Account
Transfer Date
Reference
Total
Overall Amount
Balance Due
Bank Charge
Paid
OK Cancel

Feature

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

Benefit

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

User Group selection in UI Configuration Template

PL01



The screenshot shows two overlapping SAP dialog boxes. The background dialog is 'UI Configuration Template' and the foreground dialog is 'User Groups'.

UI Configuration Template Dialog:

- Name:** New Sales Quote Templ
- Description:** New Sales Quote Template
- Assigned Groups Table:**

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

User Groups Dialog:

- Name:** Template1
- Description:** Template for Remote Sales
- Group Type:** UI Configuration Templates
- Active From:** [] **To:** []
- Group Type:** UI Configuration T
- Users Table:**

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

Feature

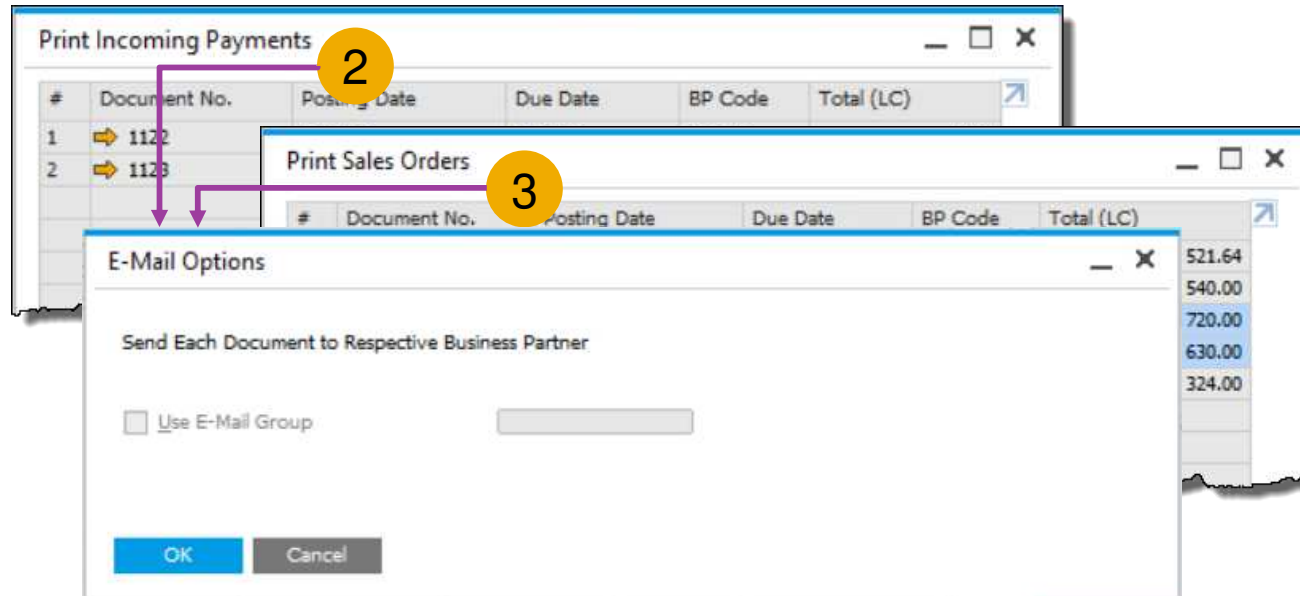
- You can now assign Groups to UI Templates.
- These Groups must first be created in User Groups using the Group Type UI Configuration Template.

Benefit

- Quickly apply UI Templates predefined groups of users.



Email Enhancements

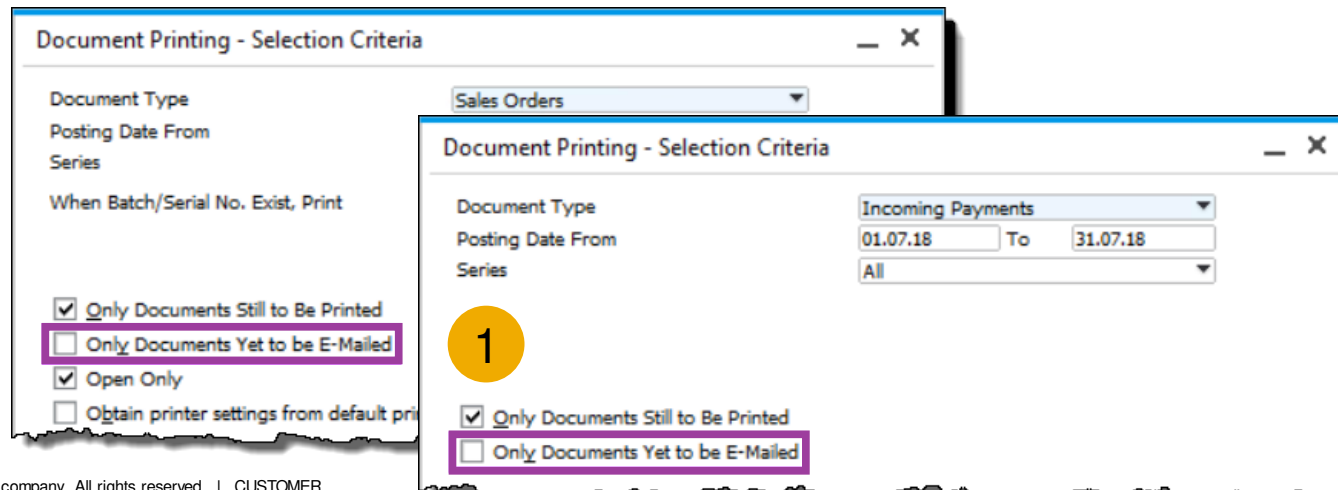


Feature

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

Benefit

- Better E-Mail handling



Administration



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

Data Protection

SAP Business One 9.3



Personal Data Protection Management Initialization

PL04 GDPR (1/13)



The screenshot shows the 'Company Details' form in SAP, specifically the 'Basic Initialization' tab. The form contains various settings for company initialization. The 'Enable Personal Data Protection Management' checkbox is highlighted with a red rectangle. Other visible settings include 'Chart of Accounts Template' (SKR03), 'Local Currency' (Euro), 'System Currency' (Euro), 'Default Account Currency' (All Currencies), 'Display Credit Balance with Negative Sign' (checked), 'Use Segmentation Accounts' (unchecked), 'Allow Negative Amounts for Reversal Transaction Posting' (unchecked), 'Permit More than One Document Type per Series' (unchecked), 'Multi-Language Support' (checked), 'Use Perpetual Inventory' (checked), 'Item Groups Valuation Method' (Moving Average), 'Manage Item Cost per Warehouse' (checked), 'Use Purchase Accounts Posting System' (unchecked), 'Allow Stock Release Without Item Cost' (checked), 'Manage Serial and Batch Cost By' (Items Group Valuation Method), 'Items Group Valuation Method' (radio button selected), 'Serial/Batch Valuation Method' (radio button unselected), 'Enable Separate Net and Gross Price Mode' (unchecked), 'Ordering Party' (empty), 'House Bank' (empty), 'Default Bank Country' (Germany), 'Default Bank' (Deutsche Bank Privat und Geschäft), 'Default Account No.' (45679234709784567), 'Default Branch' (Berlin Filiale), 'Install Bank Statement Processing' (unchecked), 'Enable Intrastat' (unchecked), 'Enable Fixed Assets' (checked), 'Calculate Depreciation By' (Month), 'Enable Multiple Branches' (unchecked), 'Mask Credit Card Number' (checked), 'Enable Advanced G/L Account Determination' (unchecked), 'Allow Selection of Any Account Type for Revenue Accounts' (unchecked), 'Enable Project Management' (unchecked), and 'Enable Personal Data Protection Management' (checked). The 'Terms and Conditions' field is empty, and the 'Browse' button is visible. The 'OK' and 'Cancel' buttons are at the bottom.

Feature

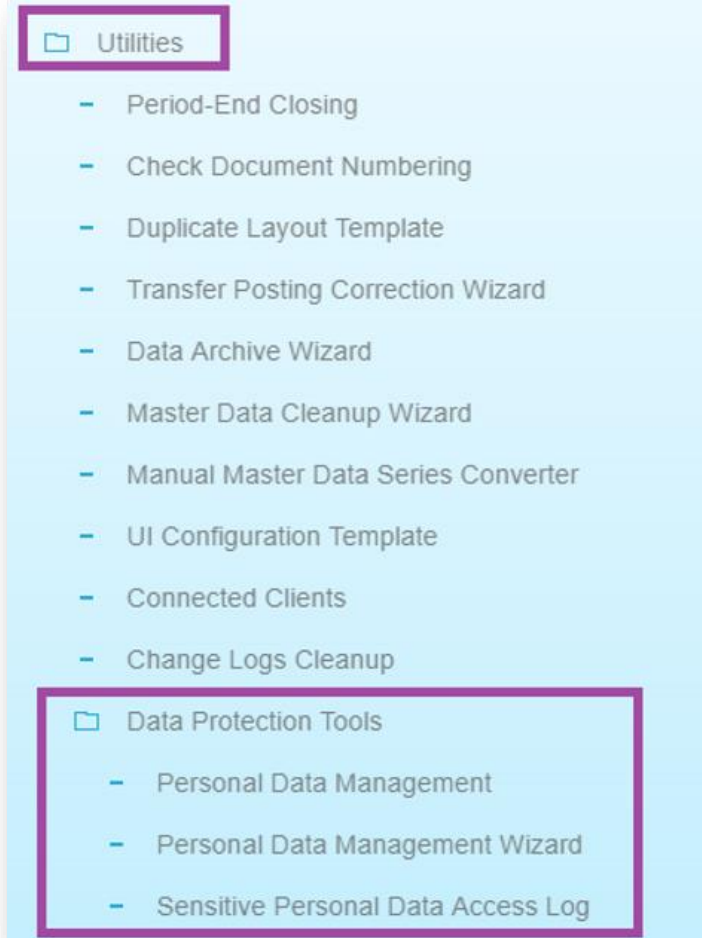
- Initialization setting on Company Details form to activate all new Data Privacy and Protection enhancements in SAP Business one.
- Automatically activated for all localizations for EU countries, Norway and Switzerland after upgrade to 9.3 PL04. It can be turned off (not recommended) before any natural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

Benefit

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



Data Protection Tools – Main Menu Entry



Feature

- Data Protection Tools are managed under Administration/Utilities.

Benefit

- Centralized location for managing personal data protection.

Personal Data Management

PL04 GDPR (3/13)



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

Activity

Activity: Phone Call
 Type: General
 Subject:
 Assigned To: User Jayson Butl
 Assigned By: Jayson Butler
☐ Personal

Number: 2
 BP Code: C20000 Customer
 BP Name: Maxi-Teq
 Contact Person: Max Teq
 Telephone No.: 555-0139

Change Log...

#	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

#	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)

PL04 GDPR (6/13)



The screenshot shows two SAP windows. The 'Employee Master Data' window on the left displays personal data for employee Robert Leitner (User Code: bernhard). The 'Sensitive Personal Data Access Log' window on the right shows a table of access logs for sensitive data. A context menu is open over the 'Display Sensitive Data' button in the Employee Master Data window.

Date	From	To	Details		
To view the access details of a user, double-click the relevant table row.					
Find					
User Code	User Name	Superuser	Locked	Canceled	Latest Data Access
friedric	Friedrich Günthe	No	No	N	
georg	Georg Travnick	No	No	N	
gunther	Günther Zeiner	No	No	N	
gustav	Gustav Kilian	No	No	N	
hermann	Hermann Ludger	Yes	No	N	
hinrich	Hinrich Günter	No	No	N	
ingolf	Ingolf Müller	No	No	N	
isabel	Isabel Meißner	No	No	N	
johann	Johann Brugstall	No	No	N	
karl	Karl Salzberger	No	No	N	
kolman	Kolman Winfried	No	No	N	
konrad	Konrad Eberhart	No	No	N	
kora	Kora Adelheid	No	No	N	
manager	Robert Leitner	Yes	No	N	19.03.2018 00:15:30
maria	Maria Breil	No	No	N	
marianne	Marianne Wolling	No	No	N	
olaf	Olaf Böhm	No	No	N	
stephan	Stephanie Hofma	No	No	N	

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

Feature

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

Benefit

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

Determine Natural Person

PL04 GDPR (7/13)



Personal Data Management Wizard

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

6 Summary Report

General Parameters

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

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

Business Partner Master Data

Code: Manuell, C99998, Customer

Name: Web Einmalkunde

Foreign Name:

Group: Kunden

Currency: Euro

Federal Tax ID:

Account Balance: 0.00

Deliveries: 614.52

Orders: 0.00

Opportunities:

Local Currency:

General

Tel 1:

Tel 2:

Mobile Phone:

Fax:

E-Mail:

Web Site:

Shipping Type:

Password:

Factoring Indicator:

BP Project:

Industry:

Business Partner Type: Company

Contact Person

ID No. 2:

Unified Federal Tax ID:

Remarks:

Sales Employee:

BP Channel Code:

Technician:

Territory:

Language: German

Alias Name:

GLN:

Block Sending Marketing Content:

From: To: Remarks:

Personal Data Protection

☒ Natural Person

Status: None

OK Cancel

You Can Also

Feature

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

Benefit

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



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

KEY SCENARIO / GDPR REQUIREMENT

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

Personal Data Management Wizard

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

6 Summary Report

General Parameters

Select this action when you wish to create a Personal Data Report for a natural person. The result is a report which includes the personal data of the natural person, in master data and in documents, which is held by the company.

The need to create a personal data report can be driven by a request from a natural person (Business Partner/Employees/User/Contact persons) to view any personal data held about him by the company.

Run Name: Pdm20180319n2

Run Date: 19.03.2018

Action: Personal Data Report

Personal Data Report
Personal Data Cleanup
Determine Natural Persons
Reverse Natural Person Determination

Personal Data Report - Report Results

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

#	Natural Person	Natural Person Name	Natural Person Code	Data Type	Field Name	Database reference	Value
1	Users						
2		▼ Alex Torres	19				
3				Users	User Name	OUSR_U_NAME	Alex Torres
4				Users	E-Mail	OUSR_E_Mail	alex.torras@oec.com
5	Employee Master Data						
6		▼ Barrera, william	3				
7				Employees	[Home Address]	OHEM.[Home Address Kings Road, 1345, 5.7.8, AT, 94444	
8				Employees	Last Name	OHEM.lastName	Barrera
9				Employees	First Name	OHEM.firstName	william
10				Employees	Job Title	OHEM.jobTitle	HR
11				Employees	Mobile Phone	OHEM.mobile	57-99999
12				Employees	Home Phone	OHEM.homeTel	39-88888
13				Employees	E-Mail	OHEM.eMail	w.barr@adac.com
14				Employees	Name Positioning Set	OHEM.NamePos	Last Name, First Name
15				Employees	Religion	OHEM.Religion	
16				Employees	Religion of Partner	OHEM.RelPartner	
17				Employees	Deviating Bank Accov	OHEM.DevBAOwner	No
18	Business Partner Master Data						
19		▼ Masi-Teq	C20000				
20				Business Partner	[Bill To]	OCRD.[Bill To]	4417 Stonebridge Rd, Suite 500, Northampton, Northampton County, 18067
21				Business Partner	[Ship To]	OCRD.[Ship To]	4417 Stonebridge Rd, Suite 500, Northampton, Northampton County, 18067
22				Business Partner	BP Name	OCRD.CardName	Masi-Teq
23				Business Partner	Telephone 1	OCRD.Phone1	555-0110
24				Business Partner	Fax Number	OCRD.Fax	555-0111
25				Business Partner	E-Mail	OCRD.E_Mail	info@masi-teq.sap.com
26				Business Partner	Default Account	OCRD.DFAccount	230-6789-456464
27				Business Partner	Credit Card No.	OCRD.CrCardNum	ujenKH06+1/52YLSH10g==
28				Business Partners - Addresses	[Ship To]/[Bill To]	CRD1.[Ship To]/[Bill To]	4417 Stonebridge Rd, Suite 500, Northampton, Northampton County, 18067, PA

Feature

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

Benefits

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

Reverse Natural Person Determination

Personal Data Management Wizard

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

General Parameters

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

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

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

[illegible]

Feature

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

Benefit

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

Personal Data Cleanup – Irreversible Erasure of Personal Data

PL04 GDPR (10/13)



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 erased his personal data.

Business Partner Master Data

Code: Manuell C00008 Customer

Name: *

Foreign Name: *

Group: Einzelhandel

Currency: Euro

Federal Tax ID: *

Account Balance: 0,00

Deliveries: 0,00

Orders: 0,00

Opportunities: *

Local Currency: *

General

Tel 1: *

Tel 2: *

Mobile Phone: *

Fax: *

E-Mail: *

Web Site: *

Shipping Type: *

Password: *

Factoring Indicator: *

BP Project: *

Industry: *

Business Partner Type: Company

Contact Person

Contact Person: *

ID No. 2: *

Unified Federal Tax ID: *

Remarks: *

Sales Employee: *

BP Channel Code: *

Technician: *

Territory: *

Language: German

Alias Name: *

GLN: *

Block Sending Marketing Content: *

From: * To: * Remarks: *

Personal Data Protection

Natural Person: *

Status: Erased

OK Cancel

You Can Also

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.



Sensitive Personal Data

Employee Master Data

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

Feature

- Control by log/record of any access to a special category of personal data – sensitive personal data.
- In the core SAP Business One application the following three fields affect all localizations:
 - 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

PL05 GDPR (12/13)



Personal Data Management Wizard

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

General Parameters

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

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

Business Partner Master Data

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

Personal Data Management Wizard

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

Personal Data Blocking - Summary Report

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

Feature

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

Benefit

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



Personal Data Unblocking

Personal Data Management Wizard

1 Wizard Run Selection

2 General Parameters

3 Selection Criteria

4 Report Results

5 Save Options

General Parameters

Select the action "Unlock Personal Data" to unlock access to the personal data of a and contain their personal data can be required by law to complete legal processes.

Unlocking the personal data of selected natural persons decrypts the database record company can then provide the data as required by law.

Once unlocked, the personal data are accessible to all authorized users. The data can by law, can go through a cleanup process.

Run Name: Pdm20180705n4

Run Date: 05.07.18

Action: Personal Data Unblocking

Business Partner Master Data

Code: Manual C80000 Customer

Name: INKJettters

Foreign Name:

Group: Construction

Currency: British Pound

Federal Tax ID:

General Contact Persons Addresses Payment Terms

Tel 1:

Tel 2:

Mobile Phone:

Fax:

E-Mail:

Web Site:

Shipping Type:

Password:

Factoring Indicator:

BP Project:

Industry:

Business Partner Type: Company

Personal Data Protection

☒ Natural Person Status: Unblocked

Alias Name:

Active

☒ Inactive

Advanced

From: To: Remarks

OK Cancel

Expand All Collapse All

Back Next Close

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 Unblocking - Summary Report

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

Feature

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

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

Sales | Purchasing | Service

SAP Business One 9.3



RMA - Return Material Agreement (1/2)

PL01 Update



Sales - A/R

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

Purchasing - A/P

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

Return Request

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

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

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

Item Master Data

Item No.: A00001
 Description: J.B. Officeprint 1420
 Foreign Name:
 Item Type: Items
 Item Group: J.B. Printers
 UoM Group: Manual
 Price List: Base Price
 Bar Code:
 Unit Price: Primary Curr GBP 200.00 Manual

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

Set Inv. Method By: Warehouse
 UoM Name:
 Weight:
 Valuation Method: Moving Average

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

Set Default Whse

Feature

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

Benefit

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

RMA - Return Material Agreement (2/2)



Open Items List

Currency: Local Currency

Open Documents

Return Requests

- Sales Quotations
- Sales Orders
- Deliveries
- Return Requests**
- Returns
- A/R Down Payments - Unpaid
- A/R Down Payments - Not Yet Fully Applied
- A/R Invoices
- A/R Credit Memos
- A/R Reserve Invoices - Unpaid
- A/R Reserve Invoices - Not Yet Delivered
- Purchase Request
- Purchase Quotations
- Purchase Orders
- Goods Receipt POs
- Goods Return Requests**
- Goods Return
- A/P Down Payments - Unpaid
- A/P Down Payments - Not Yet Fully Applied

OK

Service Call Related Documents Details

Service Call

Service Call Type

Business Partner Code

Business Partner Name

Contact Person

Telephone No.

Business Partner Ref. No.

Mfr Serial No.

Serial Number

Item

Description

Item Group

Subject

General

Document Type

All Documents

☐ Sales Quotation

☐ Purchase Quotation

☐ Sales Order

☐ Purchase Order

☐ Delivery

☐ Goods Receipt PO

☐ Return Request

☐ Goods Return Request

☐ Returns

☐ Goods Return

☐ A/R Invoice

☐ A/P Credit Memo

☐ A/R Credit Memo

☐ Transferred to Technician

☐ Returned from Technician

OK

Cancel

Display All Documents

Details

Feature

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

Benefit

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



Gross Price Mode



Company Details

General Accounting Data Basic Initial

Chart of Accounts Template
Local Currency
System Currency
Default Account Currency

☒ Display Credit Balance with Negative Sign
☐ Use Segmentation Accounts
☒ Allow Negative Amounts for Reversal Transaction
☐ Permit More than One Document Type per Segment

☒ Multi-Language Support

☒ Use Perpetual Inventory

Item Groups Valuation Method
☒ Manage Item Cost per Warehouse
☐ Use Purchase Accounts Posting System
☒ Allow Stock Release Without Item Cost

Manage Serial and Batch Cost By
☐ Items Group Valuation Method
☐ Serial/Batch Valuation Method

☒ Enable Separate Net and Gross Price Mode

Business Partner Master Data

Code Manual C30000 Customer
Name Microchips
Foreign Name
Group Large Accounts
Currency British Pound
Federal Tax ID GB566678935

Account Balance 2,142.00
Deliveries 2,159.90
Orders 14,585.66
Opportunities 3

Local Currency

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

Payment Terms 2P10Net30
Interest on Arrears %
Price Mode Gross
Price List Gross Price
Total Discount %
Credit Limit 0.00
Commitment Limit 0.00
Dunning Term Standard
Automatic Posting No

Credit Card Type American Express
Credit Card No. 5119 6291 8983 3414
Expiration Date
ID Number
Average Delay
Priority Second
Default IBAN
Holidays
Payment Dates

Feature

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

Benefit

- Supports retail businesses
- Streamlined gross price calculation method

*Not available in Brazil, India or Israel localizations

A/R Invoice

Customer C30000
Name Microchips
Contact Person Judy Brown
Customer Ref. No.
Local Currency

No. Primary 1307
Status Open
Posting Date 11.05.17
Due Date 10.06.17
Document Date 11.05.17

Contents Logistics Accounting Attachments

Item/Service Type Item Price Mode Gross Summary Type No Summary

#	Item No.	Item Description	Quantity	Unit Price	Gross Price	Tax Code	Disc...	Gross Price af...	Gross Total (LC)
1	A00001	J.B. Officeprint 1420	1	GBP 200.00	GBP 240.00	O1	10.00	GBP 216.00	GBP 216.00
2	A00002	J.B. Officeprint 1111	1	GBP 100.00	GBP 120.00	O1	5.00	GBP 114.00	GBP 114.00
3	A00003	J.B. Officeprint 1186	1	GBP 150.00	GBP 180.00	O1	0.00	GBP 180.00	GBP 180.00

Gross Price

Find Price Mode Gross

#	m No.	Item Description	Base Price List	Factor	Base Price	Price	Ma...
1	A00001	J.B. Officeprint 1420	Base Price	1.2	GBP 200.00	GBP 240.00	M
2	A00002	J.B. Officeprint 1111	Base Price	1.2	GBP 100.00	GBP 120.00	M
3	A00003	J.B. Officeprint 1186	Base Price	1.2	GBP 150.00	GBP 180.00	M
4	A00004	Rainbow ColorJet 5	Base Price	1.2	GBP 250.00	GBP 300.00	M
5	A00005	Rainbow ColorJet 7.5	Base Price	1.2	GBP 200.00	GBP 240.00	M
6	A00006	Rainbow 1200 Laser Series	Base Price	1.2	GBP 200.00	GBP 240.00	M
7	B10000	Printer Label	Base Price	1.2	GBP 6.90	GBP 8.28	P
8	B10010	Printer Label version 93	Base Price	1.2	GBP 5.00	GBP 6.00	P
9	C00001	Motherboard P4 Turbo	Base Price	1.2	GBP 200.00	GBP 240.00	M
10	C00002	Motherboard P4 Turbo - Asus Chipset	Base Price	1.2	GBP 150.00	GBP 180.00	M
11	C00003	Quadcore P4 2.4 GhZ	Base Price	1.2	GBP 65.00	GBP 78.00	M

OK Cancel Clear Selection Criteria

Price Lists (1/2)



Item Master Data

Item No. ☐ Inventory Item
 Description ☐ Sales Item
 Foreign Name ☐ Purchase Item
 Item Type
 Item Group
 UoM Group
 Price List

Bar Code Each
 Unit Price GBP 1.00 Box
 Pricing Unit

Set Inv. Method By
 UoM Code
 UoM Name
 Weight
 Inventory Counting UoM Code
 Inventory Counting UoM Name
 Items per Counting Unit Each
 Valuation Method

Base Price - UoM Prices

#	UoM Code	UoM Name	Base Price	Reduce By %	Price	Auto
1	Box	Box	GBP 1.00		GBP 1.00	<input type="checkbox"/>
2	Each	Eac	GBP 0.001000	0.00		<input checked="" type="checkbox"/>
3	BigBox	Big Box	GBP 2.000000	0.00	GBP 2.00	<input checked="" type="checkbox"/>
4				0.00		<input checked="" type="checkbox"/>

Base Price

Find Price Mode

#	Item No.	Item Description	Base Price List	F..	Base Price	Price	Ma...	Inventory UoM	Pricing Unit
60	P10002	PC - P4 2.4G, DDR 1G	Base Price	1	GBP 700.00	GBP 700.00	<input type="checkbox"/>	Manual	Manual
61	P10003	PC Set 1	Base Price	1	GBP 885.00	GBP 885.00	<input type="checkbox"/>	Manual	Manual
62	P10004	PC Set 2	Base Price	1	GBP 955.00	GBP 955.00	<input type="checkbox"/>	Manual	Manual
63	P20001	4GB Memory Server	Base Price	1	GBP 700.00	GBP 700.00	<input type="checkbox"/>	Manual	Manual
64	P20002	32GB Memory Server	Base Price	1	GBP 1,750.00	GBP 1,750.00	<input type="checkbox"/>	Manual	Manual
65	P20003	External HD	Base Price	1	GBP 55.00	GBP 55.00	<input type="checkbox"/>	Manual	Manual
66	R00001	Printer Paper A4 Wh	Base Price	1	GBP 5.00	GBP 5.00	<input type="checkbox"/>	Pack	Pack
67	R00002	Printer Paper A4 Rec	Base Price	1	GBP 3.00	GBP 3.00	<input type="checkbox"/>	Pack	Pack
68	R00010	Nail	Base Price	1	GBP 1.00	GBP 1.00	<input type="checkbox"/>	Each	Box
69	S10000	Server Point 10000	Base Price	1	GBP 935.00	GBP 935.00	<input type="checkbox"/>	Manual	Manual
70	TR0001	Travel Expense per 1	Base Price	1	GBP 200.00	GBP 200.00	<input type="checkbox"/>	Manual	Manual
71	Z00001	Tablet PC 64GB Black	Base Price	1	GBP 700.00	GBP 700.00	<input type="checkbox"/>	Manual	Manual
72	Z00002	Tablet PC 64GB White	Base Price	1	GBP 700.00	GBP 700.00	<input type="checkbox"/>	Manual	Manual

Feature

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

Benefit

- Accurate pricing for small value items.

Price Lists (2/2)



Business Partner Master Data

Code: Manual C20000 Customer

Name: Maxi-Teq

Foreign Name:

Group: Construction

Currency: British Pound

Federal Tax ID: GB566678929

Account Balance: 14,378.10

Deliveries: 6,677.91

Orders: 13,674.52

Opportunities: 6

Local Currency:

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

Payment Terms: 2P10Net30

Interest on Arrears %:

Price Mode: Net

Price List: Regular Sales Price

Total Discount %:

Credit Limit: 0.00

Commitment Limit: 0.00

Dunning Term: Standard

Automatic Posting: No

Effective Discount Groups: Lowest Discount

Effective Price: Highest Price

Business Partner Bank: Default Hierarchy

Bank Country: Lowest Price

Bank Name: Highest Price

Bank Code: Barclays

Account: 33445577

BIC/SWIFT Code:

Bank Account Name:

Branch: 345678

Ctrl Int. ID:

IBAN:

Mandate ID:

Date of Signature:

OK Cancel

Special Prices for Business Partners

BP Code: C20000 BP Name: Maxi-Teq BP Type: Customer Price Mode: Net

Price List: Regular Sales Price

Discount Percentage: 0.00

Find:

#	Item No.	Item Description	Price List	Primary Curre...	Discount %	Source Price	Price after Discount	A.
1	C00001	Motherboard P4 Turb	Regular Sales Price	GBP 300.00	10.00	Price - Pri.	GBP 270.00	✓
2			Regular Sales Price		0.00	Price - Pri.		✓

Active From: 01.05.17 To: 31.05.17

OK Cancel Add Items Copy Discounts

Feature

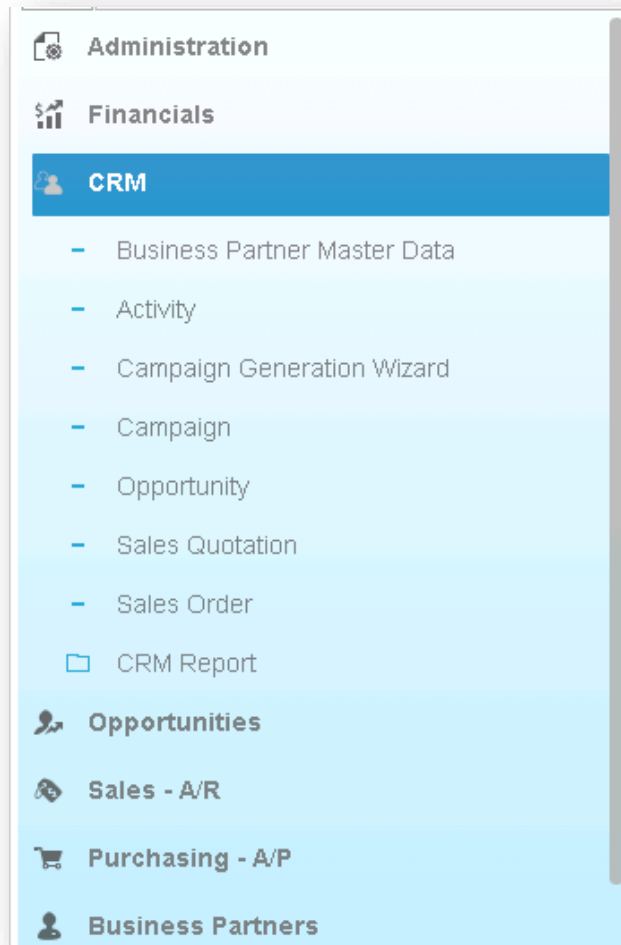
- Pricing hierarchy per BP – options to override the existing logic for selecting effective prices by applying the highest/lowest price per BP.
- Special prices can be limited by an active period.

Benefit

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



Centralized CRM Module



Feature

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

Benefit

- Centralized CRM module enhances usability and increases productivity.

CRM Enhancements



The screenshot displays the 'Activity' form with the 'Other Details' tab selected. A purple arrow points from the 'Recipient List' dropdown in the 'Assigned To' field to the 'Recipient List - Management Team' window. This window shows a table of recipients. Another purple arrow points from the 'Activities Overview' window to the 'Handled By' column in the 'Activities Overview' table.

Activity Form Fields:

- Activity: Phone Call
- Type: Project meeting
- Subject: NSI-C20000
- Assigned To: Recipient List (Management Team)
- Assigned By: Jayson Butler
- Number: 3
- BP Code: [Empty]
- BP Name: [Empty]
- Contact Person: [Empty]
- Telephone No.: [Empty]
- Remarks: [Empty]
- Start Time: 17.05.17 17:29
- End Time: 17.05.17 17:44
- Duration: 15 Minutes
- Recurrence: None
- Reminder: 15 Minutes

Recipient List - Management Team Table:

#	User Name	Department	Branch	Recipient Type
1	keith	Logistic	Main	User
2	mary	Logistic	Main	User
3	Kora	General	Main	User
4	manager	General	Main	User

Activities Overview Table:

Number	Start Date	Start Time	Handled By	Activity	Recurrence	BP Name	Contact Person	St...
1	18.07.16	12:42	Jayson Butler	Meeting	None	Maxi-Teq	Norm Thomp	
3	17.05.17	17:29	Management Team	Phone Ci	None			
4	17.05.17	17:34	Multiple	Phone Ci	None			
5	17.05.17	17:34	Jayson Butler	Phone Ci	None			

Feature

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

Benefit

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

Campaign Management



Campaign Generation Wizard

Campaign Generation Options

☐ Create New Campaign
☐ Create Campaign Based on Existing Campaign
☒ Load Saved Campaigns
☒ View Executed Campaigns
☐ Run an Executed Campaign Again

Start Date From

Find by Name

#	Campaign No	Campaign Name	Remarks	Campaign Type	Owner	Targ...	Start...	End ...	Status	Executed
1	1	Summer Sales		E-Mail			08.06.17		Open	Yes

Campaigns List Report

#	Campaign No.	Campaign Name	Start Date	BP C...	Sales Amount	Gross Profit	Gross Profit %	Numbe...	Total Sales Amount	Total Gross Profit	Total Gross Profit %
1	1	Summer Sales	08.06.17					3	GBP 360.00	GBP 152.67	73.64
2				→ C200	GBP 360.00	GBP 152.67	73.64				
3				→ C239							
4				→ C250							

Campaigns List - Selection Criteria

☐ Response Type
☒ Documents

Start Date From

End Date From

OK Cancel

Document Types

Document Type

☐ Sales Opportunities
☐ Sales Quotations
☒ Sales Orders
☐ Deliveries
☒ A/R Invoices
☐ Without Linked Document

Feature

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

Benefit

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



Blanket Agreements (1/2)



Sales Blanket Agreement

BP Code: C50000
BP Name: ADA Technologies
Contact Person: Mary Brown
Customer Ref. No.:
BP Currency: EUR
Telephone No.: +49 949 32728389
E-Mail: mary.brown@ada-tech.co

No.: Primary 4
Agreement Method: Items Method
Start Date: 08.06.17
End Date:
Exchange Rate: 1.2000
BP Project: PR1
Termination Date:
Signing Date: 08.06.17

Description:
☐ Set as Default

General Details Documents Attachments Recurring Transactions

Agreement Type: General
☒ Ignore Prices Specified in Blanket Agreement
Payment Terms: 2P10Net30
Payment Method: Incoming BT
Shipping Type: Fedex EM
Settlement Probability %: 0.00
Remarks:

Status: On Hold
Owner:
☐ Renewal
Reminder: Day(s)

General Details Documents Attachments Recurring Transactions						
#	Group	Planned Quantity	Unit Price	Cumulative Committed Quantity	Cumulative Committed Amount...	Cumu...
1	Printers	100	EUR 100.00	10	GBP 2,500.00	50
2						

Feature

- Determine exchange rate in blanket agreement when BP currency is foreign currency and blanket agreement is managed on the document header.
- Add committed/ordered qty/amount to *Details* tab.
- Determine shipment type within the blanket agreement.
- Payment Method and Payment Terms in the blanket agreement can be determined when the blanket agreement is not managed on the document header.
- When no document is linked to the blanket agreement, you are able to update the Start Date.
- Manage customer/vendor reference no. in blanket agreement.
- Display document status in Documents tab.
- Manage project code in blanket agreement.

Benefit

- Exchange rates can be an agreed blanket agreement term.
- Increases flexibility and productivity - user can update the blanket agreement terms instead of creating new one.
- Easily track committed/ordered qty/amount in blanket agreement which is not delivered yet.

Blanket Agreements (2/2)



The 'Document Settings' dialog box, 'Blanket Agreements' tab, contains the following settings:

- ☒ Block Multiple Blanket Agreements for Same A/P Document
- ☒ Block Multiple Blanket Agreements for Same A/R Document
- When No Default Blanket Agreement is Available, and Only One Valid Blanket Agreement Exists
 - ☐ Automatically Assign the Blanket Agreement to A/P Document
 - ☐ Automatically Assign the Blanket Agreement to A/R Document
- When Quantity/Amount Exceeds Planned Quantity/Amount for Documents
 - Purchase Orders: Without Warning
 - Goods Receipts POs: Without Warning
 - Accounting: Without Warning
- ☐ Enable Negative Payment for Payment
- ☐ Enable Multiple Scheduling for Scheduling

Buttons: OK, Cancel

The 'General Settings' dialog box, 'Blanket Agreements' tab, contains the following settings:

- ☒ Allow Multiple Blanket Agreements for Same Period
- ☒ Enable Updating Unit Price/Planned Quantity/Planned Amount in Blanket Agreement with Linked Documents

Buttons: OK, Cancel

Feature

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

Benefit

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





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



Financial Management

SAP Business One 9.3



Financial Scenario Updates (1/3)



Chart of Accounts

G/L Account Details

☐ Title ☒ Active Account

G/L Account: 400000
 Name: Sales Revenue (Domestic) - P
 External Code:
 Currency: All Currencies

☐ Confidential Level: 5
 Balance: -929,452.48 GBP

G/L Account Properties
 Account Type: Sales
☐ Indexed
☐ Reval. (Currency)

☐ Block Manual Posting

Primary Closing Account: 345000

Relevant for Cost Accounting
☐ Project
 Distribution Rule:
☐ Departments
☐ Line of Business

OK Cancel Account Details

Level	5
Turnover	1
350002 - Gross Sales Revenue	2
350003 - Domestic Sales	3
350004 - Domestic Sales	4
400000 - Sales Revenue (Domestic) -	5
400010 - Sales Revenue (Domestic) -	6
400020 - Sales Revenue (Domestic) -	7
400030 - Sales Revenue (Domestic) -	8
400040 - Sales Revenue (Domestic) -	9
400041 - Foreign Sales	10
400042 - Foreign Sales	
410000 - Sales Revenue (Foreign) - Product No.1	
410010 - Sales Revenue (Foreign) - Product No.2	
410020 - Sales Revenue (Foreign) - Product No.3	
410030 - Sales Revenue (Foreign) - Product No.4	
410031 - Miscellaneous Revenue	
410032 - Miscellaneous Revenue	
420000 - Miscellaneous Revenue	
420100 - Retirement with revenue (net)	
420200 - Revenue NBV (net)	
420300 - Retirement Revenue	
420001 - Sales Discounts	
420002 - Sales Discounts	
420003 - Discounts	
450000 - Customer Discounts Allowed	
450005 - Customer Discounts for Early Payment	
450010 - Unjustified Customer Discounts	
420004 - Rebates & Bonuses	
450020 - Sales Rebates	
450030 - Sales Bonuses	
450040 - Other Sales Deductions	

Assets
Liabilities
Capital and Reserves
Turnover
Cost of Sales
Operating Costs
Non-Operating Income and Expenditure
Taxation and Extraordinary Items
AcctGroup9AcctName
AcctGroup10AcctName

Feature

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

Benefit

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

Period-End Closing - Selection Criteria

P/L Accounts Find 1

#	X	Account
1	x	Turnover
32	x	Cost of Sales
94	x	Operating Costs
227	x	Non-Operating Income and Expense
251	x	Taxation and Extraordinary Items
266	x	AcctGroup9AcctName
267	x	AcctGroup10AcctName

Period: From To

Retained Earnings Account: 340000 Retained Earnings
 Period-End Closing Account: 350000 Period End Closing

☒ Use Primary Closing Account

Execute Cancel Expanded Previous Report Settings

Financial Scenario Updates (2/3)



G/L Account Details

G/L Account: 161000
 Account Name: Bank Account
 Foreign Name:

Code for Exporting:

Default VAT Group:

Category: Trial Balance
 Planning Level:

Remarks:

☒ Active
☐ Inactive
☐ Advanced

☐ Account Balance Allowed From: To:
☐ Cost Accounting Adjustment Only
☐ Allow Multiple Linking to Financial Templates

☐ Relevant to Budget ☒ Exchange Rate Differences
☒ Permit Other VAT Group ☒ Rate Conversion

Update Cancel

Document Settings

General Per Document E.J. Documents

☒ Calculate Gross Profit
 Base Price Origin: Item Cost
 Default Gross Profit % for Service Documents:

Calculate % Gross Profit as:
☐ Profit/Sales Price
☒ Profit/Base Price

Document Remarks Include:
☒ Base Document Number
☐ BP Reference Number

For a Sales BOM in Documents, Display:
☐ Price and Total for Parent Item Only
☒ Price for Component Items

Validate Account Balance
☒ Without Warning
☐ Warning Only
☐ Block Posting

Response to Release / Receipt of Inventory Outside Defined Range
☐ Without Warning

Feature

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

Benefit

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

Financial Scenario Updates (3/3)



Document Settings

General Per Document EJ Documents

Document: Journal Entry

☒ Block Unbalanced FC Journal Entry

☒ Block Multiple Currency Transactions

☒ Block Editing of Totals in System Currency

☒ Block Posting Date Editing per Row

☒ Block Updating of Doc. Date After Posting per Row

☒ Use Automatic VAT

☐ Block Documents with Earlier Posting Date

☒ Mandatory Remarks

Warning Only

Block Posting

Header Only

Header Only

Rows Only

Rows and Header

G/L Account Details

GL Account: 610000

Account Name: Electricity

Foreign Name:

Code for Exporting:

Default VAT Code:

Category:

Planning Level:

Remarks:

Remark Template: Utilities

Active

From: To:

Remarks:

Inactive

Advanced

Journal Entry

Series: Primary Number: 6540 Posting Date: 07.06.17 Due Date: 07.06.17 Doc. Date: 07.06.17 Remarks: Electricity for month 6

Origin: JE Origin No.: 6540 Trans. No.: 6540 Template Type: Template: Indicator: Project:

Trans. Code: Ref. 1: Ref. 2: Ref. 3:

Blanket Agreement:

Expand Editing Mode

#	G/L Acct/BP ...	G/L Acct/BP Name	Debit	Credit	Remarks	Remark Template	VAT Code	VAT Number	Tax Amount	Gross Value	Base Amount
1	610000	Electricity	GBP 35.00		Electricity for month 6	Utilities					
2	160000	Petty Cash		GBP 35.00	Electricity for month 6						

Feature

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

Benefit

- Enforce best practices and auditability.

Cost Accounting Ledger (1/3)



Document Numbering - Setup

Document	Default Series	First No.	Next No.	Last No.
Incoming Payments	Primary	1	1115	
Deposits	Primary	1	7	
Journal Entries	Primary	1	6512	
Outgoing Payments	Primary			
Goods Receipt	Primary			
Goods Issue	Primary			
Inventory Transfer Request	Primary			

Series - Journal Entries - Setup

#	Name	First No.	Next No.	Last No.	Prefix	Suffix	Remarks	Group	Period Ind.	Lock	Cost Accounting Adjustment Only
1	Primary	1	6512					1	Default	<input type="checkbox"/>	<input type="checkbox"/>
2	Second	1	1					1	Default	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Cost Center Transfer

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

Origin: JE | Origin No.: 1 | Trans. No.: 6512 | Template Type: | Template: | Indicator: | Project: |

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

Blanket Agreement: |

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

Debit: GBP 300.00 | Credit: GBP 300.00

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

Primary Form Item: |

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

OK Cancel ☐ Display in SC Import From Book Cancel Template

Feature

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

Benefit

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

G/L Account Details

G/L Account: 610001
Account Name: Electricity London
Foreign Name: |

☐ Account Balance Allowed From: | To: |

☒ **Cost Accounting Adjustment Only**

☐ Allow Multiple Linking to Financial Templates

☐ Relevant to Budget
☒ Permit Other VAT Group

OK Cancel

Cost Accounting Ledger (2/3)



Distribution Report

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

Cost Center Transfer Expand Collapse

Feature

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

Benefit

- Quicker cost reallocation.
- Increase productivity.

Cost Center Transfer

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

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

Trans. Code: , Ref. 1: , Ref. 2: , Ref. 3:

Blanket Agreement:

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

Debit: GBP 300.00, Credit:

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

Primary Form Item:

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

OK Cancel Display in SC Import From Excel Cancel Template

Cost Accounting Ledger (3/3)



General Settings

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

☒ Use Multidimensions

Display Distribution Rules

☐ In a Unified Column

☒ In Separate Columns

Specify how to post journal entry line without a distribution rule or project when G/L account is set up for cost accounting

Distribution Rule ... Project Code Without Warning

Cost Accounting Adjustment Settings

Default Series Second

Default GL Account 1000001 Cost Accounting Adjustment

OK Cancel

Journal Vouchers

Find ☒ Open Only

Journal Voucher No.	Status	Date	Total (LC)	User

Trans. No.	Status	Total (LC)	Total (FC)	Remarks

Voucher Entry for Cost Accounting Adjustment

Voucher No. 2

Series Second

Number 13.06.17 Due Date 13.06.17 Doc. Date 13.06.17 Remarks

Origin Origin No. Trans. No. Template Type Template Indicator Project

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

Blanket Agreement

Expand Editing Mode

#	G/L Acct/BP ...	G/L Acct/BP Name	Debit	Credit	Rem...	VAT Number	Receipt Number	Primary Form...	Departments	Line of Business	Payment ...	Block Reason
1	1000001	Cost Accounting Adj									N	
1											N	

Feature

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

Benefit

- Journal Vouchers aligned with Journal entry functionality.



GL Account Determination Matrix



Determination Criteria - Stock

#	Determination Criteria	Active
1	Item Group	<input checked="" type="checkbox"/>
2	Item Code	<input checked="" type="checkbox"/>
3	Warehouse Code	<input checked="" type="checkbox"/>
4	Business Partner Group	<input type="checkbox"/>
5	VAT Number	<input type="checkbox"/>
6	Ship-to Country	<input type="checkbox"/>
7	Ship-to State	<input type="checkbox"/>
8	VAT Code	<input type="checkbox"/>
9	BP Code	<input type="checkbox"/>
10	BP Type	<input type="checkbox"/>
11	Items - UDF1	<input checked="" type="checkbox"/>
12	Business Partners - UDF	<input checked="" type="checkbox"/>
13	Marketing documents	<input type="checkbox"/>
14	Marketing documents r	<input type="checkbox"/>
15	UDF5	<input type="checkbox"/>

☐ Apply Ship-to Country/Ship-to State on Purchasing

OK Cancel

Advanced GL Account Determination Rules - Stock

Period: 2017

Find Show All

Priority	Code	Type	Item Group	Item Code	Warehou...	Items - UDF1	Business Partners - UDF2	Description	Active	From Date	To Date	Stock Account	Cost of Goods ...	Allo...
1	R10	General	Items	LB0002	All	All	All		<input checked="" type="checkbox"/>					
2	R8	General	Items	L10001	All	All	All		<input checked="" type="checkbox"/>					
3	R9	General	Items	LB0001	All	All	All		<input checked="" type="checkbox"/>					
4	R11	General	Items	All	04	All	All		<input checked="" type="checkbox"/>			130010	500520	
5	R1	General	Items	All	All	All	All		<input checked="" type="checkbox"/>					
6	R2	General	J.B. Printer	All	All	All	All		<input checked="" type="checkbox"/>					
7	R3	General	Rainbow P	All	All	All	All		<input checked="" type="checkbox"/>					
8	R4	General	Accessories	All	All	All	All		<input checked="" type="checkbox"/>			132000	500025	
9	R5	General	Servers	All	All	All	All		<input checked="" type="checkbox"/>					
10	R6	General	PCs	All	All	All	All		<input checked="" type="checkbox"/>					
11	R7	General	Storage	All	All	All	All		<input checked="" type="checkbox"/>					
12		General	All	All	All	All	All		<input checked="" type="checkbox"/>					

Items - UDF1 dropdown menu:

- All
- Empty
- Filled
- Enter Value

Feature

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

Benefit

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



Integrated Payment Engine



The screenshot shows two overlapping windows from the SAP Integrated Payment Engine. The background window is the 'Payment Wizard' titled 'Payment Run Summary and Printing'. It contains a summary of the payment run (0 payment orders, 1 payments, 0 checks, 1 bank transfers) and a list of documents to print, including Outgoing Payments, Incoming Payments, Non-Included Transactions, Country Summary, Currency Summary, BP Summary, Payment Method Summary, Bank Account Summary, and Payment Summary. A 'Print' button is at the bottom right. The foreground window is the 'Payment Engine' window. It has a 'Select Path' field set to 'C:\temp', radio buttons for 'Test Run' and 'Production Run' (selected), and tabs for 'Protocol', 'Preview', and 'Payment File'. The 'Protocol' tab is active, showing a log of the production run: 'Start Payment Engine', 'Handling outgoing payment...', 'Check payment for bank Barclays', '1 records were found in payment results table (OPEX)', 'No EFM format defined for this payment method: Incoming BT', 'Handling outgoing payment...', and 'Production Run finished successfully.'. At the bottom of the Payment Engine window are 'Create Files', 'Cancel', and 'OK' buttons. Below the Payment Engine window, a 'Step 8 of 8' bar is visible with buttons for 'Bank File' (highlighted with a red box), 'Cancel', '< Back', and 'Finish'.

Feature

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

Benefit

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

Scheduled Batch Processing



Payment Wizard

Save Options
Specify how you want to process the payment wizard results: - Save selection criteria without recommendation report- Save recommendation report for future payment run- Generate payment orders - Generate payments and payment documents

☐ Save Selection Criteria Only
☐ Save Recommendations
☐ Execute Payment Order Run
☐ Execute Payment Run
☒ Execute Payment Run on Server

Scheduled Time: 09.06.17 12:00

System Message
Payment wizard successfully scheduled
OK

Payment Wizard

Payment Run Selection
To create a payment run, select "Start New Payment Run". To view the selection criteria/recommendation report of a payment run, select "View Executed Payment Runs".

☐ Start New Payment Run
☒ Load Saved Payment Run
☐ View Executed Payment Runs

Find

#	Payment Run Name	Date	Total	No. of Payments	Status
1	Wiz20170608n1	08.06.17	23,955.76	0	Scheduled

Feature

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

Benefit

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

Electronic File Layout Templates



File Edit View Data Go To Modules Tools Window Help

Document Journal

Seq. No.	Trans. No.	Posting Date	Series	Doc. No.	G/L Acct/BP Code	G/L Acct/BP Name	Debit/Credit (...)	Remarks
1	2197	25.07.16	Primary	IN 357				A/R Invoices
		25.07.16			C20000	Maxi-Teq	GBP 11,715.00	A/R Invoices
		25.07.16			207000	VAT Payable (output Tax)	GBP (1,715.00)	A/R Invoices
		25.07.16			400000	Sales Revenue (Domestic) - F	GBP (10,000.00)	A/R Invoices
2	2318	11.08.16	Primary	SI 136				Goods Receipt
		11.08.16			500500	Stock Difference Gains	GBP (1,165.00)	Goods Receipt
		11.08.16			130000	Raw Materials	GBP 1,165.00	Goods Receipt
3	2343	25.08.16	Primary					
4	2359	25.08.16	Primary					
5	2360	25.08.16	Primary					

EFM Report Form : [Document Journal into TXT]

Output File Name
C:\Users\Administrator\AppData\Local\Temp\Output.txt

Result File

Error / Message Log

#	Severity	Message
0	Info	EFM file loaded
1	Info	Analyzing file structure
2	Info	Loading Crystal form EFM package
3	Info	Handling Crystal from [CR_StatementOfCashFlows] started
4	Info	Executing get B1_CR_XmlDataSource
5	Info	Exporting xml from Crystal
6	Info	Exporting EFM file
7	Info	Exporting EFM file finished successfully
8	Info	Open result file by pressing Result Button or see the Log file by pressing Log Button

OK

Output.txt - Notepad

```
File Edit Format View Help
||CashflowausbetrieblichenTätigkeiten||0,00|0,00|
|EinzahlungenvonKunden(+)||0,00|0,00|
|ZahlungenvonKundenfürRechnungen|1|-200,00|0,00|
|AnzahlungenvonKunden|2|0,00|-500,00|
|EinkaufsgutschriftenvonLieferanten|3|-9.000,00|
|AuszahlungenanLieferanten(-)||0,00|0,00|
|ZahlungenfürRechnungenanLieferanten|4|-59.500,00|
|AnzahlungenanLieferanten|5|0,00|0,00|
|VerkaufsgutschriftenanKunden|6|0,00|0,00|
|AuszahlungenfürMiete/Strom/Telefon(-)||0,00|0,00|
|AuszahlungenfürMiete|7|0,00|0,00|
|AuszahlungenfürStrom|8|0,00|0,00|
|AuszahlungenfürTelefon|9|0,00|0,00|
|AuszahlungenanBeschäftigte(-)||0,00|0,00|
|ZahlungenanBeschäftigte, z.B. Löhne|10|0,00|0,00|
|AnderebetrieblicheZahlungen(+/-)||0,00|0,00|
|AnderebetrieblicheZahlungen|11|0,00|0,00|
|AuslaufenderGeschäftstätigkeitenwirtschafteteZahlungen|12|0,00|0,00|
|AbzüglichgezahlterSteuern(-)||-68.800,00|-1.800,00|
|GezahlteKörperschaftsteuer|12|0,00|-700,00|
|GezahlteUmsatzsteuer|13|-100,00|0,00|
|AbzüglichgezahlterZinsen(-)||-68.800,00|-1.800,00|
```

Feature

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

Benefit

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



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



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

A/R Invoice

Customer: **C99999** (One Time Customer)
No.: **Primary** 1306
Status: **Open**
Posting Date: 29.11.17
Due Date: 29.11.17
Document Date: 29.11.17
BP Currency: **GBP**

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

Sales Employee: **Sales Manager**
Owner: **Sales Manager**

☐ Payment Order Run

Remarks:

Total Before Discount: **0.00**
Discount: **0.00**
Total Down Payment: **0.00**
Freight: **0.00**
Rounding: **0.00**
Tax: **0.00**
Total: **0.00**
Applied Amount: **0.00**
Balance Due: **0.00**

Payment Means

Currency: **GBP**

☐ Check ☐ Bank Transfer ☐ Credit Card ☐ Cash

G/L Account:
Transfer Date:
Reference:

Total: **0.00**

Overall Amount: **0.00** Discount %: **0.00**

Balance Due: **0.00**

OK Cancel Paid

Feature

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

Benefit

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

PL01



Enable Down Payments from Orders using Payment Means

The screenshot shows the SAP Sales Order interface. The 'Sales Order' tab is selected. The 'Payment Means' dialog box is open, showing the following details:

- Customer:** C20000
- Name:** Maxi-Tea
- No.:** Primary
- Status:** Open
- Currency:** GBP
- G/L Account:** 160000
- Primary Form Item:** Payments for Invoices from Customers
- Overall Amount:** GBP 5,915.70
- Balance Due:** GBP 5,915.70
- Discount %:** 0.00

The 'Down Payment Request' button is highlighted with a red box.

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

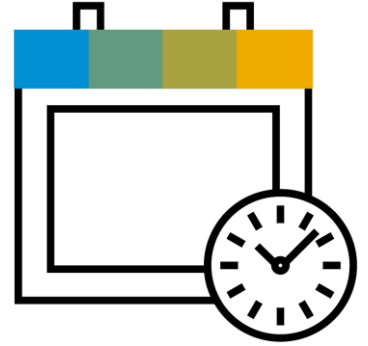
Financial Management



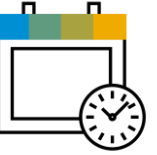
Feature	Description	Localization
IFRS Revenue Recognition Enhancements	In addition to Blanket Agreement (BA) enhancements, following features also help fulfil the new IFRS 15 Standard: Revenue from contracts with customers: <ul style="list-style-type: none">- Currency handling on BA- Approval procedures for BA	All
Manage Change Log for Block Negative Inventory By	Support viewing history of changes made to the setting: Block Negative Inventory By. The fields BlockZero and NegStoLv in table CINP are moved to table OADM.	All

Project Management

SAP Business One 9.3



Project Management (1/3)



Project - Servers & Printer Installation

Project Type: ☒ External ☐ Internal

BP Code: C23900

BP Name: Parameter Technology

Contact Person: Daniel Brown

Territory:

Sales Employee: Brad Thompson

Owner:

☒ Project with Subprojects

Risk Level: Medium

Industry:

Comments: This project is to install 2 new servers and 1 new printer for customer Parameter. This project will be phased out in 3 subprojects.

Subprojects

Subprojects
1 Phase 1 - Server 1 Installation
2 Phase 2 - Server 2 Installation
3 Phase 3 - Printer Installation

Context Menu:

- Cancel
- Sort Table
- General Ledger
- Transaction Report by Projects
- Document Journal
- Trial Balance
- Profit and Loss Statement
- Project Overview**
- Time Sheet Report

Project Overview

Select Level: 2

Project / Subproject	Stage	Task	Description	Work Order	Reso...	Activity	Start Date	Due Date	Progress (%)
▼ Servers & Printer Installation							01.07.16	05.10.16	4.000000
	Conception/Initiation	Meeting	Project Launch				01.07.16	05.07.16	0.0
	Finishing Stage	Project	Project Close				05.10.16	05.10.16	0.0
▼ Phase 1 - Server 1 Installation							05.07.16	30.07.16	10.000000
	Definition/Planning	Planning	Planning				05.07.16	10.07.16	100.000000
	Performance and co	Installati	Installation				11.07.16	15.07.16	0.0
	Performance and co	Monitori	Monitoring				15.07.16	28.07.16	0.0
	Finishing Stage	Project	End of P						
▼ Phase 2 - Server 2 Installation									
	Definition/Planning	Planning	Planning						
	Performance and co	Installati	Installation						
	Performance and co	Monitori	Monitoring						
	Finishing Stage	Project	End of P						

Time Sheet Report

Project No.: 2

Subproject No.:

Stage:

Project Name:

Subproject Name:

Description:

Time Recording

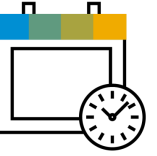
#	Subpr...	Subproject Name	Stage	User/Employee	Date	St

OK Cancel

Feature

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

Project Management (2/3)



Billing Document Generation Wizard

Initial Wizard Configuration
Please select the Target Document, Customer and other

Target Document:

Target Doc. Type:

Target Doc. Series:

Customer:

Financial Project:

Project No.:

Subproject No.:

Stage:

Source Types

☒ Include open AP Documents ☒ Include closed Work Orders

☒ Include open AR Documents ☒ Include Recorded Times

☒ Sales Quotations (0) ☒ Include Project Activities

☐ Sales Orders (0)

☐ Res. Invoice (0)

Posting Date: From To

Delivery Date: From To

Step 1 of 3

Cancel Back Next Finish

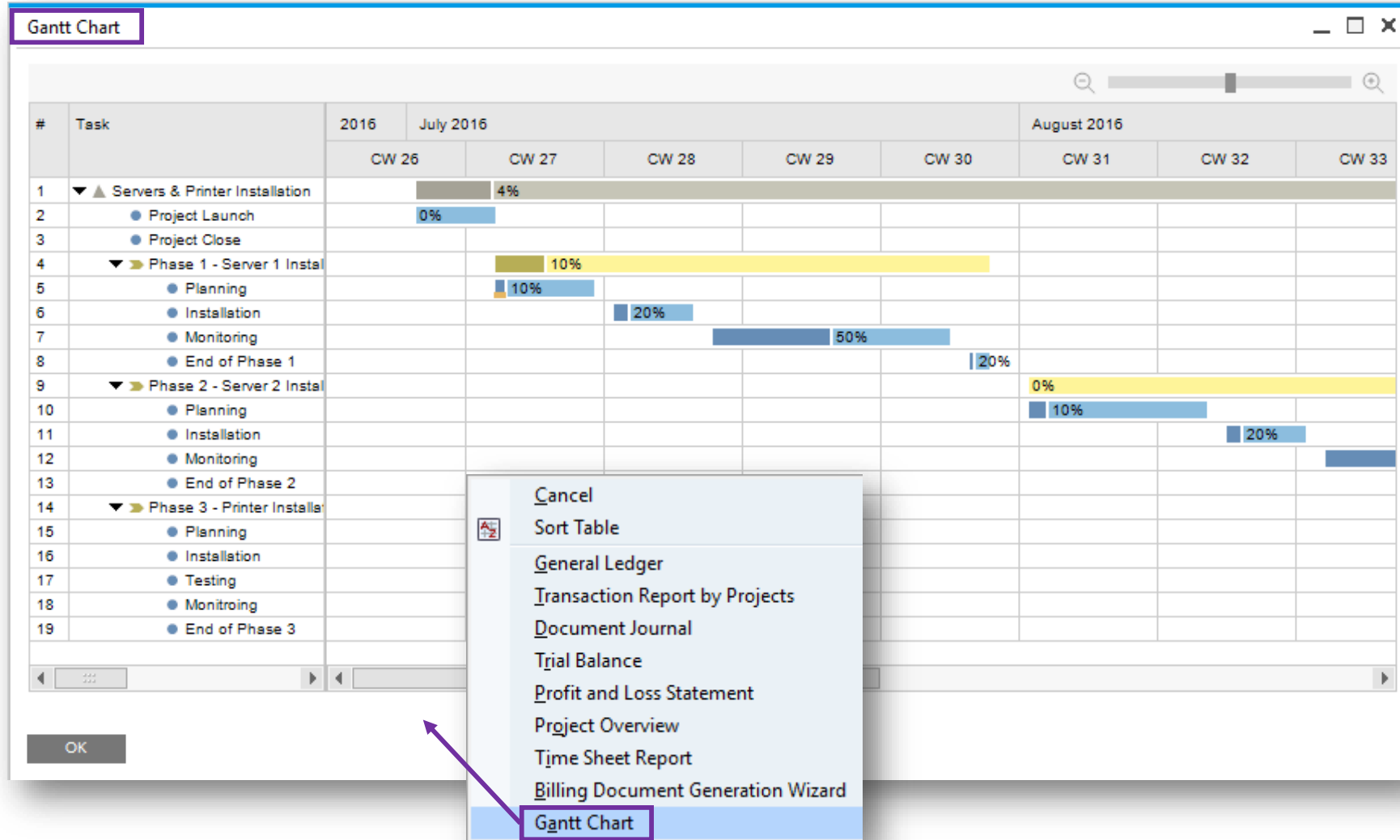
Feature

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

Benefit

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

Project Management (3/3)



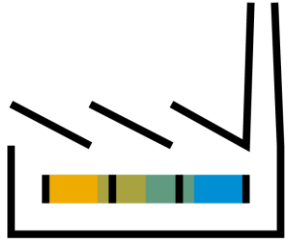
Feature

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

Benefit

- More transparency, increased productivity, and enhanced usability.





Production

SAP Business One 9.3



Resource Capacity



Resource Master Data

Resource No. Manual R300004 Bar Code

Description Testing Machine

Foreign Name

Resource Type Machine

Resource Group Resources

Unit of Measure Text

Time per Resource Units 0:00:01 Res. Units per Time Period 1

General Capacity Data Planning Data Fixed Assets Properties Attachments Remarks

Daily Capacity Factors

	1	2	3	4	Daily Capacity	Single Run Capacity	Remarks
Standard Daily Capacity	1	2	3	4			
Monday	3.000	4.000	8.000		96.000	24.000	2 Machines
Tuesday	3.000	4.000	8.000		96.000	24.000	2 Machines
Wednesday	3.000	4.000	8.000		96.000	24.000	2 Machines
Thursday	3.000	4.000	8.000		96.000	24.000	2 Machines
Friday	3.000	4.000	8.000		96.000	24.000	2 Machines
Saturday							

Relevant to Single Run Capacity Yes No Yes Yes

Resource Capacity

Capacity Type All

Capacity Period From 13.07.17 To

Warehouse Code From To

Resource No. From To R300007

Resource Group From To

Resource Type Available

Single Run Capacity

Resource Properties

#	Resource No.	Resource Desc...	Whse	Type	Total	13.06	14.06	15.06	16.06	17.06	18.06	19.06	20.06
1	R300004	Testing Machine	01	Available	2,208	96	96	96	96			96	
2				Internal	2,208	96	96	96	96			96	
3				Ordered									
4				Committed									
5				Consumed									
6				Single Run Capa	552	24	24	24	24			24	
7	R300004	Testing Machine	02	Available	2,208	96	96	96	96			96	
8				Internal	2,208	96	96	96	96			96	
9				Ordered									
10				Committed									
11				Consumed									
Total					11,040	480	480	480	480			480	

Feature

- Supports Single Run Capacity which is the available daily capacity of a single resource unit, assuming a Production Order can only be produced on one resource unit at a time.
- Ability to calculate Single Run Capacity by including and/or excluding Daily Capacity Factors.
- Ability to set daily capacity basis using 'Set Internal Capacity to Single Run Capacity' which will allocate a default budgeted capacity of hours per day.
- Resource Capacity window will highlight the maximum daily single run capacity available.

Benefit

- Ability to differentiate between Daily Capacity and Single Run Capacity by including and/or excluding Daily Capacity Factors.
- Supports production orders that are only able to be produced on a single machine.
- Reflects the number of capacity resources a production order can consume on each working day.

Production Routing



Production Order

Type: Standard
 Status: Released
 Product No.: P10001
 Product Description: PC - P4 2.4G, DDR 512M, 400G HD
 Planned Quantity: 1
 Warehouse: 01
 Priority: 100

Routing Date Calculation: On Start Date
 On Start Date
 On End Date
 Start Date Forwards
 End Date Backwards

Route Stages - Setup

#	Code	Description
1	Stage 1	Stage 1
2	Stage 2	Stage 2
3		

Issue Components - Selection Criteria

Route Sequence:
 Route Stage:
 Stage Status:
 Type: Item and Resource
 Item: From: To:
 Resource: From: To:
 Warehouse: From: To:
☒ Open Quantity of Components
☐ Quantity of Parent Items: 1.000 ☒ Include Additional Quantity

Production Order Line Item Table

#	Type	No.	Description	Warehouse	Issue Me...	Start Date	End Date	Resource Allo...	Route Sequence
7	Item	C00007	Hard Disk Seagate 4	01	Backflush	18.12.17	18.12.17		1
8	Item	C00008	Monitor 19" TFT	01	Backflush	18.12.17	18.12.17		1
9	Item	C00009	Keyboard Comfort U	01	Backflush	18.12.17	18.12.17		1
10	Item	C00010	Mouse USB	01	Backflush	18.12.17	18.12.17		1
11	Item	C00011	Memory DDR RAM 5	01	Manual	18.12.17	18.12.17		1
12	Item	L10001	Labour	01	Backflush	18.12.17	18.12.17		1
13	Resource	R300005	Assembly Machine	01	Manual	18.12.17	18.12.17	On Start Date	1
14	Route Star	QUALITY	Final Quality Check			18.12.17	18.12.17		2
15	Resource	R300006	Senior Technician	01	Manual	18.12.17	18.12.17	On Start Date	2

Remarks:

Update Cancel

Feature

- New routing function facilitates production processing through a defined sequence of production stages.
- A new *Routing Stage – Setup* window allows you to define Route Stages.
- Multiple routing stages are added into Production Order structures.
- Allows you to define the route sequence of any combination of Production Order line types.
- New *Priority* field allows you to manually enter a priority of the Production Order. The lower the number, the more important the Production Order.
- An ability to control stage start and end dates with a new *Routing Date Calculation* field to choose *On Start Date*, *On End Date*, *Start Date Forwards* or *End Date Backwards*. This can automatically calculate date dependences between route stages in the Production Order.
- The *Issue Components* window allows you to filter which manual Production Order component lines will be passed into the drawn document.

Production Routing & Bill of Materials



Bill of Materials

Product No. X Quantity

Product Description

BOM Type

Production Std Cost

Planned Average Production Size

Warehouse

Price List

Distr. Rule

Project

#	Type	No.	Description	Quantity	Issue Method	Total	Route Sequence
1	Route Stage	ASSEMBLY	Assembling	0			1
2	Item	P10002	PC - P4 2.4G, DDR 1024M, 400G HD	1	Backflush	GBP 700.00	1
3	Item	A00004	Rainbow ColorJet 5	1	Backflush	GBP 250.00	1
4	Item	L10001	Labour	1	Backflush	GBP 5.00	1
5	Resource	R300007	Junior Technician	1	Backflush	GBP 150.00	1
6	Route Stage	QUALITY	Final Quality Check	0			2
7	Resource	R300006	Senior Technician	1	Backflush	GBP 200.00	2
8	Item						2

Feature

- Bill of Materials form has been redesigned to improve usability and support routing stages and sequencing.
- Multiple routing stages are added into Bill of Material structures.
- Allows you to define a route sequence of any combination of BOM line types.
- Change the order of and entire stage as a group.
- Add UDF's to the new row Type - Route Stage
- New columns on Bill of Materials Report – Route Sequence, Route Stage and Route Stage Description showing related stage information valid at the time of transaction.

Bill of Materials Report

Item	Item Description	UoM	Quantity	Whse	Price	Depth	BOM Type	Route Sequence	Route Stage	Stage Description
LM4029	LeMon 4029 Printer	Eac	1	01	GBP 250.00	1	Production			
LM4029PS	LeMon 4029 Printer Power Supply		1	01	GBP 12.00	1	Production			
MRP_BOM	MRP_BOM		1	01	GBP 25.00	1	Production			
MRP_Child1	MRP_Child1		1	01	GBP 5.00	1	Production			
P10001	PC - P4 2.4G, DDR 512M, 400G HD		1	01	GBP 730.00	1	Production			
P10002	PC - P4 2.4G, DDR 1024M, 400G HD		1	01	GBP 700.00	1	Production			
P10003	PC Set 1		1	01	GBP 885.00	1	Production			
P10004	PC Set 2		1	01	GBP 955.00	1	Production			
P20001	4GB Memory Server		1	01	GBP 700.00	1	Production			
P20002	32GB Memory Server		1	01	GBP 1,750.00	1	Production			
P20003	External HD		1	01	GBP 55.00	1	Production			
S10000	Server Point 10000		1	01	GBP 935.00	1	Production			

Pick & Pack Production Manager



Pick Pack and Production Manager

Open Released Picked

Find Document Number

#	ate	Type	Number	Description	Items per Unit	Whse	Open	To Release	Avail. to Release	Fulfillment%	Document Date	Start Date	Product No.	Route Sequence	Route Stage	Route Stage Description	Production Priority
1	Item	Child1	Child1		1	01	1,000	1,000	9,580	100	11.06.17	11.06.17	Parent	1	STAGE 1	STAGE 1	100
2	Item	Child2	Child2		1	01	1,500	1,500	9,250	100	11.06.17	11.06.17	Parent	1	STAGE 1	STAGE 1	100
3	Resource	Resource1	Resource1		1	01	100	100			11.06.17	12.06.17	Parent	1	STAGE 1	STAGE 1	100
4	Resource	Resource2	Resource2		1	01	100	100			11.06.17	12.06.17	Parent	1	STAGE 1	STAGE 1	100
5	Item	Child3	Child3		1	01	2,000	2,000	9,600	100	11.06.17	16.06.17	Parent	2	STAGE 2	STAGE 2	100
6	Item	Child4	Child4		1	01	2,500	2,500	9,500	100	11.06.17	16.06.17	Parent	2	STAGE 2	STAGE 2	100
7	Resource	Resource1	Resource1		1	01	100	100			11.06.17	16.06.17	Parent	2	STAGE 2	STAGE 2	100
8	Resource	Resource2	Resource2		1	01	100	100			11.06.17	16.06.17	Parent	2	STAGE 2	STAGE 2	100
9	Item	Child1	Child1		1	01	100	100	8,580	100	11.06.17	16.06.17	Parent	1	STAGE 1	STAGE 1	100
10	Resource	Resource2	Resource2		1	01	150	150			11.06.17	16.06.17	Parent	1	STAGE 1	STAGE 1	100
11	Item	Child3	Child3		1	01	200	200	7,600	100	11.06.17	26.06.17	Parent	2	STAGE 2	STAGE 2	100
12	Item	Child4	Child4		1	01	250	250									100
13	Resource	Resource3	Resource3		1	01	200	200									100
14	Resource	Resource4	Resource4		1	01	250	250									100
15	Item	Child3	Child3		1	01	400	400									100
16	Item	Child4	Child4		1	01	500	500									100
17	Resource	Resource3	Resource3		1	01	400	400									100
18	Resource	Resource4	Resource4		1	01	500	500									100

Pick Pack and Production Manager - Selection Criteria

Status: Open Group By: None

Manage: ☐ Sales Orders ☒ Production Orders ☐ Reserve Invoices ☐ Inventory Transfer Requests

Production Order No. Start Date Delivery/Due Date Priority Type Item Resource Route Stage Route Sequence Production Order Status Customer Fulfillment %

From To

Warehouses

Location	Whse Code	Whse Name
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	04	Consignment
<input checked="" type="checkbox"/>	05	Bin Warehouse
<input checked="" type="checkbox"/>	01	General Warehouse

Sort By: Delivery/Due Date

OK Cancel

Feature

- The Pick & Pack Manager has been renamed to Pick Pack and Production Manager.
- New fields to the Open, Released and Picked Drawers make it usable as a simple Production Manager console, such as Route Stage, Route Sequence, Product No. and Production Priority.
- Filter your selection criteria by a number of Production Order attributes such as Start Date, Route Stage, Route Sequence and Production Priority.

Benefit

- Ability to plan, execute and manage basic route based production.
- A significant enhancement for all businesses with a light production requirement.
- Enables greater control over production-related item and resource component management.
- Provides an estimated understanding of when component demand may be required.



Production Order

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

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

Components **Summary**

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

Costs

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

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:

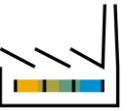
Update Cancel

Feature

- The existing *Run Time* column is renamed to *Production Time*.
- The existing *Total Time* column is renamed to *Run Time*.
- On the Summary tab, the *Total Time* field is renamed to *Total Run Time*.
- On the Summary tab, the *Total Run Time* field is renamed to *Total Production Time*.
- Production Time*, *Additional Time* and *Run Time* on the Route Stage line are estimated according to the Resource with the longest Run Time of all Resource lines belonging to the stage.
- The Resource that takes most of the time determines the route stage duration.
- New selection criteria options added to the right-click operations of Production Order:
 - Transfer Request
 - Component Transfer
 - Generate Pick List

Production Routing

PL02



Production Order

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

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

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

Update

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

Production Routing

PL02



Production Order

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

Components **Summary**

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

Production Order

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

Yes No

Feature

- A routed Production Order with the *Routing Date Calculation* set to *Start Date Forwards* or *Due Date Backwards*, provides a new right click option to *Recalculation Route Stage Dates*.
- A Yes/No message is displayed. If Yes is selected, the algorithm will only ripple forward or backwards from this line depending on the *Routing Date Calculation* setting.

Production Routing

PL02



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

Components Summary

#	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

Remarks

Pick and Pack

OK Cancel

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

Feature

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

Benefit

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

Bill of Material Component Management

PL02



Bill of Materials - Component Management - Selection Criteria

Management Task: **Change BOM Header**

Select BOMs

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

Specify Properties for BOM Header to Be Changed

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

From: To:
From: To:
From: To:

10.000
0.000

☒ Update Rows

OK Cancel

Bill of Materials - Component Management - Change Header Preview

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

OK Cancel

☒ Update Rows

Feature

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

Bill of Material Component Management

PL02



Bill of Materials - Component Management - Selection Criteria

Management Task: **Change BOM Lines**

Select BOMs

BOM Product No. To

BOM Item Group To

BOM Type

BOM Warehouse No. From To

BOM Distr. Rule From To

BOM Project From To

Routed: ☒ Yes ☐ No

Route Sequence From To

Route Stage From To

Select BOM Lines

Item

Resource

Text

Route Stage

Change Additional Quantity ☐

Change Warehouse ☐

Change Issue Method ☐

Change WIP Account ☐

Change Route Sequence ☒

Change Route Stage ☒

Change Price List ☒

Change Distr. Rule ☒

Change Project ☒

Lines to Be Changed

Component

Components per Existing Components

1.000

0.000

1

Quality

Last Purchase Price

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.

Variance Report for Production Orders

PL02



Production Order

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

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

Components Summary

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

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

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

Dates
Due Date:
Actual Date:
Overdue:

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.



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

Pick Pack and Production Manager - Selection Criteria

Selection Criteria Name: [Advanced]

Status: Open

Manage: ☒ Sales Orders ☒ Production Orders

From: []

Sales Order No. []

Posting Date []

Required Date []

Delivery/Due Date []

Customer []

Fulfillment %: 0.00 to 100.00

Item []

Pick Pack and Production Manager - Selection Criteria

Selection Criteria Name: Advanced

Status: Open Group By: None

Manage: ☐ Sales Orders ☒ Production Orders ☐ Reserve Invoices ☐ Inventory Transfer Requests

From: [] To: []

Production Order No. []

Production Order Status []

Delivery/Due Date []

Issue Method: [Manual, Backflush]



Inventory | Distribution

SAP Business One 9.3



Unit of Measure (UoM)



Item Master Data

Item No. Manual B10010
Description Printer Label version 93
Foreign Name
Item Type Items
Item Group Items
UoM Group Paper
Price List Regular Sales Price

Inventory Item
Sales Item
Purchase Item

Bar Code
Unit Price Primary Curr GBP 7.50 Pack
Pricing Unit Pack

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

Preferred Vendor J50000
Mfr Catalog No.
Purchasing UoM Code Carton
Purchasing UoM Name Carton
Items per Purchase Unit 24

General Purchasing Data Sales Data Inventory Data

Tax Group UK Std rate 20% 20

Sales UoM Code 6Pack
Sales UoM Name 6 Pack
Items per Sales Unit 6
Package Type Box
Quantity per Package 4

General Purchasing Data Sales Data Inventory Data

Set Inv. Method By Warehouse
UoM Code Pack
UoM Name Pack
Weight
Inventory Counting UoM Code
Inventory Counting UoM Name
Items per Counting Unit 1

Delivery

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

No. Primary 1345
Status Open
Posting Date 02.05.17
Delivery Date 02.05.17
Document Date 02.05.17

Contents Logistics Accounting Attachments

#	Item No.	Item Description	Quantity	Qty(Inventory UoM)	Inventory UoM	No. of Packages	Unit Price	Disc...	Tax ...	Total (LC)
1	B10010	Printer Label ver	3	18	No	1	GBP 45.00	0.00	O1	GBP 135.00

Batch Number Selection

Rows from Documents

#	Item No.	Item Description	Whse C...	Quantity	Total Needed	Total Selected	Total Batches	Direction
1	B10010	Printer Label v	01	3		3	1	Out

Available Batches

Find

#	Batch	Availabl...	Select...	Allocate...
1	BAT01	1		

Selected Batches

#	Batch	Selected Qty
1	BAT01	3

Display Available Batches All

Update Cancel Auto Select

Feature

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

Benefit

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

Global setting to control “Display Batch Quantities By”

PL01



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.

The image shows two screenshots of the SAP system. The top screenshot displays the 'General Settings' window, specifically the 'Inventory' tab. Under 'Display Batch Quantities By', the 'Document Row UoM' is selected. The bottom screenshot shows the 'Batch Number Selection' window. The 'Quantity' column in the 'Rows from Documents' table is highlighted, showing a value of 4. The 'Available Batches' table below shows the 'Availabl...' column with a value of 8.333. A red box highlights the 'Quantity' column in the 'Rows from Documents' table, and a red box highlights the 'Availabl...' column in the 'Available Batches' table. Arrows indicate the flow of data from the 'Quantity' column to the 'Availabl...' column.

General Settings - Inventory Tab

Item	Planning	Reporting
Serial Numbers and Batches	Management Method: On Every Transaction	Display Inactive: <input checked="" type="checkbox"/> Reports, <input checked="" type="checkbox"/> Marketing D
Issue Primarily By	Serial and Batch Numbers	
Unique Serial Numbers by	Serial Number	
Display Batch Quantities By	Document Row UoM	

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

Batch Number Selection - 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		



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 112233 Pack
 Unit Price Primary Curr GBP 6.90 Pack
 Pricing Unit Pack

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

Feature

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

Benefit

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

Bar Codes

Item No. B10000
 Item Description Printer Label

Setup
 UoM Group Paper
 UoM
 6Pack
 Carton
 Each
Pack
 Pallet
 SmlPack

Bar Code

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

Set as Default

OK Cancel

Bar Code List

List of Bar Codes

Find

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



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



Business Intelligence

SAP Business One 9.3



Analytical Portal (1/2)



SBODEMOGB

All Reports

Favourite Reports

Report Scheduling

All Reports

Search

Purchasing

Expand All

Multi-Document Scenarios

Single Document Transactions

Customer Relationship Management

Expand All

Sales Opportunities Report

Stock

Expand All

Inventory by Item Group per Warehouse

Stock Valuation Method Report

Sales

Expand All

Multi-Document Scenarios

Single Document Transactions

Annual Sales Analysis (by Quarter)

Monthly Customer Status

Financials

Expand All

Budget and Cost Accounting

Financial Accounting

Management Accounting

SBODEMOGB

Report Scheduling

manager

All Reports

Favourite Reports

Report Scheduling

No filters selected

Search

Scheduled Task

Report Name

Category

Type

Creation Time

Action

Monthly Customer Status

Monthly Customer Status

Sales

Crystal

2017-07-14 13:27:53

Purchase Analysis

Purchase Analysis Report

Purchasing

Excel

2017-07-14 13:27:05

Opportunity Report

Sales Opportunities Report

Customer Relationship Man...

Excel

2017-07-14 13:25:28

Sales Analysis

Annual Sales Analysis (by Q...

Sales

Crystal

2017-07-14 13:08:25

Feature

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

Analytical Portal (2/2)



The screenshot displays the SAP Analytical Portal interface. The top navigation bar shows 'SBODEMOGB' and 'Favourite Reports' (highlighted with a red box). Below this, the 'Favourite Reports' section is visible, showing two reports: 'Annual Sales Analysis (by Quarter)' and 'Sales Opportunities Report'. The 'Sales Opportunities Report' is selected, and its configuration page is shown. This page includes 'Report Parameters' (Format: PDF, Excel, HTML), 'Frequency and Time Range' (Trigger Task Every: 1 Weeks, Start Time: 2017-07-14 13:29:41, End Time: 2017-12-31 12:29:47), 'Keep History For' (last 20 records), and 'Send Result by Email' (Email To, Cc). The 'Report Running History' section is also shown, displaying a table of report runs.

Report Name	Scheduled Task	Type	Run Time	Status	Parameter	Remarks	Action
Annual Sales Analysis (by Quarter)	Sales Analysis	Crystal	2017-07-14 1...	Success	Document Ty...	Generate rep...	Download, Delete
Annual Sales Analysis (by Quarter)		Crystal	2017-07-14 1...	Success	Document Ty...		Download, Delete

Feature

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

Benefit

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



New Cockpit Templates 1/2



The screenshot displays the SAP Cockpit interface. At the top, a welcome message reads: "Welcome, Jayson Butler. You are in cockpit of OEC Computers UK." Below this, a "Sales Process" diagram is shown, illustrating a flow from "Sales Quotation" to "Sales Order", "Delivery", "Return", "A/R DP Invoice", "A/R Invoice", "A/R Credit Memo", "Incoming Payments", "Dunning Wizard", "Customer", and "Sales Reports".

Overlaid on the right is a "Select Templates" dialog box. It contains a list of templates with checkboxes and their visibility status:

Select Templates	
<input type="checkbox"/> Finance	Public
<input checked="" type="checkbox"/> Sales	Public
<input type="checkbox"/> Purchase	Public
<input type="checkbox"/> Inventory	Public
<input type="checkbox"/> My Sales Cockpit	Public
<input type="checkbox"/> Start Cockpit	Private

At the bottom of the dialog are "OK" and "Cancel" buttons.

Below the main screenshot, a smaller image shows a close-up of the "Update My Cockpit" and "Save As Template" buttons, which are highlighted with a red box.

Feature

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

Benefit

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

New Cockpit Templates 2/2



Cockpit Management - Setup

#	Name	Description	Create Date	Published By	Publication Date	Provider
1	Finance			SYSTEM		SAP
2	Sales			SYSTEM		SAP
3	Purchase			SYSTEM		SAP
4	Inventory			SYSTEM		SAP
6	My Sales Cock		05.07.17	manager	05.07.17	IT
11	Start Cockpit		19.07.17			
13						

OK Cancel

Publish

User Groups

Create Group

Name: Sales

Select Type: Authorization

Description: Sales

Group Type: Authorization

Active From: To:

Cockpit Template: Sales

Users

#	User Code	From	To
1	Kora		
2	Vicky		
3	brad		
4	john		
5	alex		
6			

OK Cancel

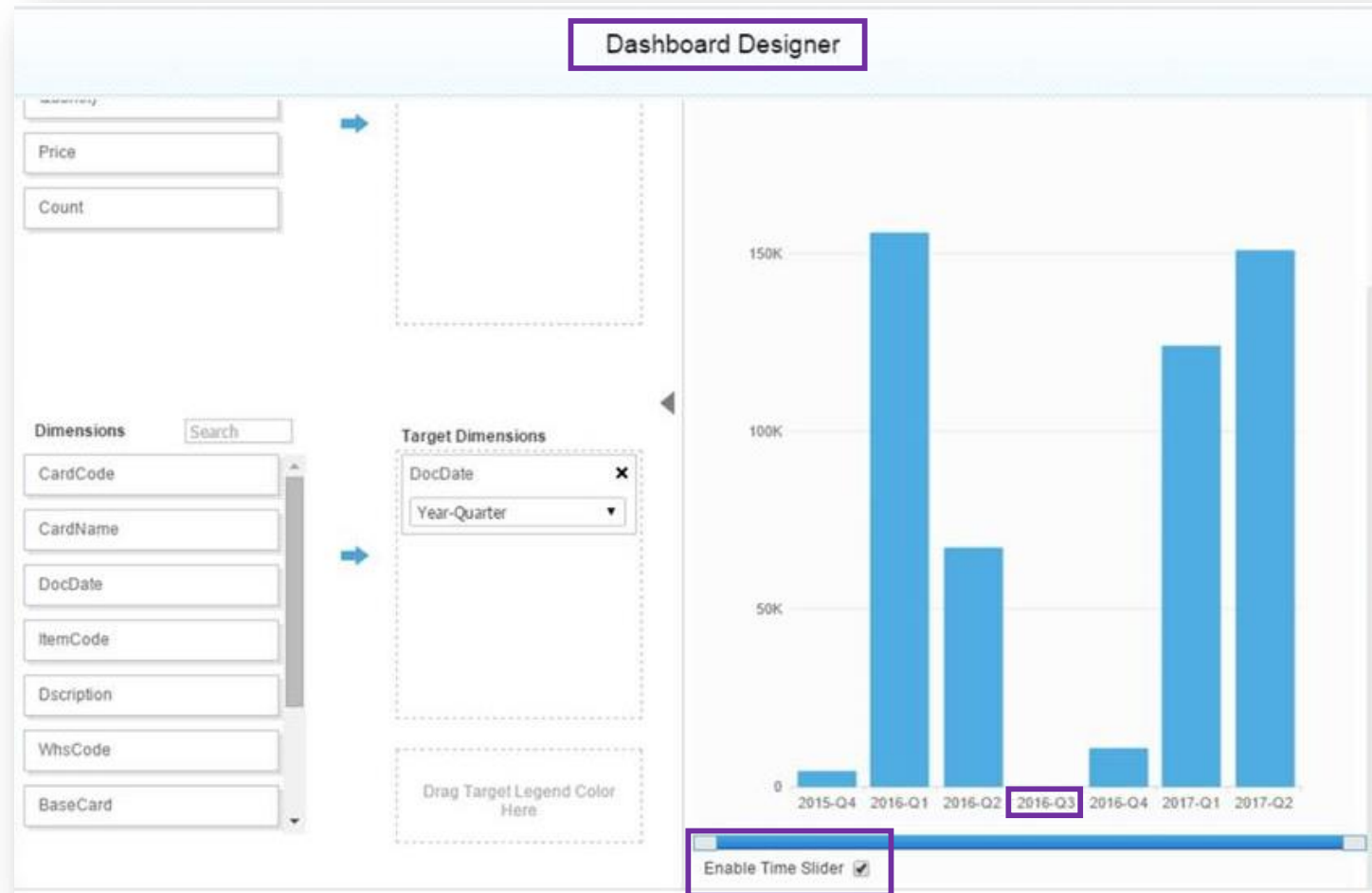
Feature

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

Benefit

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

Pervasive Analytics Dashboard Designer

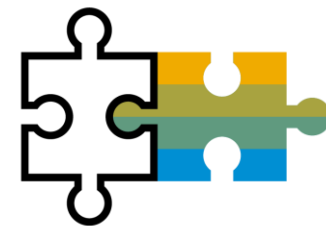


Feature

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

Benefit

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



Platform | Extensibility

SAP Business One 9.3



Web-based Workflow Management



SAP Business One Workflow Manager Welcome, B1SiteUser [System Landscape Directory](#) [Help](#)

Workflow Settings | Template Assignments | Template Activations SAP Business One Server: dewdfth12415:30015

Workflow Service

[Restart](#)

Status: Running

Workflow Companies (13)

[Set Password](#)

Activate	Database Name	Company Name	Database Type	Version	User Name	Data Access	Detailed Information
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	
<input type="checkbox"/>					Workflow	Password Not Set	

Set Password

Database Name:

Company Name:

Database Type:

Version:

User Name:

User Password:

[Update](#) [Cancel](#)

Workflow Configurations

[Save](#)

Log Type: ☐ Information ☐ Debug ☒ Error ☐ Warning

Log File Size: MBs

Conditional Event Start Interval: Minutes

Feature

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

Benefit

- Unified and centralized configuration in the System Landscape Directory.

Company Specific Mailer Configuration



General Settings

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

At the Beginning of Each Session

- ☐ Perform Data Check
- ☐ Open Exchange Rates Table
- ☐ Display Recurring Postings on Execution
- ☐ Display Recurring Transactions on Execution
- ☐ Send Alert for Activities Scheduled for Today
- ☒ Display Inbox When New Message Arrives
- ☐ Open Window for Credit Voucher Ref. Update
- ☐ Open Postdated Checks Window
- ☒ Display Worklist When New Task Arrives

Internet Definitions

- ☐ Use Proxy Server for Web Connection
- ☐ Enable Case Sensitive Search
- ☒ Enable Transaction Notification
- ☐ Enable Live Collaboration

Integration Framework Connection Timeout (Seconds) 30

Default E-Mail Method

- ☒ SAP Business One Mailer
- ☐ Outlook E-Mail

Telephone No.

Area Code

For External Line

Map Service Google Map

History / Log 99

Update Messages (Min.) 5

Screen Locking Time (Min.) 30

Open Postdated Credit Vouchers Window No

Alternative Keyboard Usage

- ☐ Use Numeric Keypad ENTER Key as TAB Key
- ☐ Use Numeric Keypad DOT Key as Separator on Display Tab
- ☐ Enable Document Operations by Mouse Only (Such as Add, Update, OK)

Enable Company Specific Mailer Configuration

- ☒ Enable Company Specific Mailer Configuration
- SMTP Server mail.oec.co.uk
- SMTP Port 25
- Authentication Plain Password
- User Name mail@oec.co.uk
- Password ****
- Encoding English (UK)
- ☐ Use TLS Encryption
- ☐ HTML Direction Right to Left
- ☐ Include Subject in Message Body

Update Cancel

Feature

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

Benefit

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

Query Manager UI Enhancements



The screenshot shows a 'Query Manager' window with the following elements:

- Query Name:** A text input field containing the text 'credit'.
- Query Category:** A dropdown menu currently showing 'System'.
- Manage Categories:** A button located to the right of the 'Query Category' dropdown.
- Query List:** A list of query categories with expandable sections:
 - ▼ System
 - Credit Limit Deviation
 - Customers Credit Limit Deviation
 - ▼ General
 - ▼ Item Master
- Buttons:** At the bottom, there are buttons for 'OK', 'Cancel', 'Schedule', 'Create Report', 'New Stored Procedure', and 'Remove'. A double-headed arrow points to the 'Remove' button.

Feature

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

Benefit

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

Using Extension Package Tool in Command Line Mode



```
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)




Feature

- ## Benefit

- 94

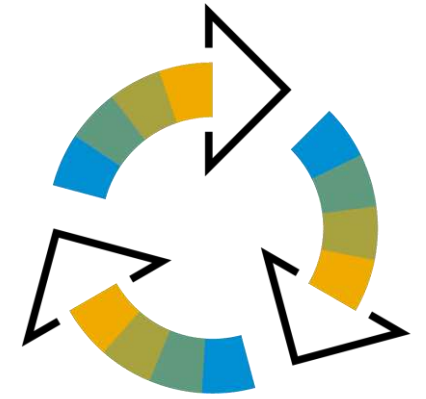
Platform | Extensibility



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

Lifecycle Management

SAP Business One 9.3



Centralized Deployment



SLD Version: 930100 | Welcome, B1SiteUser | Help

Logical Machines (4)

Alias	Machine Status	Version	CPU Utilization	Memory Utilization	Description	Agent Status	SLD Agent Version	Log
mo-4fe0f729a.mo.sap.corp	Running		3.7%	21.65%		Online		
dewdfth12415	Running	9.30.100.pl00	0.7%	95.77%		Online	9.30.100.PL00	
10.55.179.125	Running		19.0%	11.15%	Employee 1	Online	9.30.100.PL00	
10.55.178.54	Running						9.30.100.PL00	

SAP Business One Components

Component Name	Deployment Status

Select Components

Name	Installed Version	New Version	Action
Implementation tools			
<input checked="" type="checkbox"/> SAP Business One Client		9.30.000.PL00	INSTALL
<input checked="" type="checkbox"/> 10.55.179.125		9.30.000.PL00	INSTALL
<input checked="" type="checkbox"/> 10.55.178.54		9.30.000.PL00	INSTALL
SAP Business One Client (64bit)			
<input checked="" type="checkbox"/> 10.55.179.125			
<input checked="" type="checkbox"/> 10.55.178.54			
Data Interface API			
<input checked="" type="checkbox"/> 10.55.179.125			
<input checked="" type="checkbox"/> 10.55.178.54			

Review

Parameter	Value
Installation	
Installation folder (32-bit)	C:\Program Files (x86)\SAP
Selected Features [10.55.178.54]	
Implementation tools - SAP Business One Client	B1Client
Implementation tools - Data Interface API	B1DI/API
Selected Features [10.55.179.125]	
Implementation tools - SAP Business One Client	B1Client
Implementation tools - Data Interface API	B1DI/API

Feature

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

Benefit

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



Embedded Incident Management

PL03 Update



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 "SAP Business One Issue Recorder"

The screenshot shows the SAP Business One Issue Recorder interface. It displays a list of recorded steps for the 'A/R Invoice' window. The first step is 'User keyboard input on "A/R Invoice (window)" in "SAP Business One Issue Recorder"'. The interface includes a sidebar with a tree view of SAP modules and a main area showing the recorded steps.

SAP Business One Issue Recorder

Recorded Scenarios

Title	Created	Folder Name	Size
Due date missing	6/12/2017 8:33:27 PM	20170612_203327_Due date missing_	999 KB

Buttons: Report, Delete, New, Close

SAP 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
0000000000000195446	OEC Computers UK	SBODEMOCH	Recorded Scenario Upload	0002578688	System	Succeeded	20180302_123346_GL Account is missing_dfbosweb4.zip (1.52 MB)	3/8/2018 12:34:50 PM
0000000000000195446	OEC Computers UK	SBODEMOCH	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?

Buttons: Open, Save, Cancel

Feature

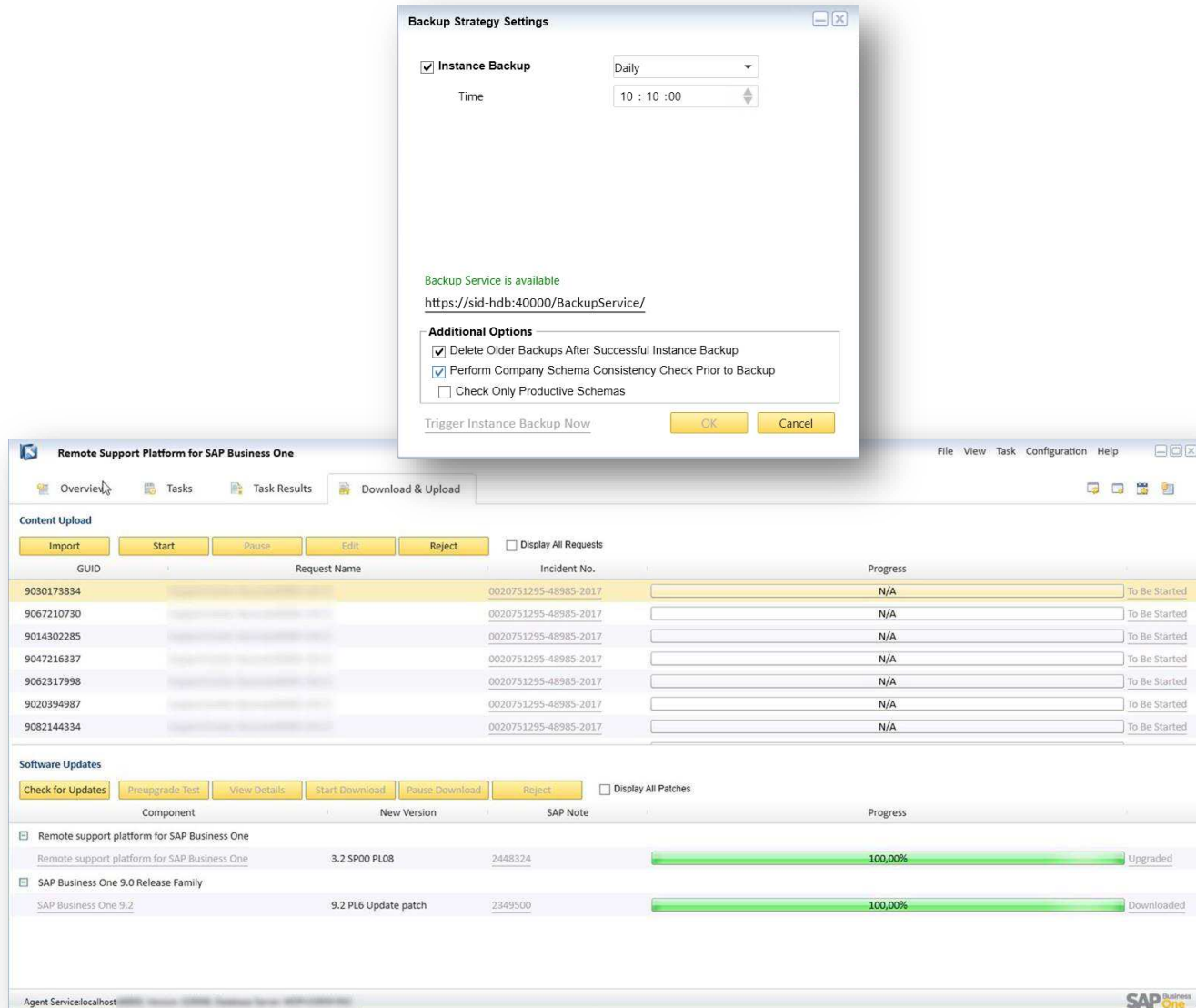
- Instantly record a problem inside SAP Business One Client
- Document all taken steps as screenshots with text
- Submit report including issue description and file path to Partner WebDAV by the Remote Support Platform Task 2578688 (PL03)

Benefit

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



Remote Support Platform 3.2



Latest Features

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

Benefits

- Consistency check strategy
- Quicker and more effective support

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

Thank you.

SAP Global SME Business Unit | Rollout Services

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