



# SAP Business One 10.0

## Release Highlights

Global Partner Enablement, SAP Business One  
June, 2024

Public



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# SAP Business One 10.0 Enhancements (1/5)

- SAP Note [2826255](#) - Central Note for SAP Business One 10.0
- SAP Note [2826199](#) - Central Note for SAP Business One 10.0, version for SAP HANA
- Learn about the Web Client [here](#)
- For latest features check the [What's New in SAP Business One 10.0 MS SQL | SAP HANA](#)
- SAP Business One [YouTube](#) 

## Web Client

### **Accounting:**

Support Journal Entry

Share Options in Journal Entries for Emails

Automatic Tax in Journal Entries

Series for Creating Manual Journal Entries

Support Distribution Rules in Journal Entries

### **Analytics:**

User-Defined Queries (UDQs)

Export and Import Views

Linked List Views app

### **Administration, General:**

Support Message Preferences

Outlook 365 Enhancements

MS Teams - Access Web Client List View & Detailed View

MS Teams - Access Dashboards & Charts

Configuration App

Outlook 365 Integration Enhancements

Support “Read Only” Mode

Human Resources - Time Sheet

**Identity and Authentication Management** - Single Sign-On for Web Client and Extensions

Extended setting and setup pattern

Support for company details

Initial setup support for system, inventory, and business partner

User-Defined Fields Management

manage posting period settings

SAP Business One Suggest

# SAP Business One 10.0 Enhancements (2/5)

## Web Client – cont.

### **Business Partners:**

Attachments Tab in Business Partner Master Data  
Create incoming and outgoing payments for the current business partner.

### **Extensibility:**

Extensibility Support  
Use APIs to generate URLs for the list view and detailed view of an object  
Support API Views for All Analytics Views  
Support User-Defined Field as a Check Box Type  
Linked User-Defined Fields  
Web client UI API support  
Visual Studio Code plugin for UI API extension development, with document and example code

### **Home page:**

Support multiple Horizon themes  
Support "Reset" in Home Page Groups  
News Feed Tile

### **Inventory Transactions and Production:**

Enhancements in Outgoing SnB/Bin Location Selection  
Support BP Catalog Number  
Support Alternative Items  
Support Goods Receipt  
Support Inventory Counting  
Support Bill of Material  
Support Issue for & Receipt from Production  
Support Batches and Serial Numbers in Inventory Counting Transactions  
Attachments Tab in Inventory Counting Transactions  
Distribution Rules in Inventory Counting Transactions  
Supporting Batches, Serial Numbers, and Bin Locations in Goods Issues and Goods Receipts

# SAP Business One 10.0 Enhancements (3/5)

## Web Client – cont.

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### **Sales, Purchasing, and Service:**

Support Purchase Quotation & Purchase Order

Service Module

Support Goods Receipt PO & A/P Invoice

Support Payments

Support Goods Return & A/P Credit Memo

Support Goods Issue

Support Equipment Card

Support Approval Process for Approvers

Support “Text” and “Subtotal” line types

Support document Opening & Closing remarks

Packing Slips in Deliveries and A/R Invoices

Assign Distribution Rules in Sales and Purchasing

Document Lines

Approval Decisions Apps Support Additional Sales and Purchasing Docs

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Email up to 20 selected records

Support Return Request, Purchase Request & Goods Return Request

Support A/P Reserve Invoice

Support Service Contract

Alternative Row Type in Sales Quotations

Support Batches, Serial Numbers, and Bin Locations in Document Rows

Attachments Tab in Activities

Managing Blanket Agreements in Marketing Documents

Copying Lines in Marketing Documents to a Target Document

Tax Code Checks in Marketing Documents

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# SAP Business One 10.0 Enhancements (4/5)

## Administration

Support Expiration Date

Enhancements in Document Printing

Referenced Document Enhancements

Support Attachments Tab in Additional Objects

Increased Field Lengths

Enhancements in Approval Process

New Overview Window: Alerts Management

Tab-Level Authorizations in Master Data

Product Documentation Moved to SAP Help Portal

Messages/Alerts Cleanup Tools

Manage Change Log for System Setups

Data Archive Simplification

## Usability



New Skin Style

Enhanced User Interface

Alignment of Form Behavior

User Name in License & Add-On Administration

## Financial Management

Drill Down to G/L Accounts in Financial Reports

Posting Periods Enhancements

Extend Journal Entry Remarks to 254 Characters and Increase Length of Ref.3 Fields

Financial Management Enhancements

Period End Closing - Journal Entry Series

Fixed Assets Enhancement

## Localization

Argentina - Withholding Tax (Perception) in the Automatic Credit Memo

Brazil - API Tax Enhancements - Service Layer & DI API

European Union –  
One Stop Shop Enhancement  
Items Country of Origin Tracing

France - Legal Compliance Enhancements

Greece - eBooks Enhancements

India - Localization Enhancements  
E-Invoice Auto Sending

Israel - Electronic Invoice Enhancements

Japan - Qualified Invoice Method  
eDocument support with PEPPOL

Mexico - Electronic Invoice CFDI 4.0 – eDoc  
CFDI 4.0 Enhancements

Portugal - Report SAF-T enhancements

Singapore - eDocument support with PEPPOL  
New UK (Brexit) Localization

United States - Tax Service with Avalara's Tax Rates by Address

# SAP Business One 10.0 Enhancements (5/5)

## Sales | Purchasing | Service

Backorder Report Enhancements

Printing Service Calls & Contracts

Hide Blank Lines in Addresses

Add Button Extended in Marketing Documents

Enhanced Open Items List Report

EU PEPPOL E-Invoicing

SAP Business One Sales and Service Mobile Apps

“Confirmed” Checkbox in Sales and Purchase quotations

“Move Up” and “Move Down” buttons in sales and purchasing documents to change lines sequence

Removing, Closing, and Restoring Multiple Draft Documents

## Project Management

Interactive Gantt Chart

## Inventory | Production

Serial & Batch Numbers Management

Ability to change UoM Group of an item

Bill of Materials (BoM) Description Enhancements

Drill Down from BoM to Item Master Data

Production Enhancements

Variance Report Enhancement for Production Orders

## Platform | Extensibility

Service Layer Enabled for Microsoft SQL Server

Service Layer Configuration UI



Formatted Search Supports Multiple Triggers

Extend UDF Support to Additional Objects

Microsoft Office 365 Integration

64-bit Support Only

GateKeeper (Browser Access) Service

DI API | Service Layer | Platform | Integration Framework Enhancements

Extensibility Enhancements

SAP Business One supports Microsoft Office 2021.

Identity and Authentication Management (IAM)

IAM supported in Cloud PL 20 together with SAP Business One 10.0 FP 2405 and higher

# Web Client

SAP Business One 10.0 (MS SQL)

SAP Business One 10.0, version for  
SAP HANA



# Web Client PL02 Update

# Web Client for SAP Business One

PL02 Update



Learn about the Web Client [here](#)

For latest features check the [What's New](#) document



- The Web Client\* is based on SAP Fiori design principles encapsulating SAP Business One core processes and business logic alongside an advanced user experience
- Focused on creation, processing and updating of Sales Quotations, Sales Orders, A/R Deliveries, and A/R Invoices **(PL01)**
- List views for purchasing documents **(PL02)**
- Supports creation and update of Items, Business Partners, and Activities
- The Web Client provides some sophisticated analytic charting capabilities
- For optimized user experience launch the Web Client in either a desktop computer or tablet, using the Google Chrome or Firefox web browser. The Web Client can also be launched directly from the regular SAP Business One desktop application.

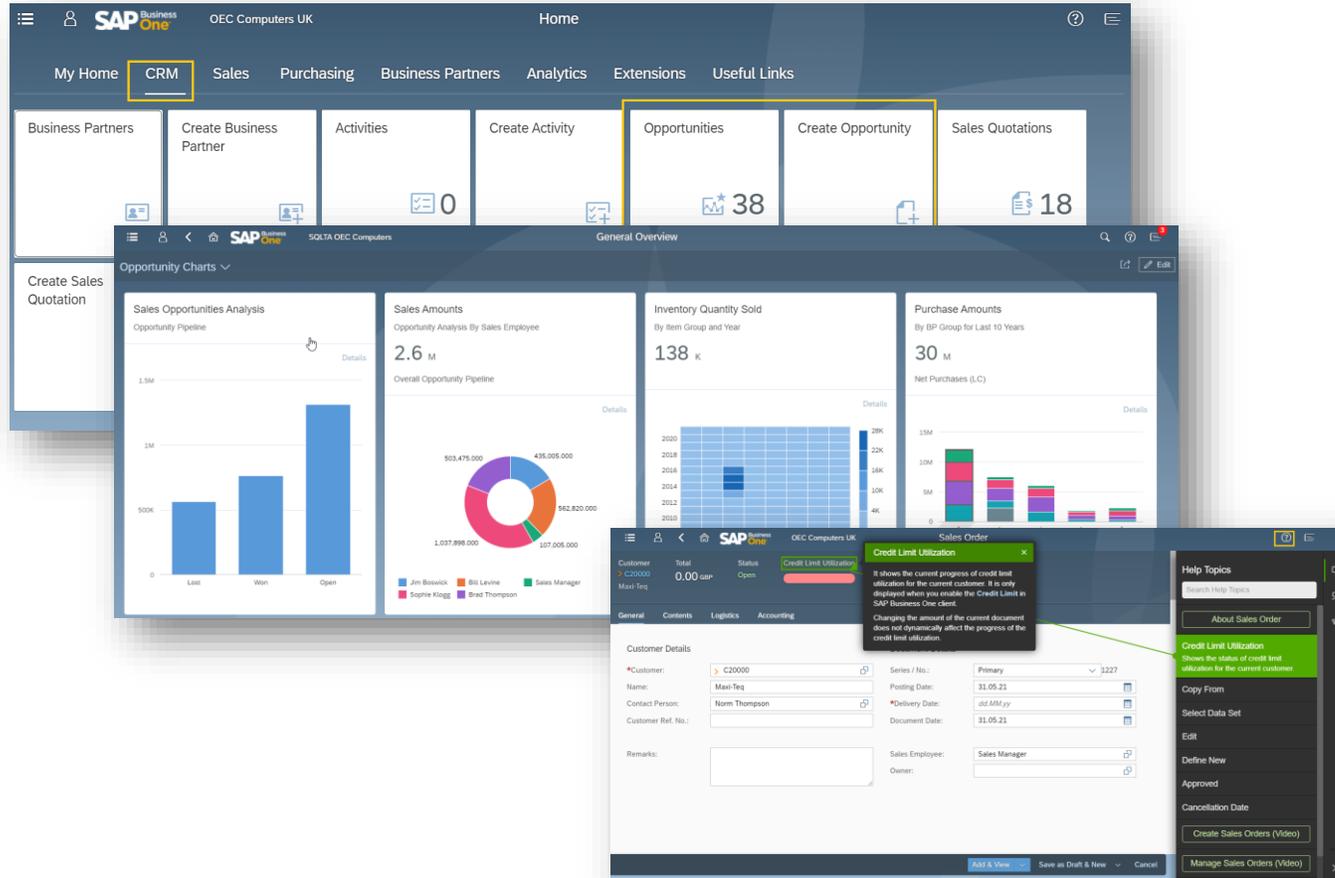
\* The Web Client delivered with SAP Business One 10.0 PL02 is supported by all SAP Business One localizations. Brazil and India in view mode only.

**Web Client**

**FP2105 Update**

# Web Client for SAP Business One

FP2105 Update



- Enhance delivered objects (Business Partner, Items, Activity, Sales Quotation, Sales Order, Delivery, and Invoice)
- Extend sales support (Return, A/R Credit Memo, and A/R Reserve invoice)
- Support of outgoing serial and batch numbers/bin location selection
- Extend localization support
- Support CRM
- Enhance Analytical capabilities
- Support Microsoft 365 (Excel)
- Extensibility support (URL mashup, Fiori/HTML5 app support)
- Web Assistant Adoption

**Web Client**

**FP2108 Update**

# Web Client - Enhance Delivered Objects

FP2108 Update

Document No.	Customer Code	Customer Name	Posting Date	Due Date	Document Total	Status
12	C23900	Parameter Technology	08/15/2021	08/15/2021	558.20 \$	Closed
11	C23900	Parameter Technology	08/15/2021	08/15/2021	558.20 \$	Closed
10	C23900	Parameter Technology	08/15/2021	08/15/2021	558.20 \$	Open
9	C30000	Microchips	10/07/2013	10/07/2013	15,560.94 \$	Closed
8	C70000	Aquent Systems	06/18/2013	06/18/2013	7,000.00 \$	Closed
7	C40000	Earthshaker Corporation	02/07/2013	02/07/2013	7,493.75 \$	Closed
6	C40000	Earthshaker Corporation	11/06/2012	11/06/2012	1,635.00 \$	Closed
5	C42000	Mashina Corporation	09/23/2012	09/23/2012	596.25 \$	Closed
4	C60000	SG Electronics	07/08/2012	07/08/2012	1,950.00 \$	Closed
					38,410.69 \$	

- Business Partner Master Data Support Checks balance for customers
- Additional fields and columns are added to the Opportunities list view for more flexible and efficient filtering options
- Cancelling A/R Credit Memo via list view is supported
- Enable upload BP image using camera

# Web Client - Support Message Preferences

FP2108 Update

Area	AppName	Message Text	Display	Answer
Sales and ...	Sales Order	Do you want to update the existing table rows with the new delivery date?	<input checked="" type="radio"/> YES	Yes
Sales and ...	Purchase Order	Do you want to create a reference between the original and duplicate documents?	<input type="radio"/> NO	Yes

- Message Preferences form is added to Settings section under the user area, enabling users to review their message preferences and change it as required:
  - Display a message that is currently not display
  - Change the answer to be applied in case a message is not displayed
- The settings done on the Web client apply to the same messages on the regular client and vice versa

# Web Client - Enhancements in Outgoing SnB/Bin Location Selection

The image shows two overlapping screenshots from a web client interface. The top screenshot is a 'Select Serial Numbers' dialog box. It contains a table with columns: Serial Number, Admission Date, Expiration Date, Lot Number, Mfr. Serial No., Status, and System Number. The table lists serial numbers from S1-000186 to S1-000195, all with a status of 'Available'. An 'Auto Select' button is highlighted at the bottom of the dialog. The bottom screenshot shows a main application window with a table of items. The 'Batch/Serial Numbers' column in this table has a dropdown menu open, showing a list of serial numbers from S1-000186 to S1-000198. The 'Auto Select' button in the dialog is also highlighted in the bottom screenshot.

- Auto select button is added to lists of bin locations and serial and batch numbers selection to increase efficiency
- The Batch/Serial Numbers and Bin Location columns are editable, enabling the user to start typing directly the required value and the auto-suggest feature lists the most suitable values accordingly

# Web Client - Support BP Catalog Number

FP2108 Update

The image displays three overlapping screenshots of the SAP Business Partner and Item Master Data interfaces, illustrating the new 'BP Catalog Numbers' feature. The top screenshot shows the 'Business Partner C20000' overview with a 'BP Catalog Numbers' button highlighted in a yellow box. The middle screenshot shows the 'Item Master Data A00001' overview with a 'BP Catalog Numbers' button highlighted in a yellow box. The bottom screenshot shows the 'Business Partner Catalog Numbers' list, which is a table with columns for BP Code, BP Name, Default, Item No., Item Description, BP Catalog No., and BP Catalog Description. The table is grouped by business partner (C20000, C25000, V23000) and lists various items with their corresponding catalog numbers.

BP Code	BP Name	Default	Item No.	Item Description	BP Catalog No.	BP Catalog Description
C20000	Maxi-Teq	<input type="radio"/>	A00001	J.B. Officeprint 1420	A1	
		<input type="radio"/>	A00001	J.B. Officeprint 1420	A11	
		<input checked="" type="radio"/>	A00001	J.B. Officeprint 1420	A111	
		<input checked="" type="radio"/>	A00002	J.B. Officeprint 1111	A2	
C25000	Star Company	<input checked="" type="radio"/>	A00001	J.B. Officeprint 1420	A1	
		<input type="radio"/>	A00001	J.B. Officeprint 1420	A11	
		<input type="radio"/>				
V23000	Anthony Smith	<input checked="" type="radio"/>	A00001	J.B. Officeprint 1420	A1	
		<input checked="" type="radio"/>	A00002	J.B. Officeprint 1111	A2	
		<input type="radio"/>	A00002	J.B. Officeprint 1111	A2222	
		<input checked="" type="radio"/>	A00003	J.B. Officeprint 1186	A3	
		<input type="radio"/>				

- A new app for Business Partner Catalog Number is added under Business Partners module
- Here you can view, define, update and remove catalog numbers grouped by business partner, as well as set default and duplicate selected items
- Using the filter-bar you can filter the list for better efficiency
- Like in other lists, you can export BP catalog numbers to Excel
- The "BP Catalog Number" button added to business partner and item master data headers opens the list of catalog numbers defined for the given business partner or item

# Web Client - Support Purchase Quotation & Purchase Order

FP2108 Update

The screenshot displays the SAP Business One Web Client interface. The top navigation bar includes 'My Home', 'CRM', 'Sales', 'Purchasing', 'Business Partners', 'Service', 'Analytics', 'Extensions', and 'Useful Links'. The 'Purchasing' tab is active, showing a dashboard with tiles for 'Purchase Quotations' (1), 'Create Purchase Quotation', 'Purchase Orders' (59), 'Create Purchase Order', 'Goods Receipt POs' (68), and 'Goods Returns' (0). Below this, there are tabs for 'A/P Invoices', 'A/P Credit Memos', and 'Sales & Purchasing'. The main area shows the 'Manage Purchase Orders' screen with search filters for Document No., Vendor Code, Delivery Date, Status, and User Signature. A table lists 67 purchase orders with columns for Document No., Vendor Code, Vendor Name, Vendor Ref. No., Posting Date, Delivery Date, Document Total, and Printed status. The table is filtered to show 3 records. The 'Create' button in the table's action bar is highlighted with a yellow box.

Document No.	Vendor Code	Vendor Name	Vendor Ref. No.	Posting Date	Delivery Date	Document Total	Printed
1268	V10000	Acme Associates		08/16/2021	08/16/2021	1,085.75 \$	Original
1267	V10000	Acme Associates		08/16/2021	08/16/2021	1,084.67 \$	Original
1266	V10000	Acme Associates		08/16/2021	08/16/2021	1,083.58 \$	Original
1265	V10000	Acme Associates		08/16/2021	08/16/2021	43,300.00 \$	Original
1264	V10000	Acme Associates		08/16/2021	08/16/2021	433.00 \$	Original
1263	V10000	Acme Associates		08/16/2021	08/16/2021	433.00 \$	Original
1262	V10000	Acme Associates		08/16/2021	08/16/2021	433.00 \$	Original
1261	V20000	Lasercom		08/15/2021	08/15/2021	757.30 \$	Original
1260	V20000	Lasercom		08/15/2021	08/15/2021	0.00 \$	Original
1259	V1010	Far East Imports		08/15/2021	08/15/2021	0.00 \$	Original
1258	V10000	Acme Associates		08/15/2021	08/15/2021	0.00 \$	Original
1257	V10000	Acme Associates		08/15/2021	08/15/2021	1,840.25 \$	Original
						754,977.78 \$	

- New apps for creating and processing Purchase Quotation and Purchase Order are available
- In addition, the Purchase Quotations and Purchase Orders apps are enhanced to support:
  - View, process and create Purchase Quotations and Purchase Orders
  - Batch operations for selected records- such as Close and Cancel

# Web Client - Service Module

FP2108 Update

The screenshot shows the SAP Business One Web Client interface. The top navigation bar includes 'Service' which is highlighted. Below it, a dashboard shows 'Service Calls' (15) and 'Solutions Knowledge Base' (13). The main area displays a 'Service Call 58' with details like 'Type: Sales', 'Status: Open', and 'Credit Limit Utilization: 83%'. A 'Solutions Knowledge Base 5' sidebar is open, showing a table of solutions and a detailed view for solution ID 5.

#	ID	Solution	Created On
1	5	Additional random access memory (RAM) is installed on the PostScript(R) / PCL 5C personality card and used only when printing with PostScript and PCL 5C printer languages	04/09/2011
2	12	Clean printer cartridge	04/09/2011

**GENERAL**

Updated By: Jayson Butler  
Updated On: 20110409

Symptom: How is additional memory installed in the printer?  
Cause: Insufficient memory

Solution Description: Additional random access memory (RAM) is installed on the PostScript(R) / PCL 5C personality card and used only when printing with PostScript and PCL 5C printer languages. An optional 64 MB SDRAM memory module (part number 1818-8505) can be installed on the PostScript/PCL 5C personality card. An optional 128 MB SDRAM memory module (part number C2388A) can also be installed on the PostScript/PCL 5C personality card. Adding memory to the printer will allow the printer to process more complex PostScript and PCL 5C jobs, but it may not necessarily increase processing speed. DETAILS: Follow the steps below to install additional memory: To avoid electrostatic discharge (ESD) damage, use an anti-static wrist strap clipped to a grounded metal piece. Turn off the printer and remove the interface cable. Loosen the two screws on the PostScript/P

- The Service module in the Web client enables you to create and process service calls and solutions
- The Service Calls and Solution Knowledge Base list views provide you comprehensive overview and enable you to generate respective reports
- Enhanced user-interface design enables the user to view selected solution side-by-side the respective service call, gaining the benefit of having all information in one place

# Web Client - Enhance Analytic Capabilities

FP2108 Update

- Card view option is added to all list views, including UDOs & UDTs
- The Card View enables you to create sets of analytical cards for a given object using dedicated editor and save it as view for future use

**Edit Card**

Delivery Rate

Title: Delivery Rate

Subtitle:

KPI Header: OFF

Show Legend: ON

Content Type: [Donut Chart]

Sort By: Segment

Sort Order: Ascending

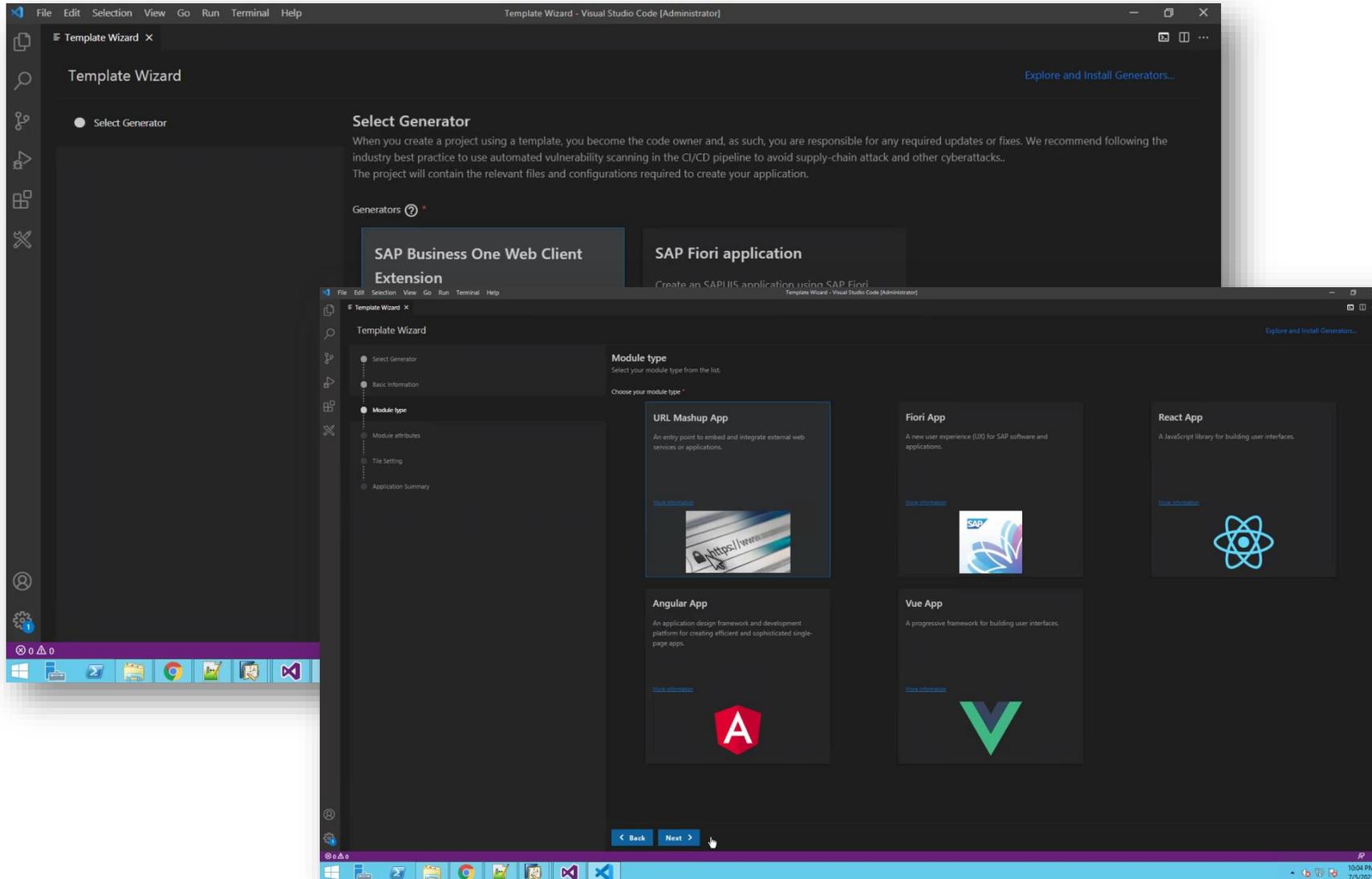
Segment Measure: Record Count

Color Dimension: Posting Date (Month)

Save As Save Cancel

# Web Client - Extensibility Support

**FP2108 Update**



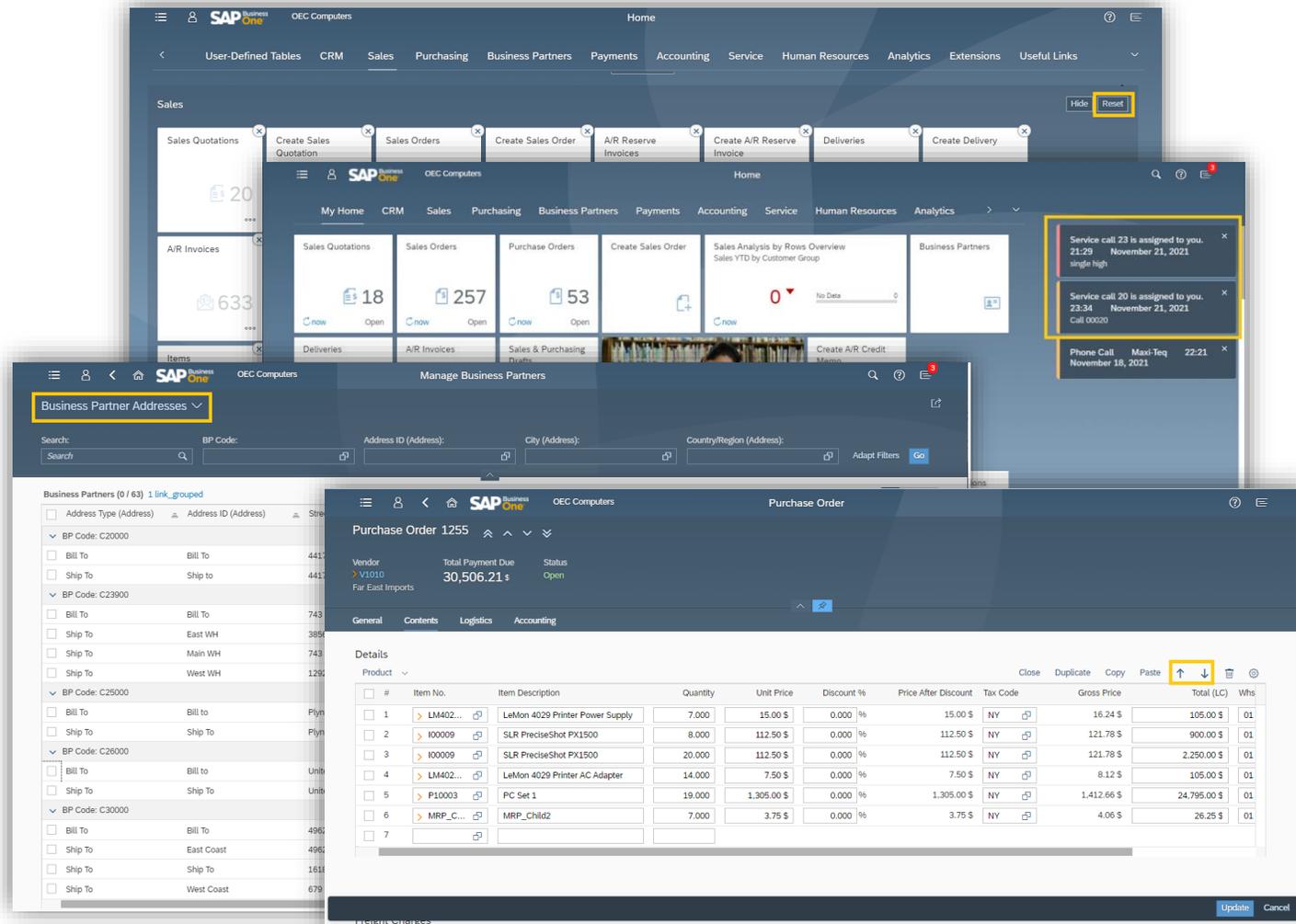
- Ability to package web applications with VSCODE (URL mashups, Apps), Based on Fiori/Angular/React/Vue frameworks
- Support Tiles Image
- UI-API Framework - Internal prep

**Web Client**

**FP2111 Update**

# Web Client - Enhance Delivered Objects

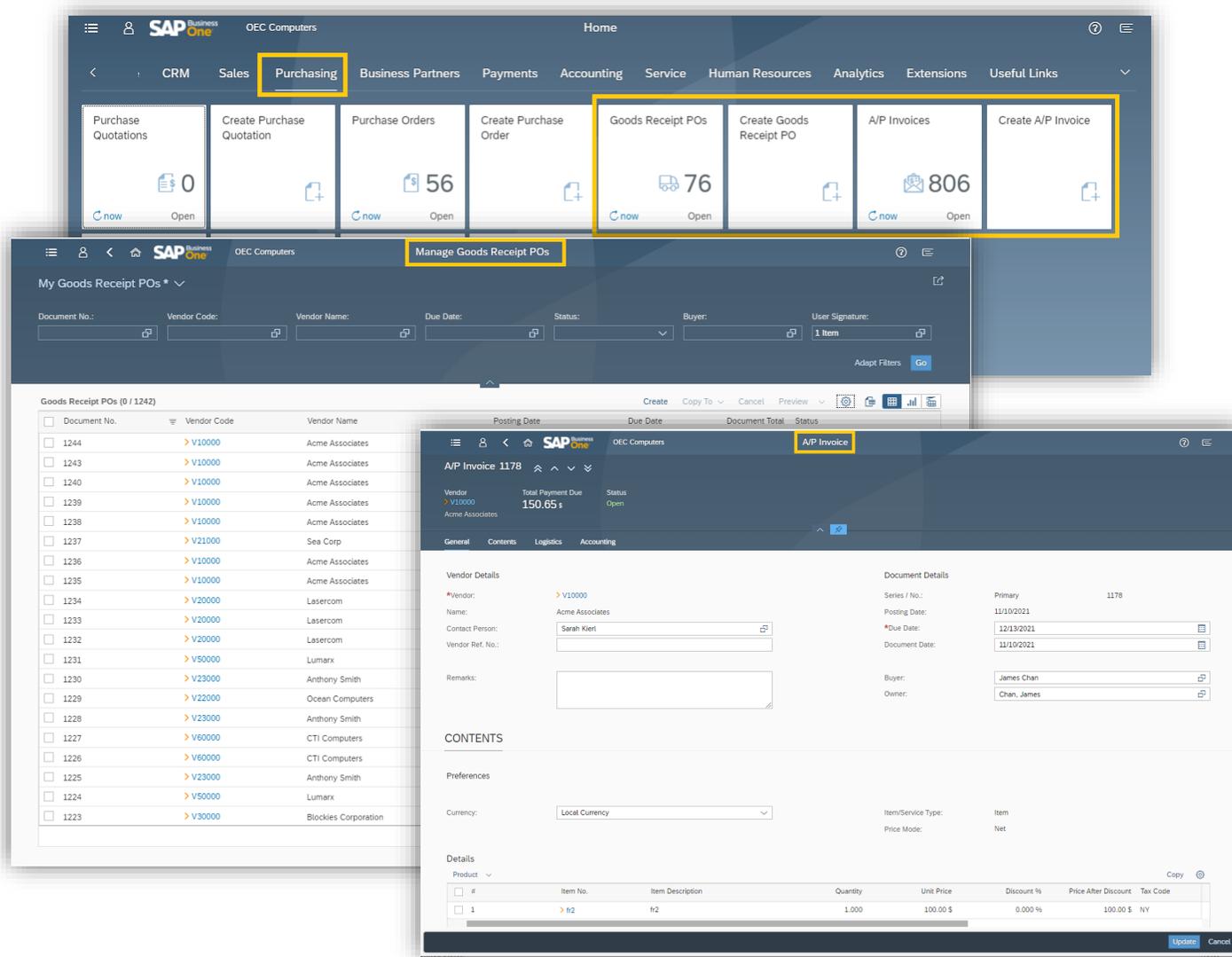
FP2111 Update



- Support "Reset" in Home Page Groups
- You can re-position rows in Sales & Purchasing Documents in "Create" mode, and in "Edit" mode in Quotations and Orders
- Serial/Batch and Bin Location Auto-Allocation For Outbound Transaction
- The "Notification Center" is enhanced to display notifications when a service call is assigned to you as a user or as a technician
- Service Calls list view is enhanced to support "close" and "reopen" of single/multiple service calls and the filter bar is enriched with additional fields
- "Business Partner Addresses" view is added to the Manage Business Partners list view
- Business Card scanning is supported
- List views support copying only part of the document rows to target document
- Draft watermark is supported for draft preview

# Web Client - Support Goods Receipt PO & A/P Invoice

FP2111 Update



- The apps “Goods Receipt POs” and “A/P Invoices” enable you to manage, process and create Goods Receipt POs and A/P invoices
- The apps “Create Goods Receipt PO” and “Create A/P Invoice” enable you to launch the respective document form in “Add” mode to efficiently create new documents.

# Web Client - Support Payments

FP2111 Update

The image displays three overlapping screenshots of the SAP Business One Web Client interface. The top screenshot shows the 'Payments' menu with options for 'Incoming Payments' (224) and 'Outgoing Payments' (255). The middle screenshot shows the 'Manage Incoming Payments' screen with a list of payment entries. The bottom screenshot shows the 'Outgoing Payments' screen for a specific payment (256) with details and a table of document installments.

#	Document Type	Document No.	Installation	Date	Total	Balance Due	Cash Discount %	Total Before Discount	Total Rounding Amount	Total Payment	Overdue D
2	A/P Invoice	1179	1 of 1	11/14/2021	730.69 \$			730.69 \$		730.69 \$	-29
1	A/P Invoice	1160	1 of 1	08/11/2020	5,450.93 \$			5,450.93 \$		5,450.93 \$	429

- Incoming and Outgoing Payments apps are available, enabling you to manage, create, and cancel payments
- You can create payments for business partners or accounts – dedicated apps provide quick launch of the required form
- You can visualize the payment mean related columns in the List View and include them for filtering options
- Supported payment means are cash and bank transfer

# Web Client - Time Sheet

FP2111 Update

The screenshots illustrate the SAP Business One web client interface for Time Sheets. The top screenshot shows the 'Human Resources' menu with 'Time Sheets' and 'Create Time Sheet' highlighted. The middle screenshot shows the 'Manage Time Sheets' view with a table of time sheets. The bottom screenshot shows the 'Time Sheet 1' detail view with employee details and a time recording table.

No.	Type	Employee/Us...	Date From	Date To	First Name	Name	Department	Date	Start Time	End Time	Activity Type	Effective Time	Billable Time
1	User	1	11/01/2021	11/30/2021	Jayson Butler	Jayson Butler		11/01/2021	08:00	17:00		09:00	09:00
1	User	1	11/01/2021	11/30/2021	Jayson Butler	Jayson Butler		11/02/2021	08:00	17:00		09:00	09:00

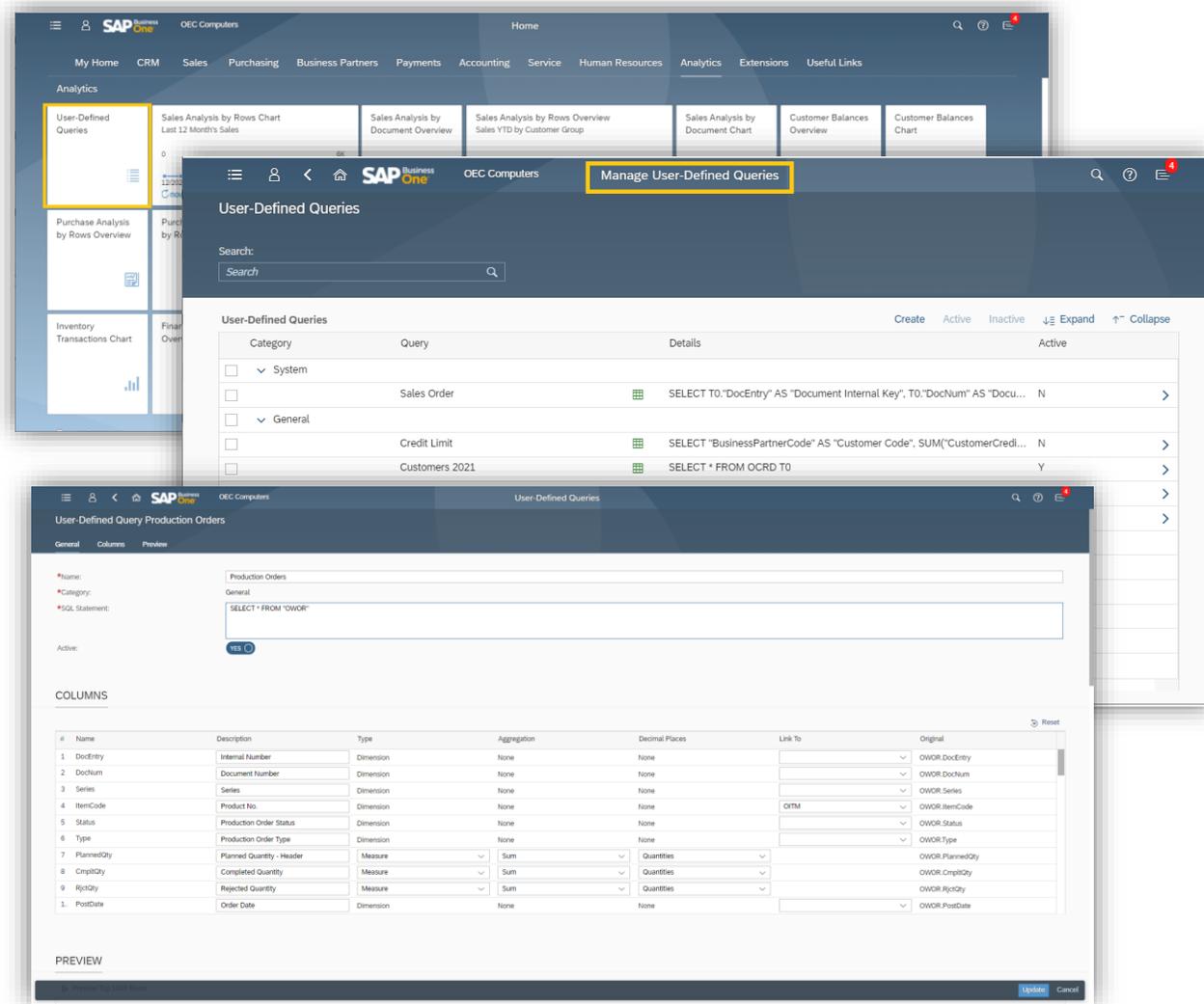
  

#	Date	Start Time	End Time	Activity Type	Labor Item	Service Call No.	Break	Nonbillable Time	Effective Time	Billable
1	11/01/2021	08:00	17:00				HH:mm	HH:mm	09:00	09:00
2	11/02/2021	08:00	17:00				HH:mm	HH:mm	09:00	09:00
3	MM/dd/yyyy									

- New apps “Time Sheets” and “Create Time Sheet” are available
- You can view, create and update time sheets for users, employees, or external contractors

# Web Client - User-Defined Queries (UDQs)

FP2111 Update



- The “User-Defined Queries” app enables you to create, edit, preview, generate, and remove user-defined queries without parameters (update queries are not supported)
- You can open the queries in a list view, apply filters, manage views, and save it as a tile, same as any other list view
- The queries can be used as “Data Source” when editing or designing analytic cards in Overview pages
- User-Defined Queries created in the Web Client will be available also in the Query Manager of the B1 client

# Web Client - Analytics Enhancements

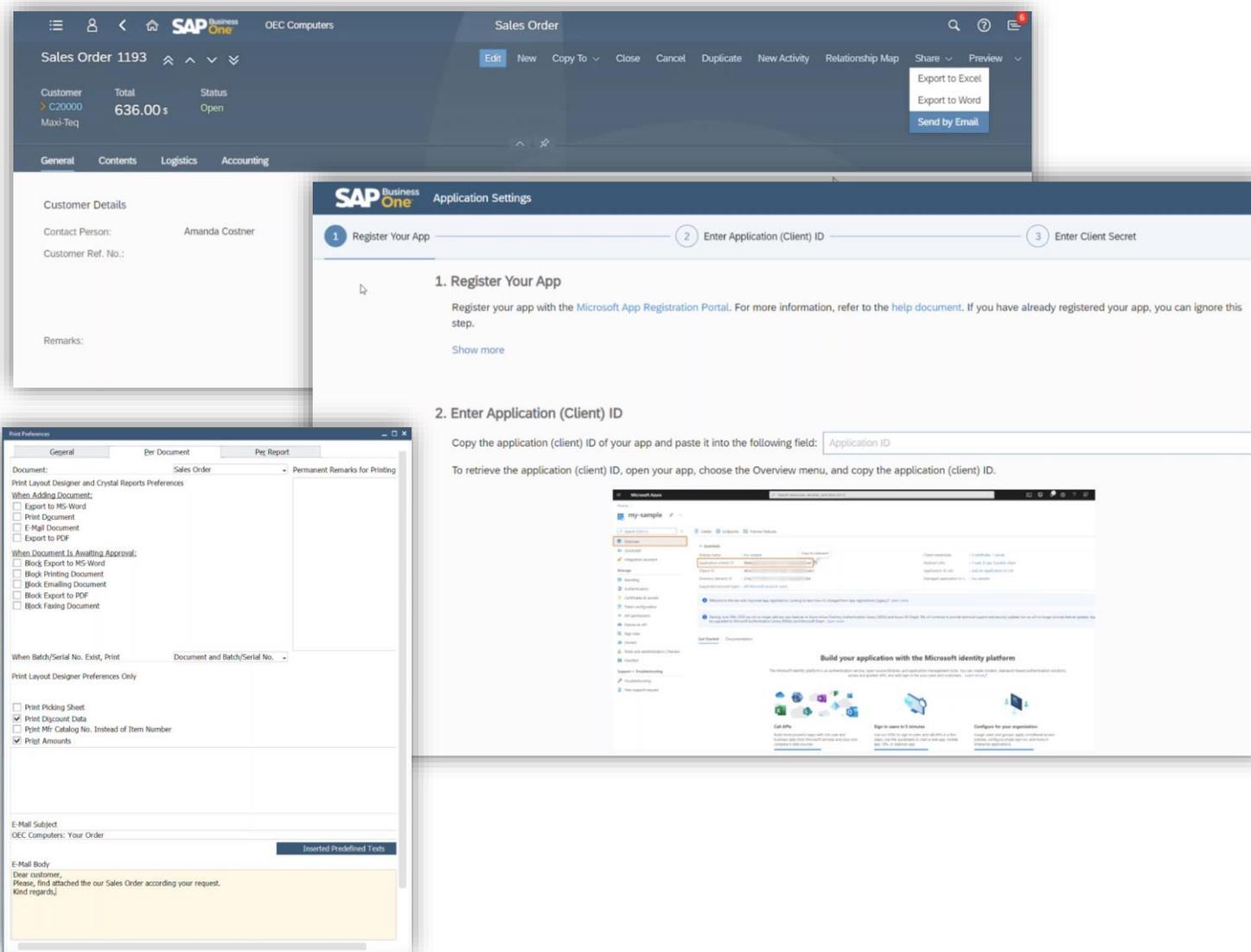
FP2111 Update

The screenshot displays the SAP Business One Web Client interface for 'Manage A/R Invoices'. The top navigation bar includes the SAP logo, user name 'OEC Computers', and the page title 'Manage A/R Invoices'. Below the navigation bar, there are search filters for 'Document No.', 'Customer Code', 'Customer Name', 'Posting Date', 'Status', and 'Sales Employee'. The 'Posting Date' filter is currently set to '+ Mon (1/6/2020)'. A yellow box highlights this filter, showing a dropdown menu with the selected option: '-1 Year:Begin - 1 Day + Mon (1/6/2020)'. Below the search filters, there is a table of 'A/R Invoices (0 / 1)' with columns for 'Document No.', 'Customer Code', 'Customer Name', 'Posting Date', 'Due Date', 'Document Total', and 'Status'. The table shows one invoice with 'Document No.' 920, 'Posting Date' 1/6/2020, and 'Status' Open. A modal window is open for the 'Posting Date' filter, showing a list of 'Time Period' options. The last two options, 'Last X posting periods' and 'Next X posting periods', are highlighted with a yellow box.

- New options are added to the date picker to allow more flexibility of date ranges:
  - Last X posting periods
  - Next X posting periods
- The “Date Offset” calculation is enhanced to support specific month of the year e.g. January, or a day of the week, e.g. Monday. In addition, the expressions “PostingPeriod:Begin” and “PostingPeriod:End” are supported

# Web Client - Outlook 365 Enhancements

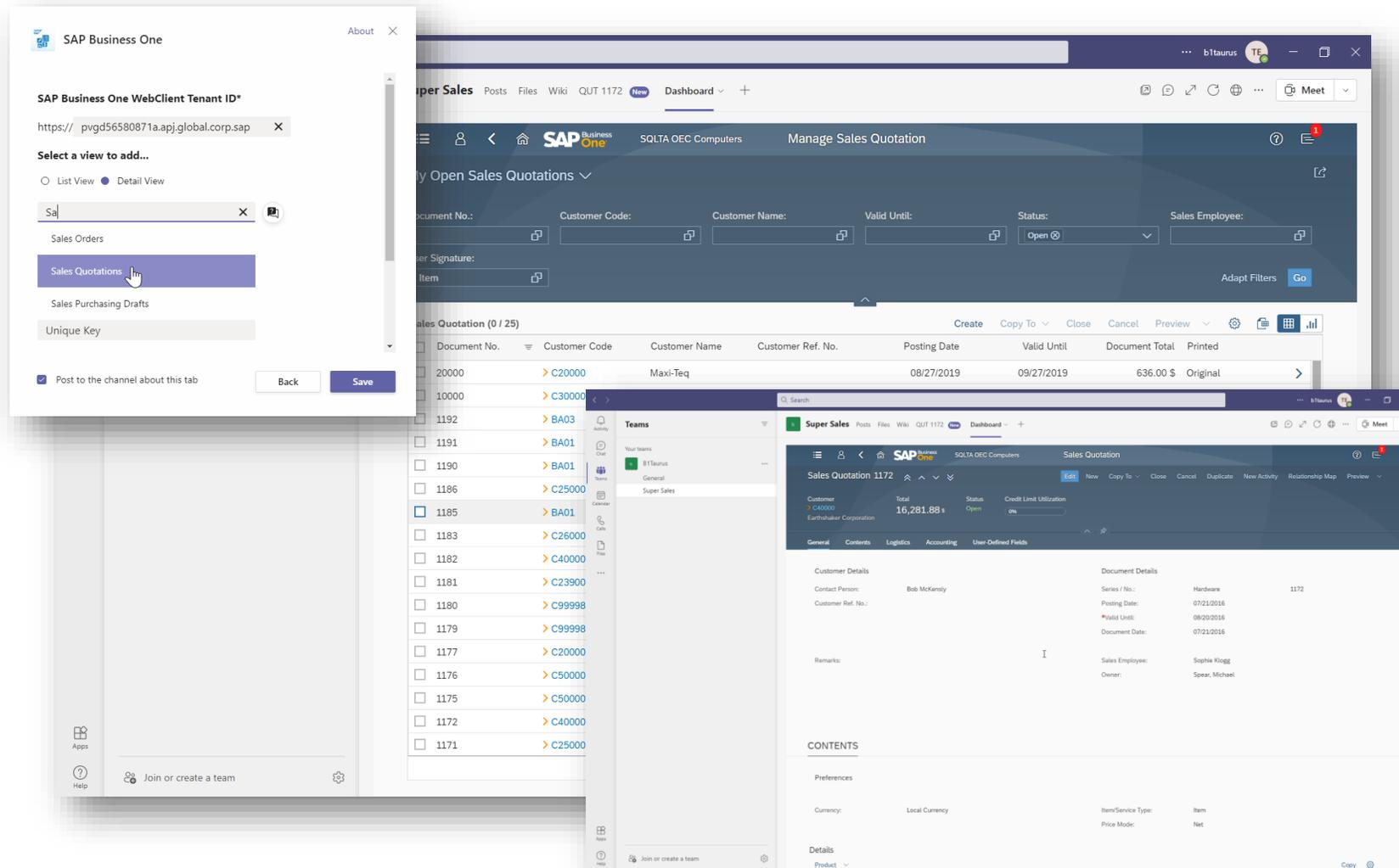
FP2111 Update



- New control of sending e-mail directly from sales documents in Web Client through linked Microsoft 365 Outlook account
- User may review final e-mail before it is finally sent through linked Outlook 365 account.
- Word file with exported document is attached to such e-mail
- Default text and subject of an e-mail message can be set at Print Preferences

# MS Teams - Access Web Client List View & Detailed View

FP2111 Update



## Requirement

- Different roles in a sales team, for example, sales managers, marketers, and pre-sales, can view all Web Client views directly in MS Teams to improve collaboration across departments and systems while working on the same business potentials.

## Capabilities

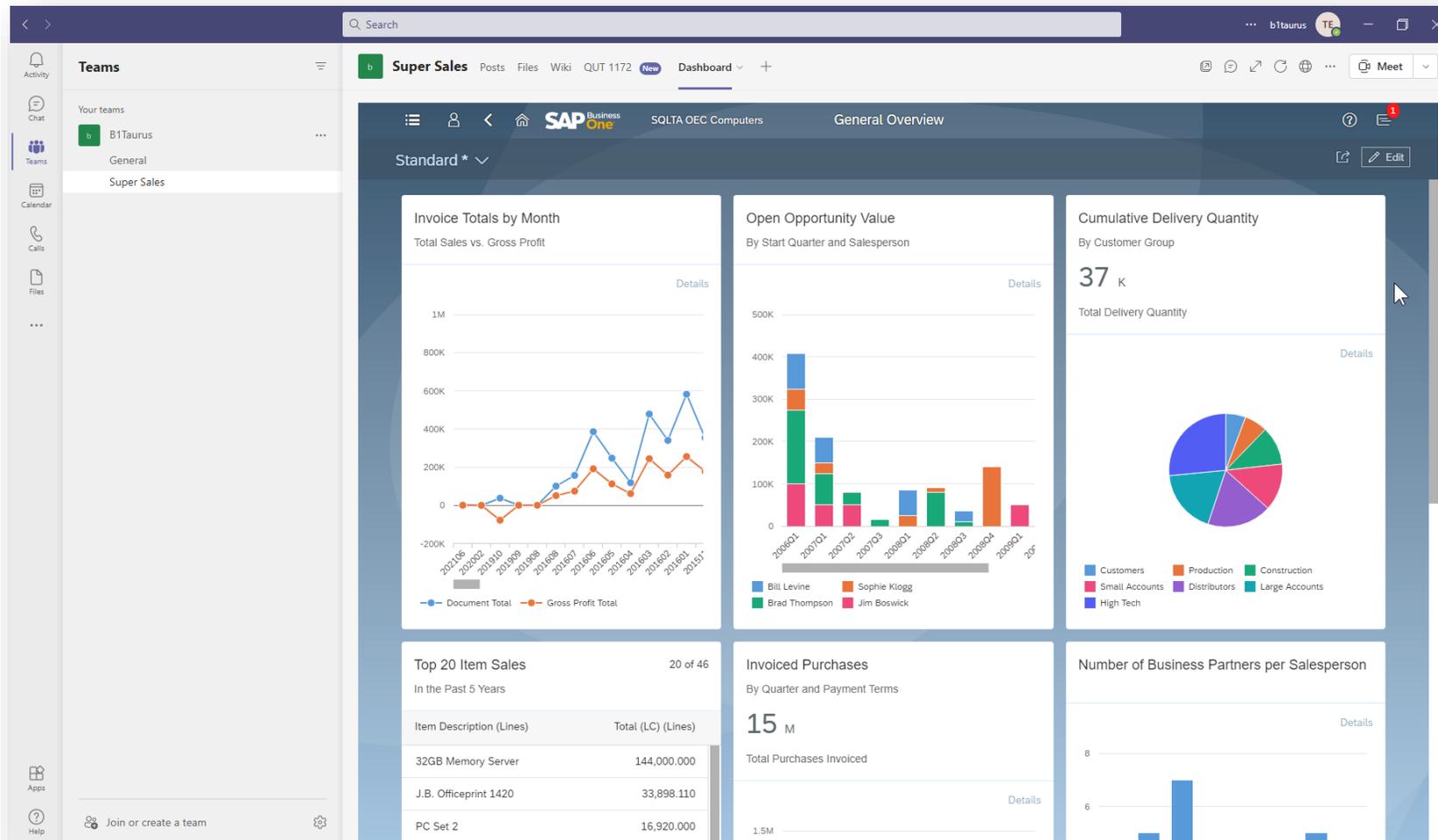
- Add any list view & detailed view to Tab View of MS Teams
- View all authorized view in MS Teams

## Benefits for Customers

- Collaborate and manage work easily without changing systems
- Increase productivity and work efficiency

# MS Teams - Access Dashboards & Charts

FP2111 Update



## Requirement

- Users can view Dashboards & Charts directly in MS Teams to improve collaboration across departments and systems while working on the same business topic.

## Capabilities

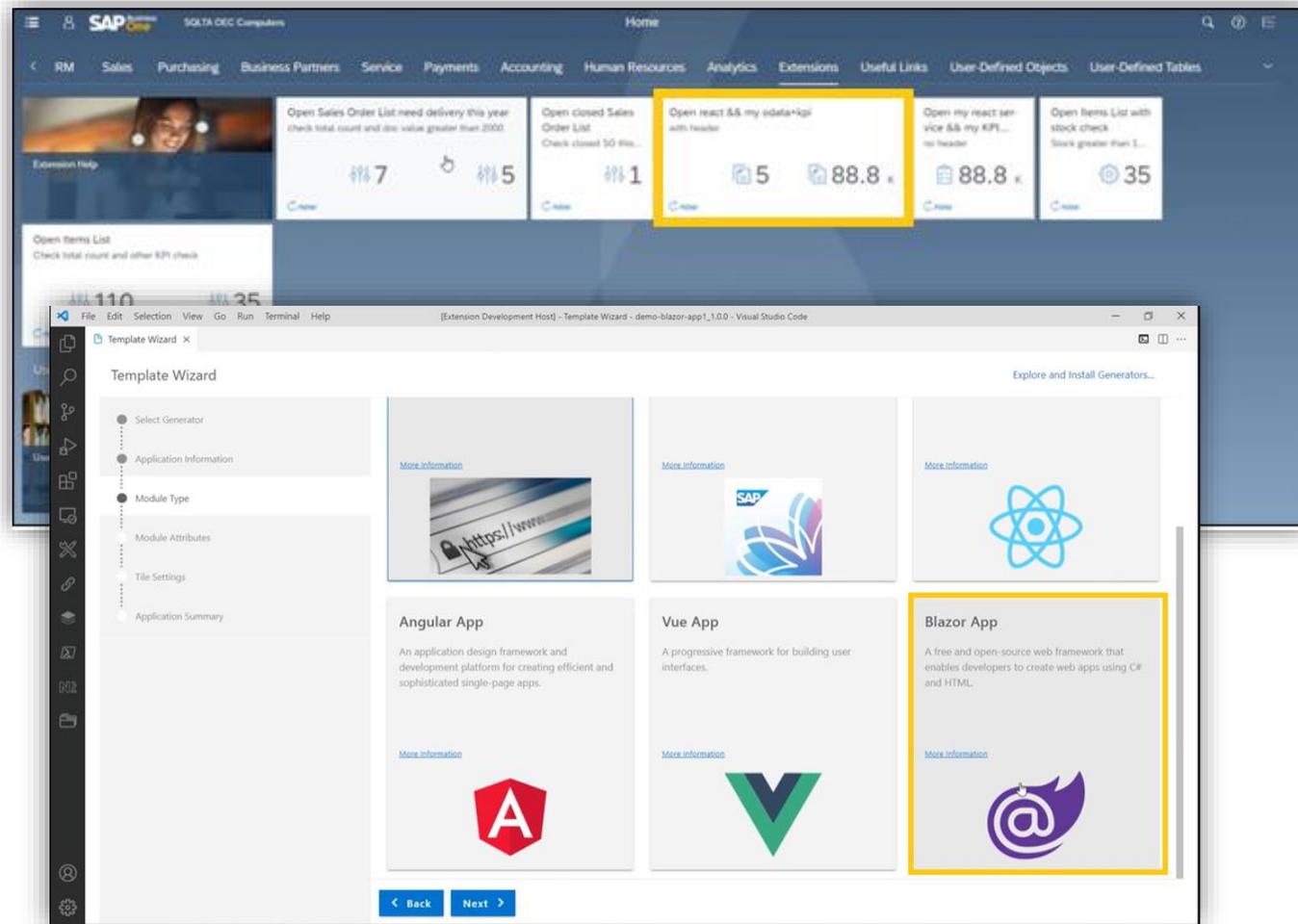
- Add Dashboards & Charts in Tab View of MS Teams
- View all authorized Dashboards & Charts in MS Teams

## Benefits for Customers

- Collaborate and manage work easily without changing systems
- Increase productivity and work efficiency

# Web Client - Extensibility Support

FP2111 Update



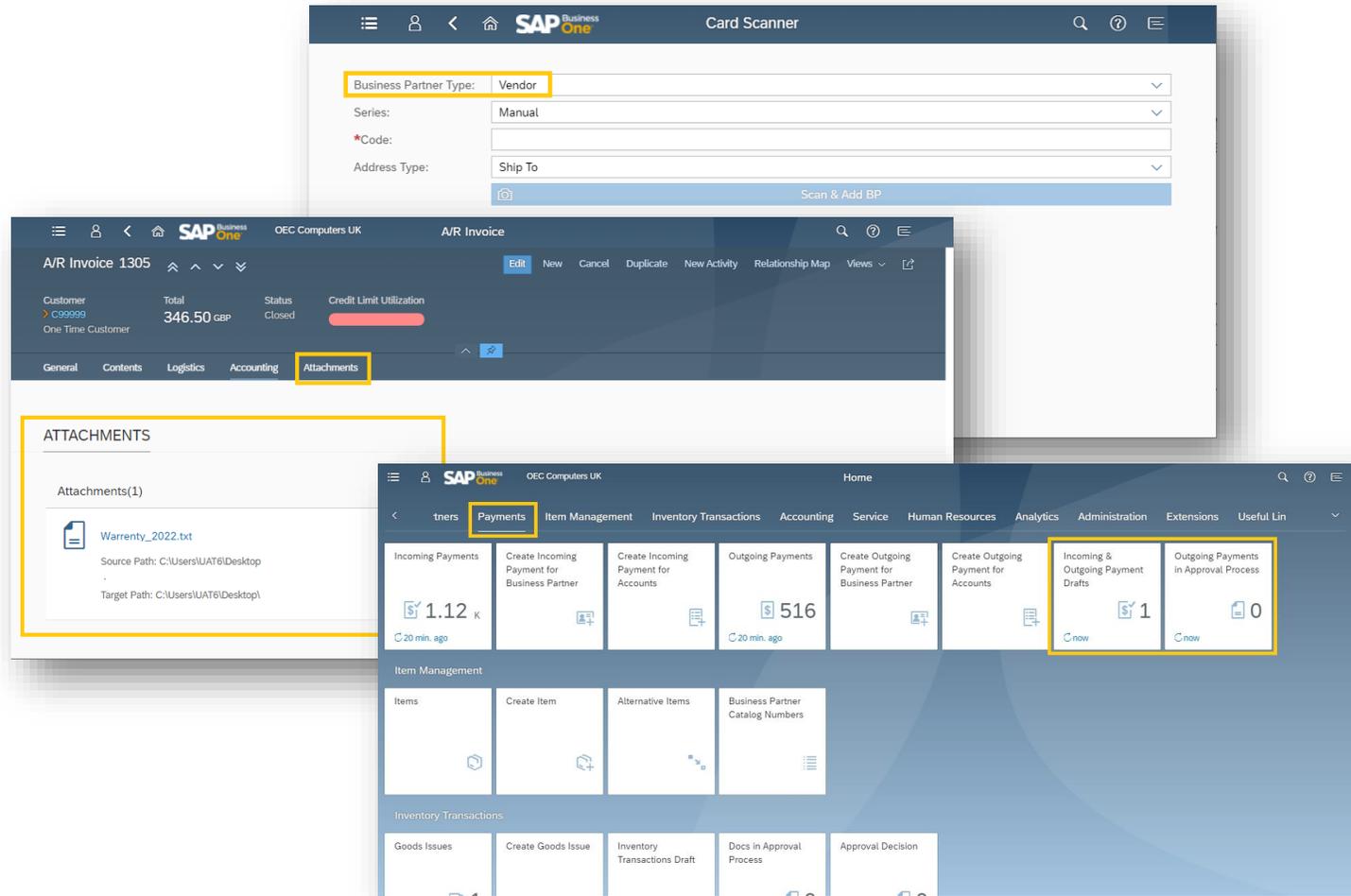
- Support displaying KPIs on extension tiles
- Support MS Blazor by VSCode Template Wizard
- Support APIs for new views
- Online help enhancements

**Web Client**

**FP2202 Update**

# Web Client - Enhance Delivered Objects

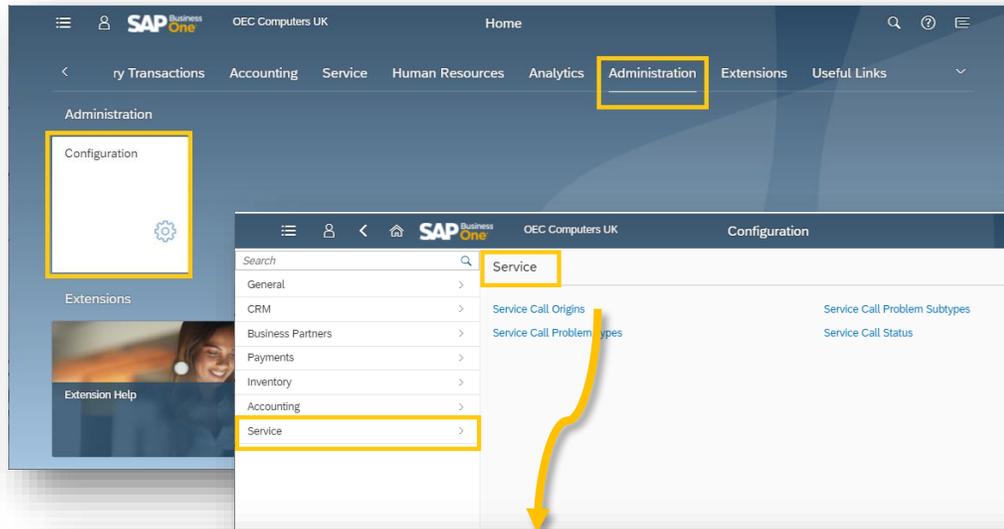
FP2202 Update



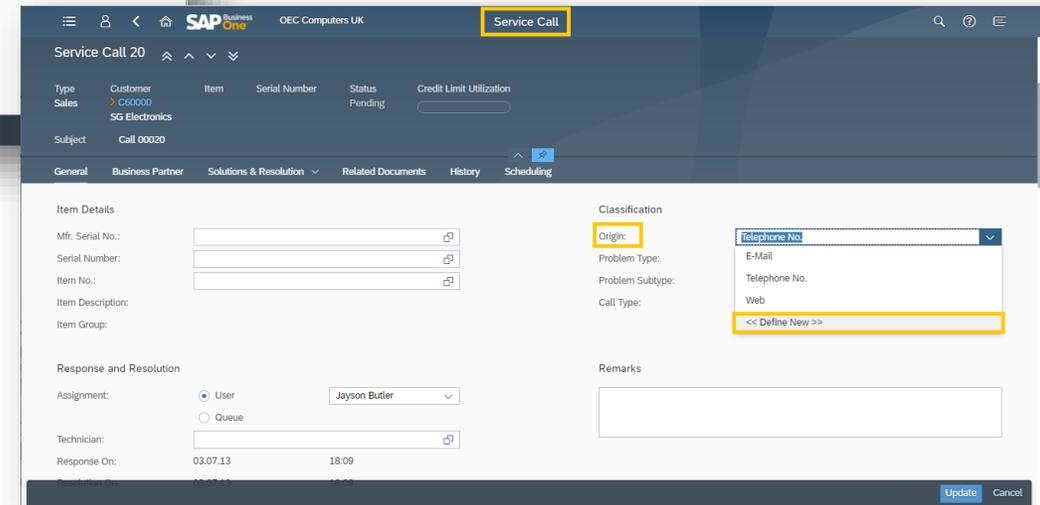
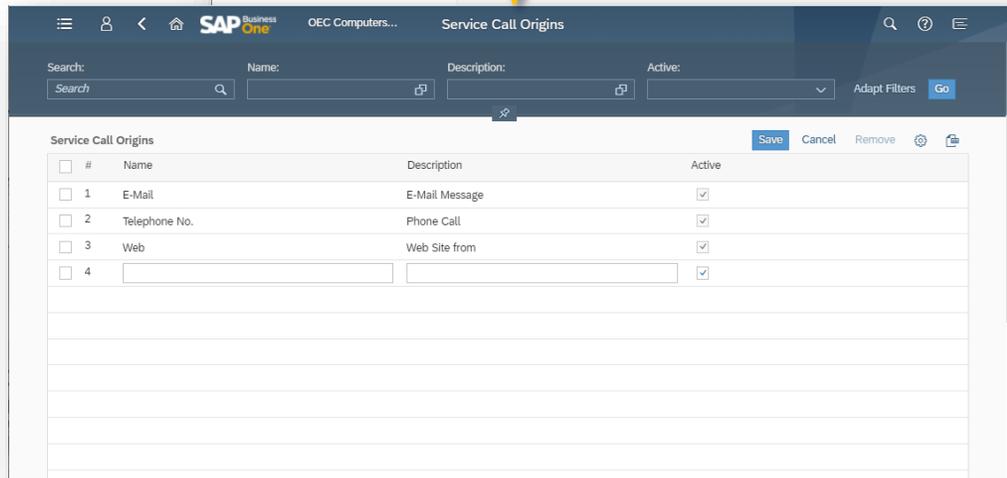
- Relationship Map is enhanced to support additional objects, e.g. Payments
- Attachment Management is added to marketing documents
- Support Bar Code
- Business Card scanning is available for vendors
- Incoming & Outgoing Payments are enhanced to support Bank Charges, Invoice + Payment, Checks and Credit Cards payment means, and payment drafts
- Notification Center is enhanced to push notifications for scheduled service calls according to service call's priority

# Web Client - Configuration App

FP2202 Update

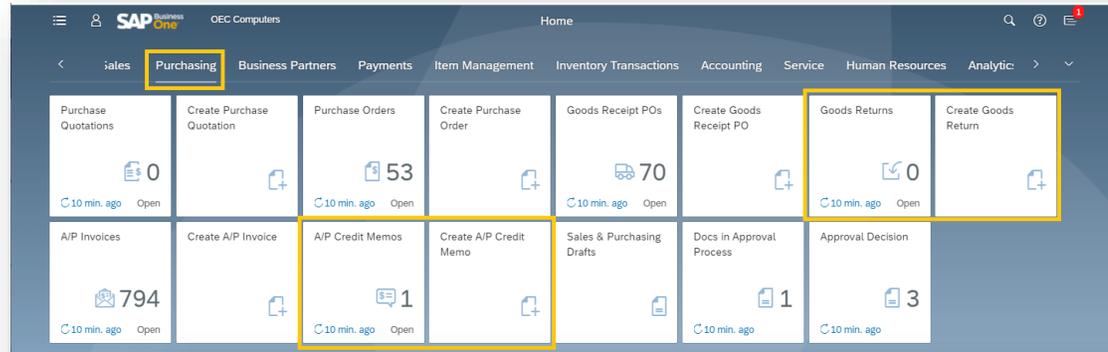


- The Configuration app is available under the Administration group, allowing authorized users to edit and define new values for part of the objects available in the Web Client
- The setup dialogs are grouped by modules, e.g. CRM, Business Partners, etc.
- The setup dialogs are also available from within the respective objects by choosing the option “Define New” in the relevant field

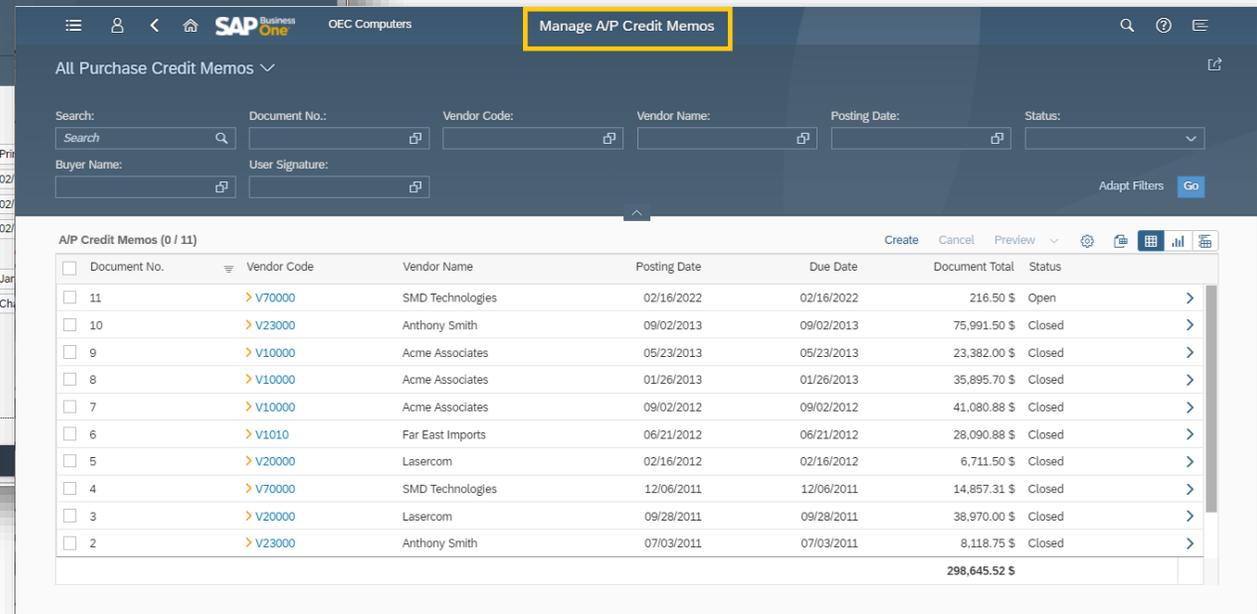
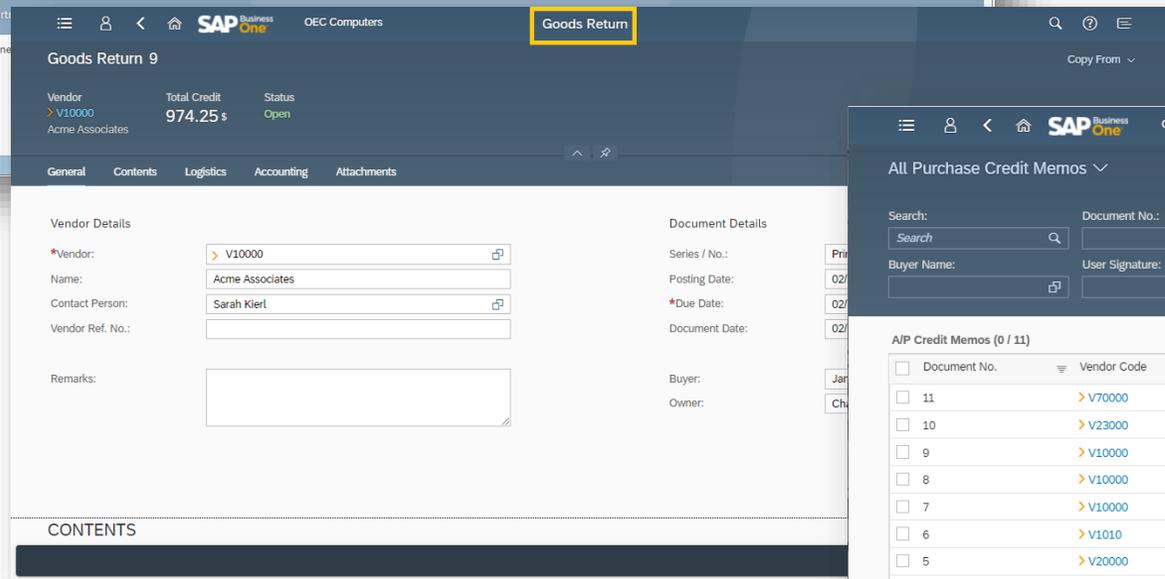


# Web Client - Support Goods Return & A/P Credit Memo

FP2202 Update



- The apps “Goods Returns” and “A/P Credit Memos” enable you to manage, process and create goods returns and A/P credit memos
- The apps “Create Goods Return” and “Create A/P Credit Memo” enable you to launch the respective document form in “Add” mode to efficiently create new documents



# Web Client - Support Alternative Items

FP2202 Update

The screenshot displays the SAP Business One 'Alternative Items' application. The main window shows a list of alternative items for a base item (A00001, J.B. Officeprint 1420). The table includes columns for Item No., Item Description, Alternative Item, Alternative Item Description, Match Factor, Available, In Stock, and Remarks. A dialog box titled 'Select Alternative Items' is overlaid on the main window, showing a table of alternative items for selection. The dialog box also includes fields for Item No. (A00001) and Warehouse (General Warehouse).

Item No.	Item Description	Alternative Item	Alternative Item Description	Match Factor	Available	In Stock	Remarks
> A00001	J.B. Officeprint 1420						
> A00002	J.B. Officeprint 1111			100.000	826	1.117	
> A00003	J.B. Officeprint 1186			90.000	1.143	1.271	
				100.000			
> A00004	Rainbow Color Printer ...						
> A00005	Rainbow Color Printer 7.5			100.000	1.048	1.297	
				100.000			
> C00001	Motherboard BTX						
> I00003	US						
> Z00001	Ta						

Item No.	Item Description	Available	In Stock	Match Factor	Additional Match	Total Me
> A00002	J.B. Officeprint 1111	777	1.068	100.000		100.
> A00003	J.B. Officeprint 1186	1.143	1.271	90.000		90.

- The Alternative Items app under Item Management group enables you to define, update, and remove alternative items
- When creating marketing documents for items, you can add to the table the Alternative Items column where you can open a dedicated dialog for choosing the required alternative item from the relevant warehouse

# Web Client - Support Goods Issue

FP2202 Update

The image displays three overlapping screenshots of the SAP Business One web client interface, illustrating the support for Goods Issues.

The top screenshot shows the 'Inventory Transactions' group in the navigation menu. The 'Goods Issues' and 'Create Goods Issue' apps are highlighted with a yellow box. The 'Goods Issues' app shows 7 items, and the 'Create Goods Issue' app shows a plus icon.

The middle screenshot shows the 'Manage Goods Issues' app. The search filters are: Search: Search, Document No.: [empty], Posting Date: [empty], User Signature: =CURRENT\_USER... Adapt Filters Go. The table below shows the list of Goods Issues:

Document No.	Posting Date
Document No.: 1	01/16/2022
Document No.: 2	02/16/2022
Document No.: 3	02/16/2022
Document No.: 12	02/20/2022
Document No.: 13	02/20/2022
Document No.: 14	02/20/2022

The bottom screenshot shows the 'Goods Issue' app details for 'Goods Issue 1'. The 'CONTENTS' section displays the following table:

#	Item No.	Item Description	Quantity	Info Price	Discount %	Info Price After Discount
	A00001	J.B. Officeprint 1420	2.000	500.00 \$	0.000 %	500.00 \$
	A00002	J.B. Officeprint 1111	1.000	200.00 \$	0.000 %	200.00 \$

- Under the Inventory Transactions group the Goods Issues and Create Goods Issue apps are available
- You can manage and process existing goods issues as well as creating new ones and manage goods issues drafts

# Web Client - Support Journal Entry

FP2202 Update

The screenshot displays the SAP Business One Web Client interface. The top navigation bar includes 'Accounting' and 'Manage Journal Entries'. The 'Accounting' module is highlighted, showing 'Journal Entries' and 'Create Journal Entry' apps. The 'Manage Journal Entries' app is open, displaying a list of journal entries with columns for Date, Origin, Origin No., User Signature, Account Code, Account Name, BPI/Account C..., BP Name, Debit, Credit, Remarks, and Project. A 'Reverse Journal Entries' view is selected in the 'My Views' dropdown.

Date	Origin	Origin No.	User Signature	Account Code	Account Name	BPI/Account C...	BP Name	Debit	Credit	Remarks	Project
02/22	Journal Entry	> 5604	Jayson Butler	> 11100000-01...	Cash on Hand ...	> 11100000-01...		500.00 \$	0.00 \$		
02/22	Journal Entry	> 5604	Jayson Butler	> 11200000-0...	Cash at Bank ...	> 11200000-0...		0.00 \$	500.00 \$		
02/22	Journal Entry	> 5603	Jayson Butler	> 11100000-01...	Cash on Hand ...	> 11100000-01...		0.00 \$	500.00 \$	(Reversal) - 56...	
02/18/2022	Journal Entry	> 5603	Jayson Butler	> 11200000-0...	Cash at Bank ...	> 11200000-0...		500.00 \$	0.00 \$	(Reversal) - 56...	
01/18/2022	Journal Entry	> 5602	Jayson Butler	> 11100000-01...	Cash on Hand ...	> 11100000-01...		500.00 \$	0.00 \$		
01/18/2022	Journal Entry	> 5602	Jayson Butler	> 11200000-0...	Cash at Bank ...	> 11200000-0...		0.00 \$	500.00 \$		
02/17/2022	Delivery	> 1162	Jayson Butler	> 13400000-0...	Inventory - Fini...	> 13400000-0...		0.00 \$	450.51 \$	Deliveries - C2...	
02/17/2022	Delivery	> 1162	Jayson Butler	> 51100000-0...	COGS - Dome...	> 51100000-0...		450.51 \$	0.00 \$	Deliveries - C2...	
02/16/2022	Goods Issue	> 3	Jayson Butler	> 52300000-0...	Gain/Loss Inve...	> 52300000-0...		2.18 \$	0.00 \$	Goods Issue	
02/16/2022	Goods Issue	> 3	Jayson Butler	> 13400000-0...	Inventory - Fini...	> 13400000-0...		0.00 \$	2.18 \$	Goods Issue	
02/16/2022	Goods Issue	> 2	Jayson Butler	> 13400000-0...	Inventory - Fini...	> 13400000-0...		0.00 \$	302.37 \$	Goods Issue	
02/16/2022	Goods Issue	> 2	Jayson Butler	> 52300000-0...	Gain/Loss Inve...	> 52300000-0...		302.37 \$	0.00 \$	Goods Issue	
02/16/2022	A/P Credit Memo	> 11	Jayson Butler	> 21100000-0...	Accounts Paya...	> V70000	SMD Technolo...	216.50 \$	0.00 \$	A/P Credit Me...	

- The Journal Entries and Create Journal Entry apps are added under the Accounting module, allowing you to manage, process, and manually create journal entries.
- In the Journal Entries app you may find a pre-defined view for displaying the reverse transactions set for today's date

# Web Client - Support Equipment Card

FP2202 Update

The screenshot displays the SAP Web Client interface. The top navigation bar includes 'Service', which is highlighted. Below it, the 'Equipment Cards' app is visible in the dashboard. A second window shows the 'Manage Equipment Cards' app, featuring a search bar and a table of active equipment cards. A third window shows the 'Equipment Card' details for item 235, including fields for Mfr. Serial Number, Business Partner Code, and Item Description.

Business Partner Code	Business Partner Name	Item No.	Item Description	Serial Number	Status
> C60000	SG ElectronicsNN	> S10000	Server Point 10000	S1-000185	Active
> C60000	SG ElectronicsNN				
> C60000	SG ElectronicsNN				
> C60000	SG ElectronicsNN				
> C60000	SG ElectronicsNN				
> C60000	SG ElectronicsNN				
> C60000	SG ElectronicsNN				
> C60000	SG ElectronicsNN				
> C60000	SG ElectronicsNN				

Item Details		Equipment Card Details	
Mfr. Serial Number:		Status:	Active
*Serial Number:	S1-000182	Previous Serial Number:	
*Item Code:	> S10000	New Serial Number:	
Item Description:	Server Point 10000		

Business Partner Details	
Business Partner Code:	> C60000
Business Partner Name:	SG Electronics
Contact Person:	
Telephone No.:	555-0130
Technician:	
Territory:	

- Equipment Cards and Create Equipment Card apps are added under the Service module, enabling you to manage, and create equipment cards
- Predefined views provide you out of the box the list of active equipment cards and list of all equipment cards in the company database

# Web Client - Support Approval Process for Approvers

FP2202 Update

The screenshot displays the SAP Business One Web Client interface. The top navigation bar includes the SAP logo, user profile, and company name 'OEC Computers UK'. The main menu shows various document groups: A/R Credit Memos, Sales, Purchasing, Business Partners, Payments, Item Management, Inventory Transactions, and Accounting. The 'Approval Decision' app is highlighted in a yellow box, showing a notification for 'Waiting for your approval: sales order' requested by Brad Thompson. Below this, the 'Manage Approval Decision' app is also highlighted, showing a list of pending requests for approval.

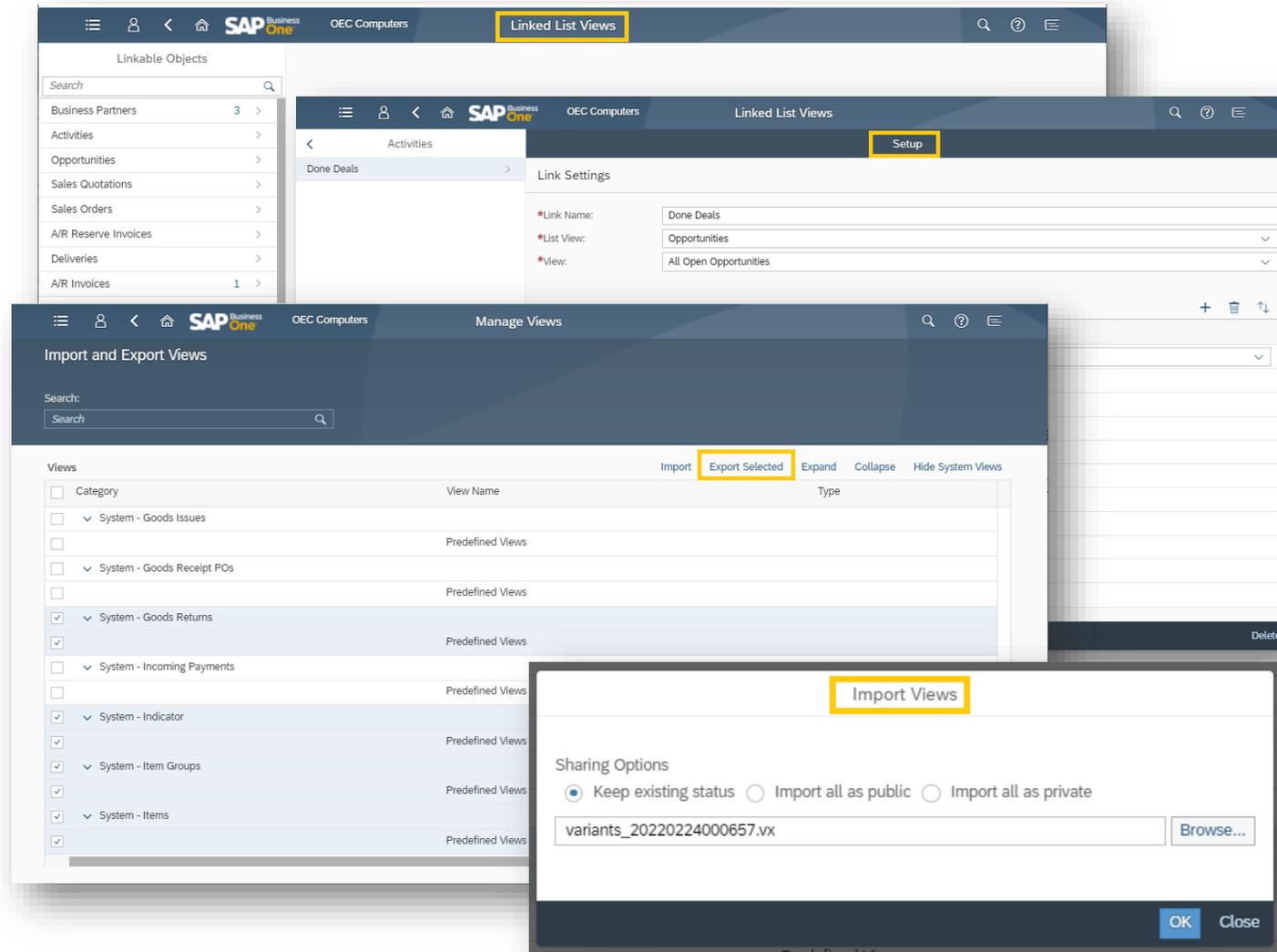
My Pending Requests for Approval \*  
Search: [Search] Template: [ ] Originator: [ ] Request Date: [ ] Decision: Pending [v] Authorizer: [ ]  
Adapt Filters [Go]

Draft No.	Document Type	Temporary Doc. No.	Document Entry	Originator	Stage	Decision	Authorizer Remarks
45	A/R Invoice	1056		Brad Thompson	order	Pending	>
44	Sales Order	1191		Brad Thompson	order	Pending	>
39	A/P Credit Memo	13		James Chan	Docs	Pending	>
37	Goods Return	10		James Chan	Docs	Pending	>
31	Delivery	1165		James Chan	Docs	Pending	>
26	Sales Order	1186		test	order	Pending	>
16	Goods Issue	5		test	Inventory	Pending	>

- The Approval Decision app is added to the various document groups, allowing authorizers to review the documents pending for approval, approve, reject, or directly add them
- The notification center is enhanced to display notifications of approval requests

# Web Client - Analytics Enhancements

FP2202 Update



- The Linked List Views app enables you to link views from all List Views and General Overview views to all Master Data and Document objects, by setting additional filter conditions
- The Import and Export Views app enables to export & import user-defined views, pre-defined views, links to view and User-Defined Queries, to and from any company database
- The User-Defined Queries app is enhanced to support inclusion of SQL views and HANA calculation views within a SQL statement in addition to choose from list ability from list of SQL commands, database tables, SQL Views and HANA Calculation Views
- With FP 2202 you can duplicate selected user-defined query for more efficient query creation process

# Web Client - Extensibility Enhancements

FP2202 Update

The image shows two screenshots from SAP Business One. The top screenshot is the 'User-Defined Tables - Setup' dialog box, which contains a table with the following data:

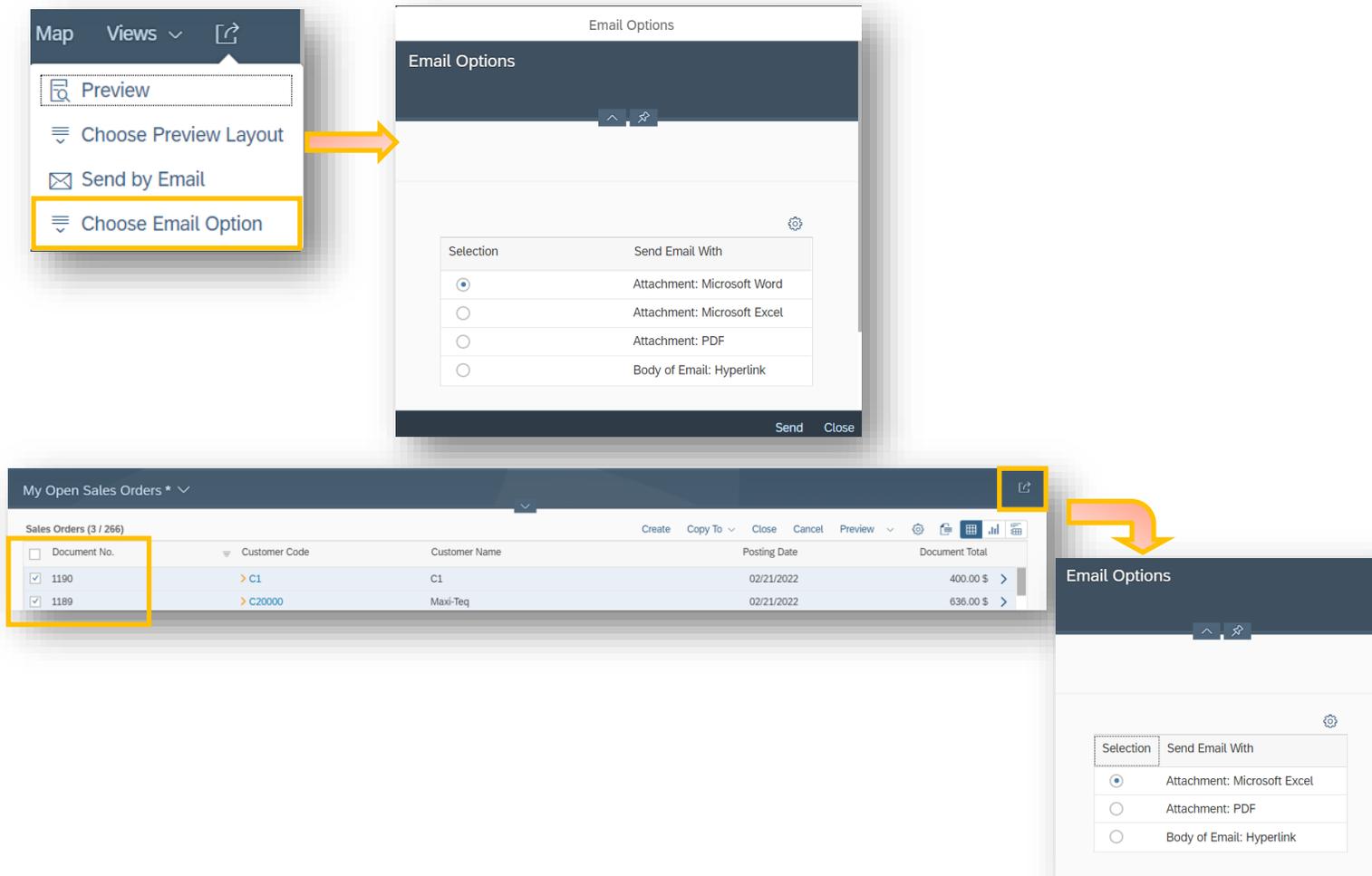
#	Table Name	Description	Object Type	Archivable	Archive Date	Display Menu
1	MYBPS	My BPs	No Object	<input type="checkbox"/>		<input checked="" type="checkbox"/>
2	MYDOCS	My Docs	No Object	<input type="checkbox"/>		<input checked="" type="checkbox"/>
3	MYITMS	My Items	No Object	<input type="checkbox"/>		<input checked="" type="checkbox"/>
4			No Object	<input type="checkbox"/>		<input checked="" type="checkbox"/>

The bottom screenshot shows the SAP Business One Web Client interface. The 'User-Defined Tables' menu item is highlighted in the top navigation bar. Below it, three tiles are displayed: 'My BPs MYBPS', 'My Items MYITMS', and 'My Docs MYDOCS', each with a 'User-Defined Tables' icon. The 'User-Defined Tables' menu item in the left sidebar is also highlighted.

- The “Display Menu” column enables you to choose which user-defined tables should be displayed under the User-Defined Tables menu entry and home page group in the Web Client

# Web Client - Outlook 365 Integration Enhancements

FP2202 Update



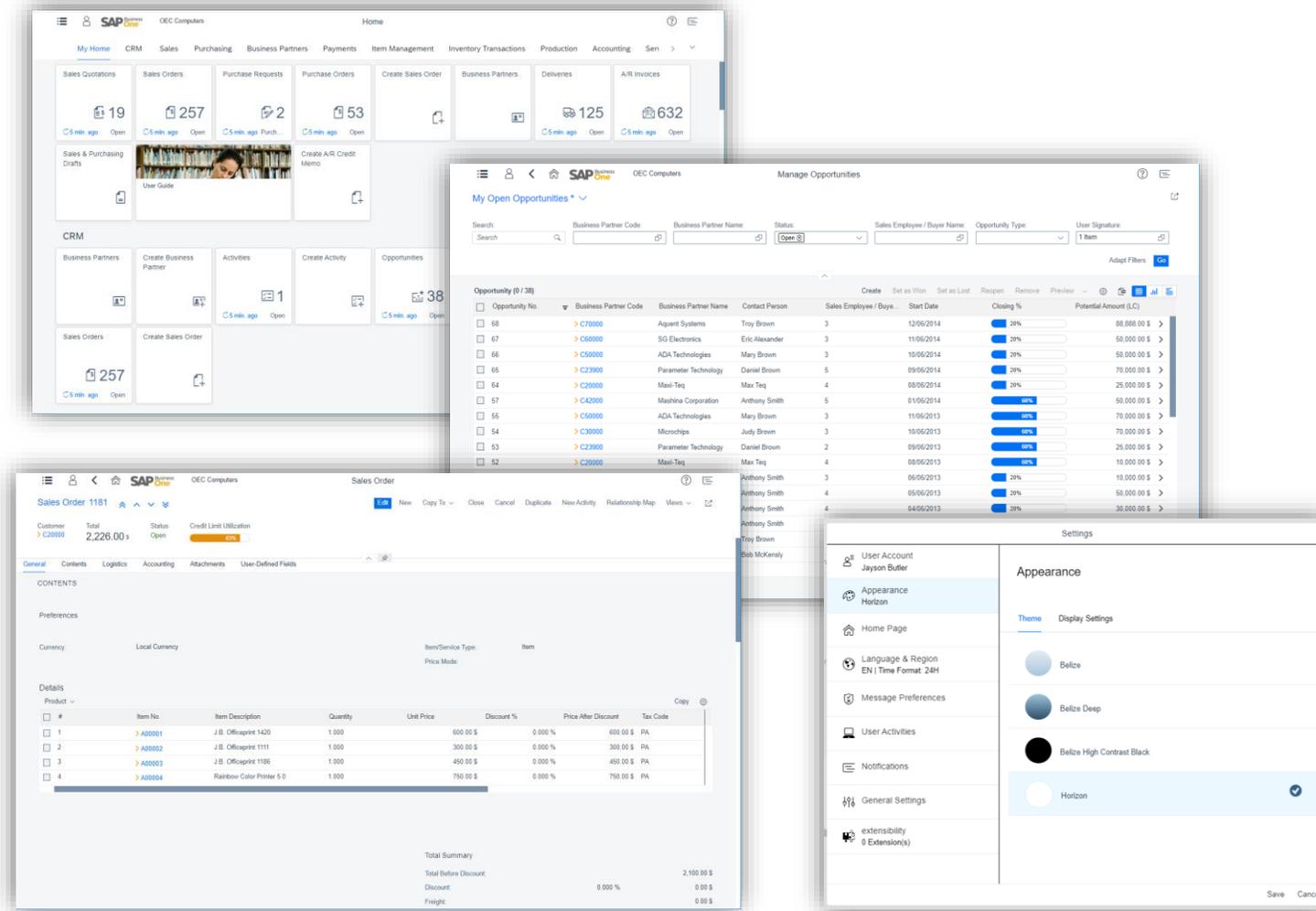
- Choose Email Option is added to the marketing documents detailed view: four options are added,
- Choose Email Option is added to the marketing documents View List: three options are added
- For the PDF attachment default CR Layout is used,
- E-mails Log and document status are updated when send mail to customer.
- SAP Notes: [3142946](#), [3143036](#), [3143073](#).

**Web Client**

**FP2208 Update**

# Web Client - New “Horizon” Skin

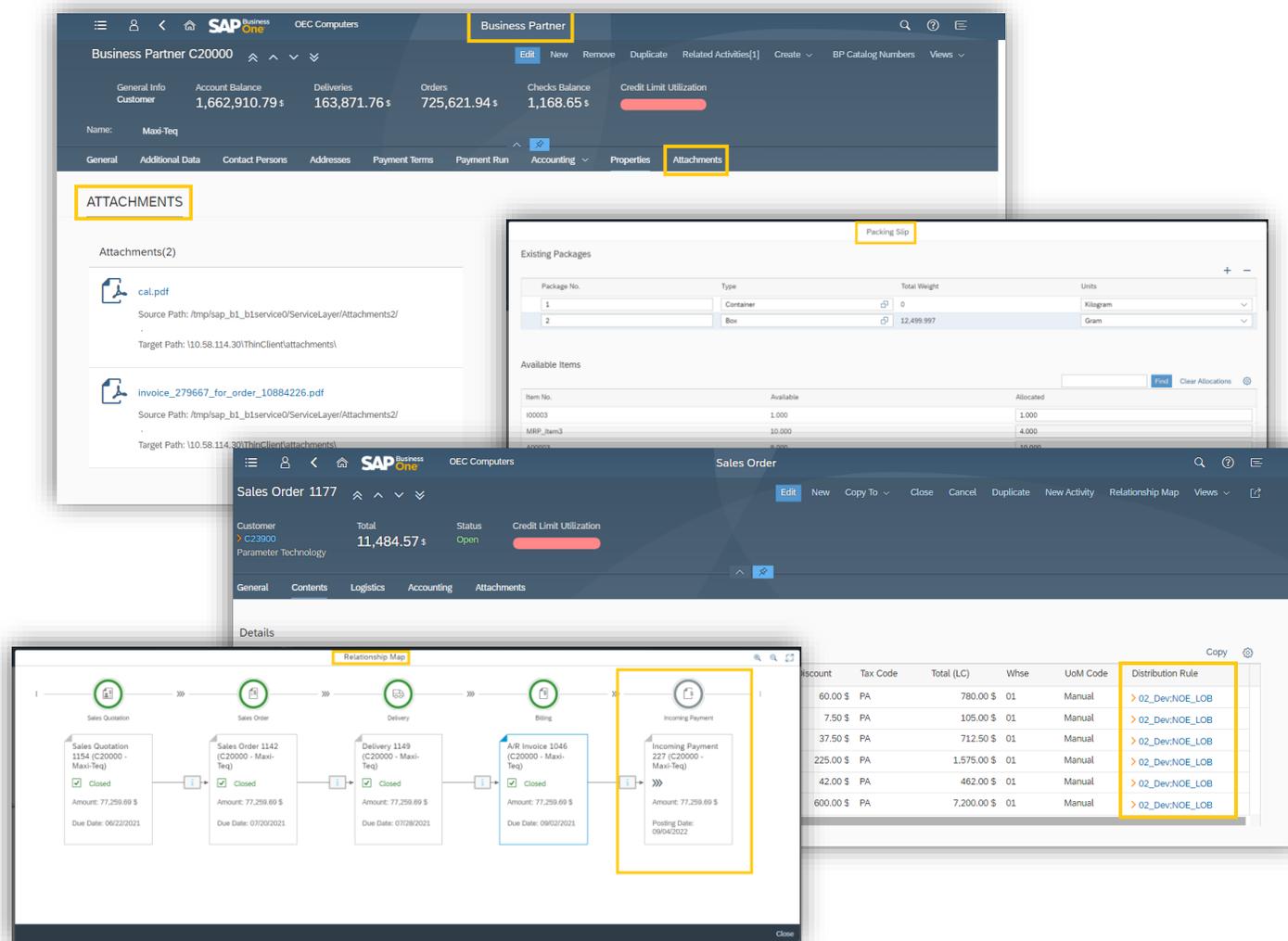
FP2208 Update



- New “Horizon” skin is available in the “Settings” dialog, under “Appearance”, on the “Theme” tab. The new skin in the Web Client adopts the color scheme and tile style of the Horizon visual theme for SAP Fiori

# Web Client - Enhance Delivered Objects

FP2208 Update



- You can add, update, view, and preview packing slips in deliveries and A/R invoices
- You can assign and view distribution rules for cost centers in sales and purchasing document lines
- The relationship map is enhanced to display payments and documents created via the Procurement Confirmation Wizard
- Attachments tab in Business Partner Master Data supports display, remove and adding attachments, also by Drag & Drop
- Purchase Requests, Goods Return Requests, Goods Receipts, and Outgoing Payments are supported by the “Approval Decisions” apps in the respective groups
- A new Email option enables you to send by mail up to 20 selected records

# Web Client - Support Return Request

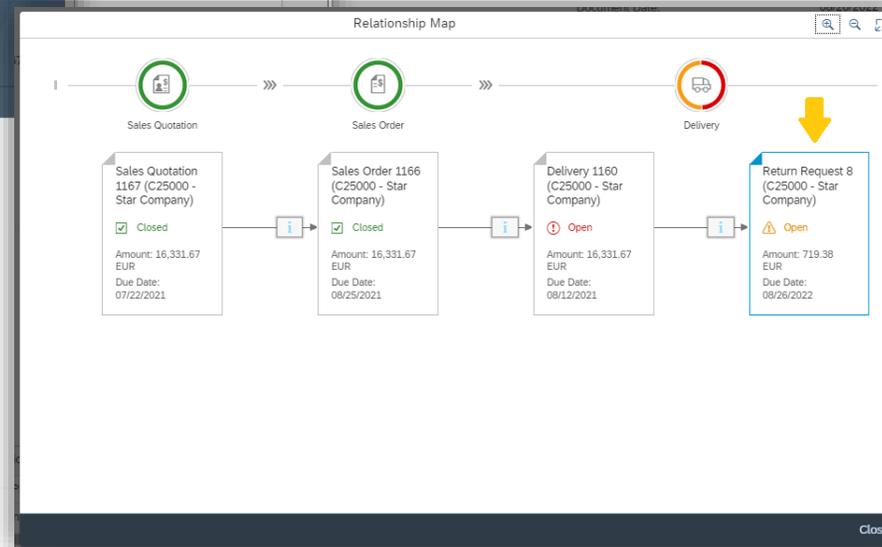
FP2208 Update

The screenshot shows the SAP Business One interface for 'Manage Return Requests'. The top navigation bar includes the SAP logo, 'OEC Computers', and the 'Manage Return Requests' title. Below the navigation bar is a search area with fields for 'Document No.', 'Customer Code', 'Customer Name', and 'Status'. A table titled 'Return Requests (2 / 6)' displays the following data:

Document No.	Customer Code	Customer Name	Customer Ref. No.	Posting Date	Delivery Date	Document Total	Status
6	C50000	ADA Technologies		08/24/2022	08/24/2022	662.50 \$	Open
5	C50000	ADA Technologies		08/24/2022	08/24/2022	662.50 \$	Open
4	C50000	ADA Technologies		08/24/2022	08/24/2022	662.50 \$	Open
3						3 \$	Open
2						3 \$	Open
1						3 \$	Open

Below the table, a detailed view for 'Return Request 5' is shown. It includes a summary with 'Customer: C50000 ADA Technologies', 'Total: 477.78 EUR', and 'Status: Open'. The 'General' tab is active, showing 'Customer Details' (Contact Person: Mary Brown, Customer Ref. No.: ADA Technologies) and 'Document Details' (Series / No.: Primary, Posting Date: 08/24/2022, \*Return Date: 08/24/2022, Document Date: 08/24/2022). Remarks include: 'Based On Sales Quotations 716. Based On Sales Orders 947. Based On Deliveries 984. Based On A/R Invoices 906.' and 'Sales Employee: Bill Levine, Owner: Levine, Bill'.

- “Return Requests” app and “Create Return Request” app are available in the “Sales” group, supporting the creation, processing, review and analysis of return request documents, as well as viewing the respective relationship map



# Web Client - Support Purchase Request

FP2208 Update

The screenshot displays the SAP Business One Web Client interface for managing purchase requests. The top navigation bar includes the SAP logo, user information (OEC Computers), and the 'Manage Purchase Requests' tab. Below the navigation bar, there is a search area with fields for 'Search', 'PRQ No.', 'Valid Until Date', 'Status', and 'User Signature'. A table titled 'Purchase Request (2 / 7)' lists several requests with columns for PRQ No., Posting Date, Valid Until Date, and Status. A 'Purchase Request 5' detail window is open, showing 'Total Payment Due: 7,469.25 \$', 'Status: Canceled', and 'Approval Status: Approved'. Below this, there are tabs for 'General', 'Contents', and 'Attachments'. A 'Vendor Details' section is also visible. In the foreground, a 'Relationship Map' diagram shows a flow from 'Purchase Request 4' to 'Purchase Order 410', then to 'Goods Receipt PO 439', and finally to 'A/P Invoice 442'. Each document in the map includes its status (Closed) and due date. To the right, a 'Document Details' form for 'Purchase Request 5' is shown, with fields for 'Series / No.', 'Posting Date', 'Valid Until', 'Document Date', 'Required Date', 'Owner', 'Requester', 'Requester Name', 'Branch', 'Department', and 'Email Address'. The 'Requester' field is populated with 'User: manager' and 'Requester Name: Jayson Butler'. The 'Email Address' field is 'jason.butler@oec.com'. 'Update' and 'Cancel' buttons are at the bottom right of the details form.

- “Purchase Requests” app and “Create Purchase Request” app are available in the “Purchasing” group, supporting the creation, processing, review and analysis of purchase requests, as well as viewing the respective relationship map

# Web Client - Support Goods Return Request

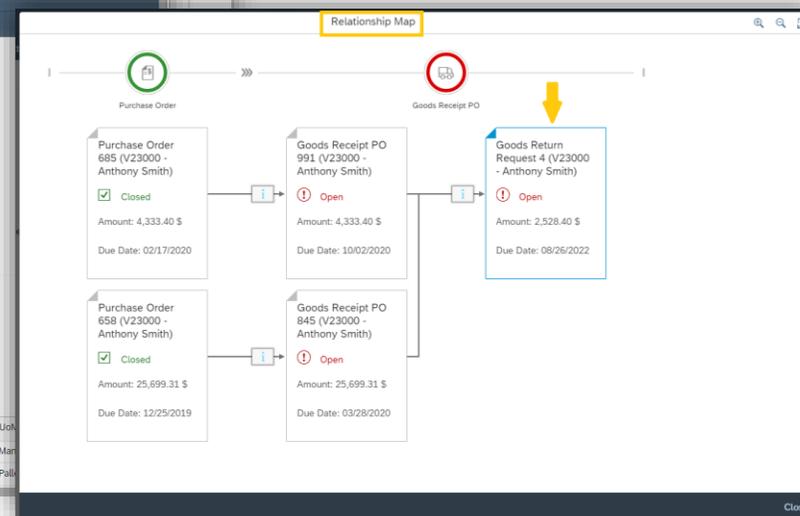
FP2208 Update

The screenshot shows the SAP Business One interface for managing goods return requests. The top navigation bar includes 'Manage Goods Return Requests'. Below it is a search filter section with fields for Document No., Vendor Code, Vendor Name, Due Date, and User Signature. A table lists several goods return requests, with request 4 selected. The detailed view for 'Goods Return Request 4' shows vendor details (V23000 - Anthony Smith), document details (Series/No. Primary, Posting Date 08/26/2022, Return Date 08/26/2022), and a contents table with two items: SDHC 64 GB CLASS 10 (15,000 units) and Printer Paper A4 White (8,000 units).

Document No.	Vendor Code	Vendor Name	Vendor Ref. No.	Posting Date	Due Date	Document Total	Status
5	V50000	Lumarx		08/26/2022	08/26/2022	1,169.10 \$	Open
4	V23000	Anthony Smith		08/26/2022	08/26/2022	2,528.40 \$	Open
3							
2							
1							

#	Item No.	Item Description	Quantity	Price After Discount	Tax Code	Total (LC)	Whse	UoM
1	100013	SDHC 64 GB CLASS 10	15,000	30.00 \$		450.00 \$	05	Mar
2	R00001	Printer Paper A4 White	8,000	240.00 \$	NY	1,920.00 \$	01	Fal

- “Goods Return Requests” app and “Create Goods Return Request” app are available in the “Purchasing” group, supporting the creation, processing, review and analysis of goods return requests, as well as viewing the respective relationship map



# Web Client - Support A/P Reserve Invoice

FP2208 Update

The image displays two overlapping screenshots from the SAP Business One Web Client. The top screenshot shows the 'Manage A/P Reserve Invoices' interface, which includes a search bar with fields for Document No., Vendor Code, Vendor Name, Posting Date, and Status. Below the search bar is a table of A/P Reserve Invoices with columns for Document No., Vendor Code, Vendor Name, Posting Date, Due Date, Document Total, and Status. The bottom screenshot shows the 'A/P Reserve Invoice' details for invoice 1168. It includes a 'Vendor' section with 'SMD Technologies' and a 'Total Payment Due' of 606.20 \$. Below this is a 'Details' table listing items with columns for Item No., Item Description, Country/R..., Quantity, Price After Discount, and Tax Code. A 'Total Summary' section at the bottom right provides a breakdown of the invoice total, including 'Total Before Discount', 'Discount', 'Total Down Payment', 'Freight', 'Rounding', 'Tax', 'Total Payment Due', 'Applied Amount', and 'Balance Due'.

Document No.	Vendor Code	Vendor Name	Posting Date	Due Date	Document Total	Status
1169	V22000	Ocean Computers				
1168	V70000	SMD Technologies				
1167	V22000	Ocean Computers				
1166	V10000	Acme Associates				
1165	V10000	Acme Associates				

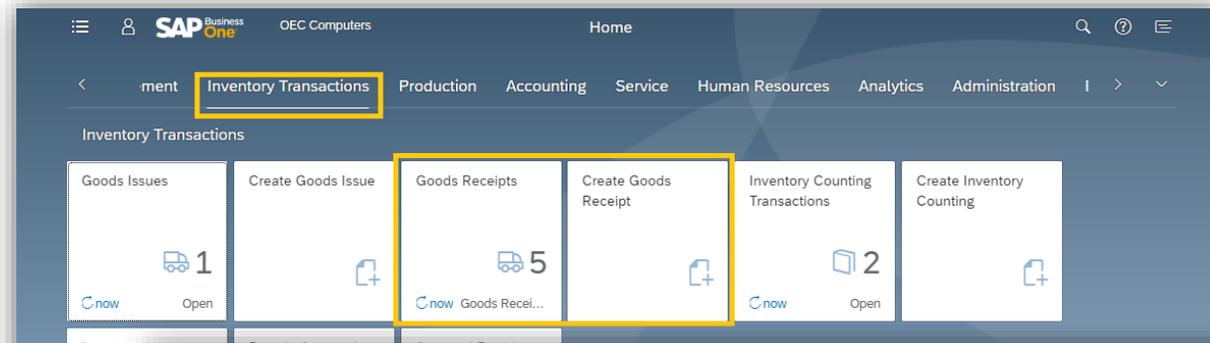
#	Item No.	Item Description	Country/R...	Quantity	Price After Discount	Tax Code
1	A00001	J.B. Officeprint 1420		1.000	200.00 \$	NY
2	A00002	J.B. Officeprint 1111		1.000	100.00 \$	NY
3	A00004	Rainbow Color Printer 5.0		1.000	250.00 \$	NY
4	C00010	Mouse USB		1.000	10.00 \$	NY

Total Summary			
Total Before Discount:			560.00 \$
Discount:	0.000 %		0.00 \$
Total Down Payment:	>		0.00 \$
Freight:			0.00 \$
Rounding:	<input type="checkbox"/>		0.00 \$
Tax:			46.20 \$
Total Payment Due :			606.20 \$
Applied Amount:			0.00 \$
Balance Due:			606.20 \$

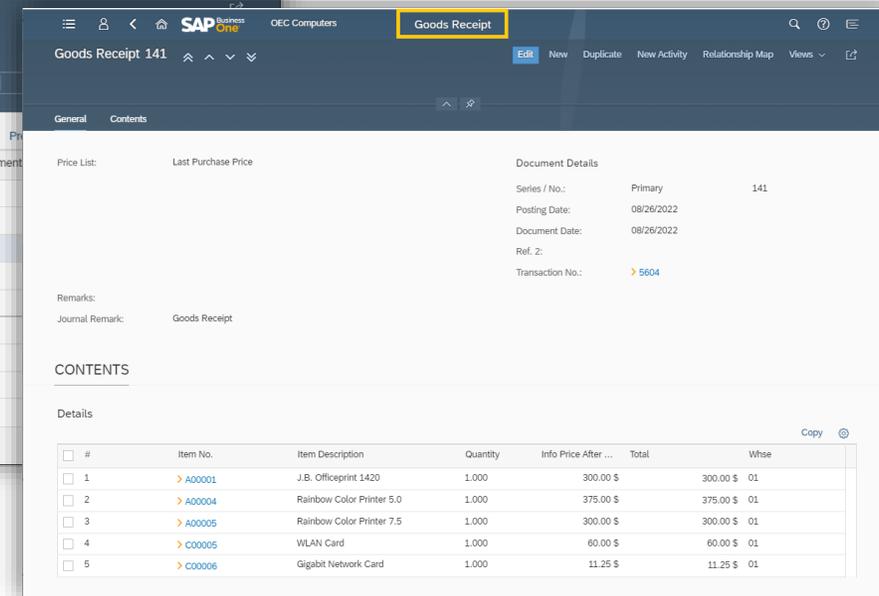
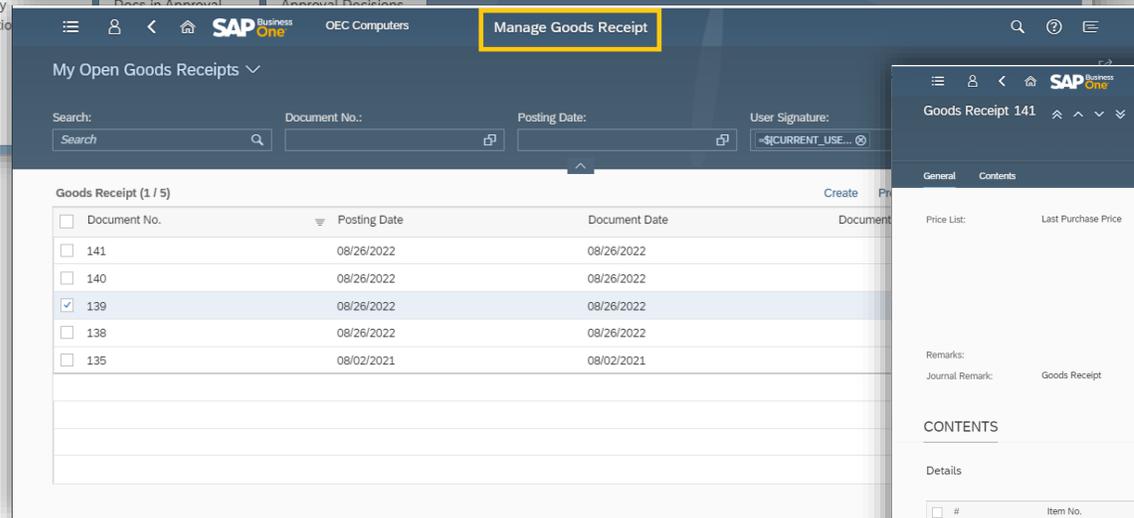
- “A/P Reserve Invoices” app and “Create A/P Reserve Invoice” app are available in the “Purchasing” group, supporting the creation, processing, review and analysis of A/P reserve invoices, as well as viewing the respective relationship map

# Web Client - Support Goods Receipt

FP2208 Update



- “Goods Receipts” app and “Create Goods Receipt” app are available in the “Inventory Transactions” group, supporting the creation, processing, review and analysis of goods receipts, as well as viewing the respective relationship map



# Web Client - Support Inventory Counting

FP2208 Update

The screenshot displays the SAP Business One Web Client interface. The top navigation bar includes 'Inventory Transactions', 'Production', 'Accounting', 'Service', 'Human Resources', 'Analytics', 'Administration', and 'Extensions'. The main area shows several app tiles, with 'Inventory Counting Transactions' and 'Create Inventory Counting' highlighted by a yellow box. Below this, the 'Inventory Counting' app is open, showing a form for creating a new counting transaction. The form includes fields for 'Count Date / Time', 'Counting Type', 'Inventory Counter', 'No.', 'Reference 2', 'End of Fiscal Year', and 'Remarks'. The 'COUNTING' section below the form displays a table with the following data:

#	Item No.	Item Description	Freeze	Warehouse	Bin Location	In-Whse Qty on Count ...	Counted
1	A00002	J.B. Officeprint 1111	<input type="checkbox"/>	02		50.000	<input checked="" type="checkbox"/>
2	A00003	J.B. Officeprint 1186	<input type="checkbox"/>	02		0.000	<input checked="" type="checkbox"/>
3	A00004	Rainbow Color Print...	<input type="checkbox"/>	01		1,124.000	<input checked="" type="checkbox"/>
4			<input type="checkbox"/>				<input type="checkbox"/>

- “Inventory Counting Transactions” app and “Create Inventory Counting” app are available under “Inventory Transactions” group, enabling you to review and close single or multiple inventory counting transactions as well as create and perform new inventory counting transactions by a single or multiple counters

# Web Client - Support Bill of Material

FP2208 Update

The screenshots illustrate the following features:

- Production Menu:** Access to 'Bills of Materials' (13) and 'Create Bill of Materials'.
- Manage Bills of Materials:** Search filters for BOM Type, Product Number, Product Description, Type (Lines), and No. (Lines). A table showing BOM items with columns: BOM Type, Product No., Quantity, Product Description, Line No. (Lines), Type (Lines), No. (Lines), Description (Lines), Group (Lines), and Quantity (Lines).
- Bill of Materials 100001 Details:** General information including BOM Type (Production), Product Number (100001), Quantity (1), Product Description (Blu-Ray Disc 10-Pack), and Production Std Cost (0.00 \$). The 'CONTENTS' table is shown below.
- Relationship Map:** A visual diagram showing the parent-child relationships between BOM items. The parent item 100001 (Blu-Ray Disc 10-Pack) is linked to child items A00001 (J.B. Officeprint 1420), 100001 (Blu-Ray Disc 10-Pack), A00002 (J.B. Officeprint 1111), and A00003 (J.B. Officeprint 1186).

#	Type	No.	Description	Quantity	Warehouse	Issue Method	Production Std Cost	Total Production Std Cost	Price List	Unit Price	Total
1	Item	A00001	J.B. Officeprint 1420	1	01	Backflush	0.00 \$	0.00 \$	Base Price	400.00 \$	400.00 \$
2	Item	A00002	J.B. Officeprint 1111	1	01	Backflush	0.00 \$	0.00 \$	Base Price	200.00 \$	200.00 \$
3	Item	A00003	J.B. Officeprint 1186	2	01	Backflush	0.00 \$	0.00 \$	Base Price	400.00 \$	800.00 \$

- “Bills of Materials” and “Create Bill of Materials” apps are available under the “Production” group, supporting the creation, processing, review and analysis of bills of materials, as well as viewing bill of materials relationship map in various visualizations

# Web Client - Support Issue for & Receipt from Production

FP2208 Update

The image displays three overlapping screenshots of the SAP Business One web client interface, illustrating the 'Production' group and its associated apps.

**Top Screenshot: Production Group Overview**  
The 'Production' group is highlighted in the navigation menu. Below it, several app tiles are visible, including 'Production Orders' (25), 'Receipts from Production' (136), 'Create Receipt from Production', 'Issues for Production' (2), and 'Create Issue for Production'. The 'Production Orders' and 'Receipts from Production' tiles are highlighted with a yellow dashed border.

**Middle Screenshot: Manage Receipts from Production**  
This screenshot shows the 'Manage Receipts from Production' app. It features a search bar with fields for 'Number', 'Posting Date', 'Production Order No. (Lines)', and 'Type (Lines)'. Below the search bar is a table listing receipts from production.

Number	Posting Date	Production Order No. (Lines)	Production Order Row No. (Lines)	Type (Lines)	Item No. (Lines)	Quantity (Lines)	Warehouse (Lines)
<input type="checkbox"/> 137	08/25/2022	> 158	5				
<input type="checkbox"/> 137	08/25/2022	> 158	4				
<input type="checkbox"/> 137	08/25/2022	> 158	3				
<input type="checkbox"/> 137	08/25/2022	> 158	2				
<input type="checkbox"/> 137	08/25/2022	> 158	1				
<input type="checkbox"/> 137	08/25/2022	> 155	1				
<input type="checkbox"/> 137	08/25/2022	> 157	1				
<input type="checkbox"/> 137	08/25/2022	> 156	1				
<input type="checkbox"/> 136	08/25/2022	> 156	1				
<input type="checkbox"/> 136	08/25/2022	> 157	1				
<input type="checkbox"/> 136	08/25/2022	> 155	1				
<input type="checkbox"/> 136	08/25/2022	> 158	1				
<input type="checkbox"/> 136	08/25/2022	> 158	2				
<input type="checkbox"/> 136	08/25/2022	> 158	3				
<input type="checkbox"/> 136	08/25/2022	> 158	4				
<input type="checkbox"/> 136	08/25/2022	> 158	5				
<input type="checkbox"/> 134	09/22/2014	> 140	1				

**Bottom Screenshot: Issue for Production**  
This screenshot shows the 'Issue for Production' app. The 'General' tab is active, displaying fields for 'Series / No.' (Primary 2), 'Posting Date' (08/25/2022), 'Remarks' (Based On Production Orders 158.), and 'Journal Remark' (Issue for Production). The 'Contents' section shows a table with details for the production order.

#	Production Order No.	Production Order Serie...	Production Order Row ...	Type	No.	Description	Quantity
<input type="checkbox"/> 1	> 158		1	Item	> LM4029	LeMon 4029 Printer	1

- “Receipts from Production” and “Create Receipt from Production” apps, and “Issues for Production” and “Create Issue for Production” apps are available under the “Production” group, supporting the creation, processing, review and analysis of receipts from production and issues for production
- The app “Production Orders” is available under the “Production” group allowing you to view, filter and analyze existing production orders

# Web Client - Support Service Contract

FP2208 Update

The screenshot displays the SAP Business One Web Client interface. The top navigation bar includes 'Sales', 'Purchasing', 'Business Partners', 'Payments', 'Item Management', 'Inventory Transactions', 'Production', 'Accounting', 'Service', 'Human Resources', and 'Analytics'. The 'Service' menu is highlighted, showing options for 'Service Calls', 'Create Service Call', 'Equipment Cards', 'Create Equipment Card', 'Solutions Knowledge Base', 'Create Solution', 'Service Contracts', and 'Create Service Contract'. The 'Service Contracts' app is highlighted with a yellow box, showing a count of 20. Below this, the 'Manage Service Contracts' app is shown, featuring a search bar and a table of service contracts.

Contract No.	Business Partn...	Business Partn...	Status	Contract Type	Start Date	End Date	Renewal	Response Time	Resolution Time
20	C60000	SG Electronics	Approved	Serial Number	03/30/2012	12/31/2017	No	12 Hours	3 Days
19	C40000	Earthshaker Co...	Approved	Serial Number	03/21/2012	12/31/2017	No	12 Hours	3 Days
18	C40000	Earthshaker Co...	Approved	Serial Number	02/17/2012	12/31/2017	No	12 Hours	3 Days
17	C30000	Microchips	Approved	Serial Number	01/16/2012	12/31/2017	No	12 Hours	3 Days
16	C23900	Parameter Tec...	Approved	Serial Number	12/22/2011	12/31/2017	No	12 Hours	3 Days
15	C42000	Mashina Corpo...	Approved	Serial Number	12/10/2011	12/31/2017	No	2 Hours	1 Day
14	C60000	SG Electronics	Approved	Serial Number	11/08/2011	12/31/2017	No	12 Hours	3 Days
13	C50000	ADA Technolog...	Approved	Serial Number	09/25/2011	12/31/2017	No	12 Hours	3 Days
12	C20000	Maxi-Teq	Approved	Serial Number	09/05/2011	12/31/2017	No	12 Hours	3 Days
11	C42000	Mashina Corpo...	Approved	Serial Number	07/28/2011	12/31/2017	No	12 Hours	3 Days
10	C70000	Aquent Systems	Approved	Serial Number	07/15/2011	12/31/2017	No	2 Hours	1 Day

- The apps “Service Contracts” and “Create Service Contract” are available under the “Service” group, enabling you to review, create and approve single or multiple service contracts
- You can create new service contract manually or based on predefined template

# Web Client - Analytics Enhancements

FP2208 Update

The top screenshot shows the 'User-Defined Query' configuration screen. The 'Name' is 'Monthly Closed Tickets' and the 'SQL Statement' is: `1 SELECT t2."USER_CODE" as "User Code",t0."EndDate" as "End Date" FROM SCL6 t0 inner join OHEM t1 on t0."Technician" = t`. The 'Display as Tile on Home Page' checkbox is checked and highlighted with a yellow box.

The bottom screenshot shows the 'Sales Order 1184' details screen. The 'Views' dropdown menu is open, showing options: 'Manage' and 'Orders per BP'. The 'Add & View' button at the bottom is also highlighted with a yellow box.

- When creating or editing active user-defined queries, new setting enables you to display a tile that launches the query in the Analytics group on the Home page
- “Views” menu is now available in Edit and Create modes, enabling you to launch lined views, manage existing views and define new ones

# Web Client - Extensibility Enhancements

FP2208 Update

• Support API Views for all analytics views - possible to have a link from Tile Extension to any Analytics view

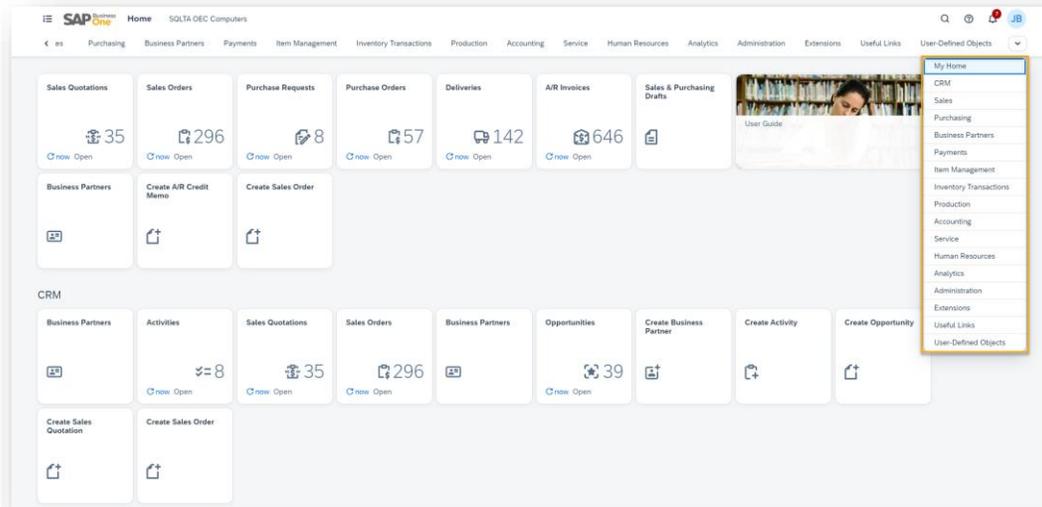
• Support User-Defined Field as a Check Box type for both desktop client & Web client

**Web Client**

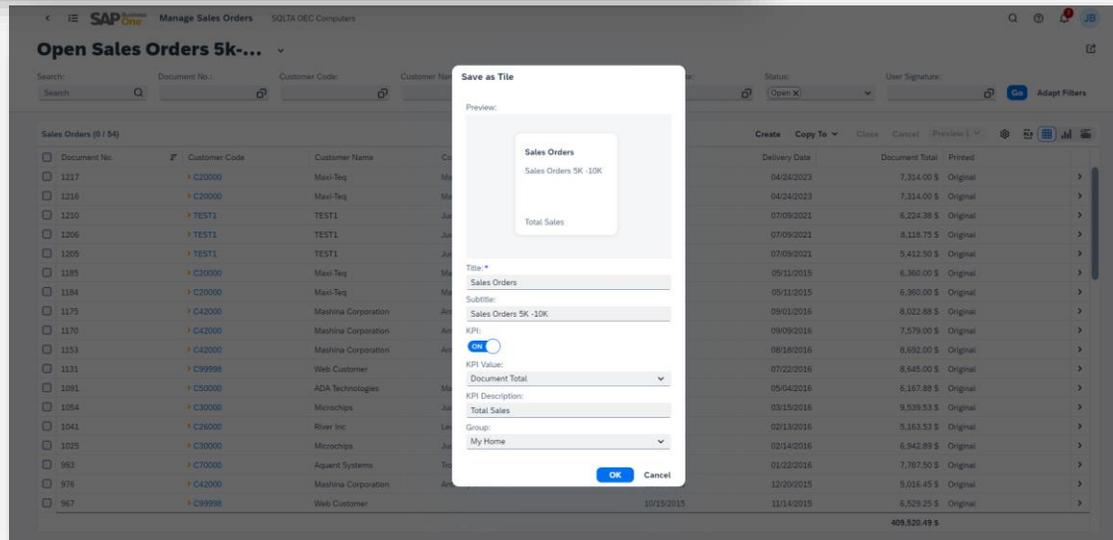
**FP2305 Update**

# Web Client - Usability Enhancements

FP2305 Update



- Display KPIs on saved tiles
- User actions menu
- Authorization to manage public linked list views



# Web Client - Enhance Delivered Objects

FP2305 Update

The screenshot shows the 'Inventory Counting 1' web client interface. The main area displays a table with columns for Item No., Item Description, Warehouse, In-Whse Qty on Count Date, Counted, Counted Qty, Variance, Distribution Rule, and UoM Code. The table contains 11 rows of data for various printer models.

#	Item No.	Item Description	Freeze	Warehouse	In-Whse Qty on Count Date	Counted	Counted Qty	Variance	Distribution Rule	UoM Code
1	A00001	J.B. Officeprint 1420		01	91.314.000		90.000.000	-1.314.000	01_Sales/NOE_LOB	Manual
2	A00003	J.B. Officeprint 1186		01	1.272.000		200.000	-1.072.000		Manual
3	A00006	Rainbow 1200 Laser Series		01	70.000		60.000	-10.000		Manual
4	B10000	Printer Label		01	900.000		900.000	0.000		Manual
5	A00004	Rainbow Color Printer 5.0		01	1.125.000		1.100.000	-25.000		Manual
6	I00008	Rainbow Nuance Ink 6-Pack...		01	1.033.000		1.033.000	0.000		Manual
7	I00009	SLR PrelecShot PK1500		01	1.332.000		1.332.000	0.000		Manual
8	I00010	SLR M-CAM 40C		01	1.261.000		1.261.000	0.000		Manual
9	LM4029APCD	LeMon 4029 Printer AC Po...		01	653.000		653.000	0.000		Manual
10	LM4029D	LeMon 4029 500 sheet pap...		01	713.000		713.000	0.000		Manual
11							0.000			

The screenshot shows the 'Scan Business Card' web client interface. It features a 'Scanning Options' section with two radio buttons: 'Create Business Partner' (selected) and 'Create Contact Person for Existing Business Partner' (highlighted with a red box). Below this are fields for 'Business Partner Type' (set to Customer), 'Series' (set to Manual), 'Code', and 'Address Type'. A 'Ship To' field is also present. A blue button labeled 'Scan & Add Business Partner' is at the bottom.

- Distribution rules in journal entries
- Add contact person to existing Business Partner's via card scanning
- Support predefined texts
- Office 365 enhancements
  - Share option in Activities and Return Requests
  - Allow to define new email groups
- Inventory counting enhancements
  - Close document and rows
  - Counting by multiple UoMs
  - Highlight rows and fields with variance percentage
  - Support user-defined field sorting and filtering in Inventory counting detailed view
  - Support distribution rules

# Web Client - Enhance Marketing Documents

FP2305 Update

The screenshot shows the SAP Sales Order 1217 interface. The top navigation bar includes 'Sales Order' and 'SQLTA OEC Computers'. The main header displays 'Sales Order 1217' and 'Open-Emailed' status. Below this, there are tabs for 'General', 'Contents', 'Logistics', 'Accounting', 'Attachments', and 'User-Defined Fields'. The 'Contents' tab is active, showing a table of items. The table has columns for Item No., Item Description, Item Details, Quantity, Unit Price, Discount %, Price After Discount, Tax Code, Total (LC), and Whse. The items listed are:

Item No.	Item Description	Item Details	Quantity	Unit Price	Discount %	Price After Disco...	Tax Code	Total (LC)	Whse
A00001	J.B. Officeprint 1420	High priority item	1.000	600.00 \$	0.000 %	600.00 \$	PA	600.00 \$	01
A00003	J.B. Officeprint 1186		3.000	450.00 \$	0.000 %	450.00 \$	PA	1,350.00 \$	01
Subtotal									1,950.00 \$
A00004	Rainbow Color Print...		2.000	750.00 \$	0.000 %	750.00 \$	PA	1,500.00 \$	01
Subtotal									1,500.00 \$
Subtotal									3,450.00 \$

A sidebar menu on the left shows a 'Type' dropdown with options: Text, Regular, Subtotal, and another Text, Regular, Subtotal, Regular. The 'Text' and 'Subtotal' options are highlighted with orange boxes.

- “Text” and “Subtotal” line types
- Support adding table rows
- Opening and closing remarks
- Adding Items details column with predefined texts
- Consolidating business partner details
- Support A/P reserve invoices in approval process, and drafts management
- Support linking paid down payment requests/invoices

The screenshot shows the SAP Sales Order 1217 interface, focusing on the summary and remarks sections. The top navigation bar includes 'Sales Order' and 'SQLTA OEC Computers'. The main header displays 'Sales Order 1217' and 'Open-Emailed' status. Below this, there are tabs for 'General', 'Contents', 'Logistics', 'Accounting', 'Attachments', and 'User-Defined Fields'. The 'Contents' tab is active, showing a summary of financials and remarks sections.

The summary section includes:

Total Before Discount	6,900.00 \$
Discount	0.00 \$
Freight	0.00 \$
Rounding	0.00 \$
Tax	414.00 \$
Total	7,314.00 \$

The remarks section includes:

**Opening Remarks**

Insert Predefined Text  
Give this Order VIP treatment

**Closing Remarks**

Insert Predefined Text  
Follow up on Invoicing the Order after one week

# Web Client - Analytics Enhancements

FP2305 Update

The screenshot shows the 'Setup' screen for 'Invoice Aging' in the 'Sales Orders' linked list view. The 'Link Settings' section includes fields for 'Link Name' (Invoice Aging), 'List View' (General Overview), 'View' (Invoice Aging), and 'Public' (YES). Below this is a table for 'Cards' with columns for 'Cards', 'Card Filter Fields', and 'Object Fields'. The table lists four card categories: '0 - 30 Days', '31 - 60 Days', '61 - 90 Days', and '91+ Days', each with 'Customer Name (CardName)' as the filter field and 'Customer/Vendor Name (CardName)' as the object field.

- Support read-only mode
- Link management enhancements in linked list views
- Creating conditional links for user-defined query fields

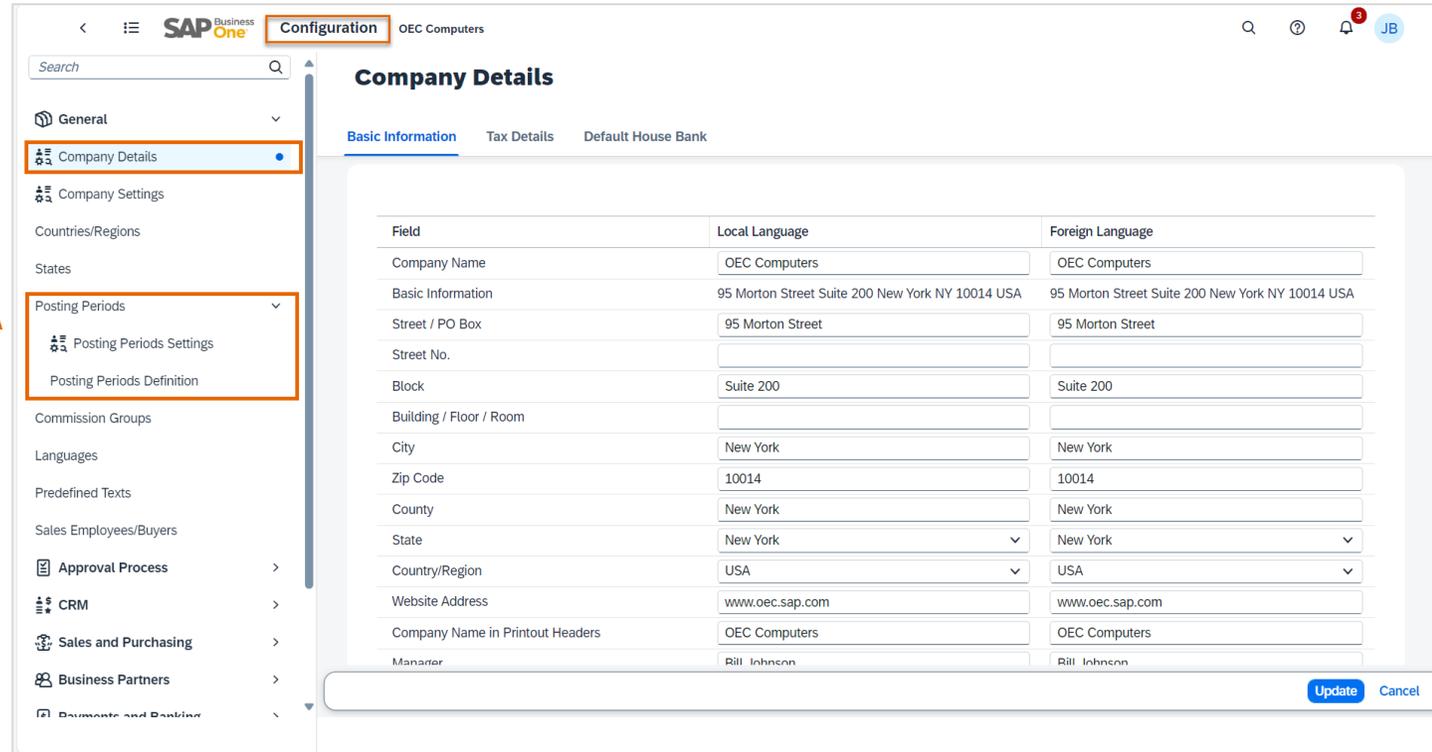
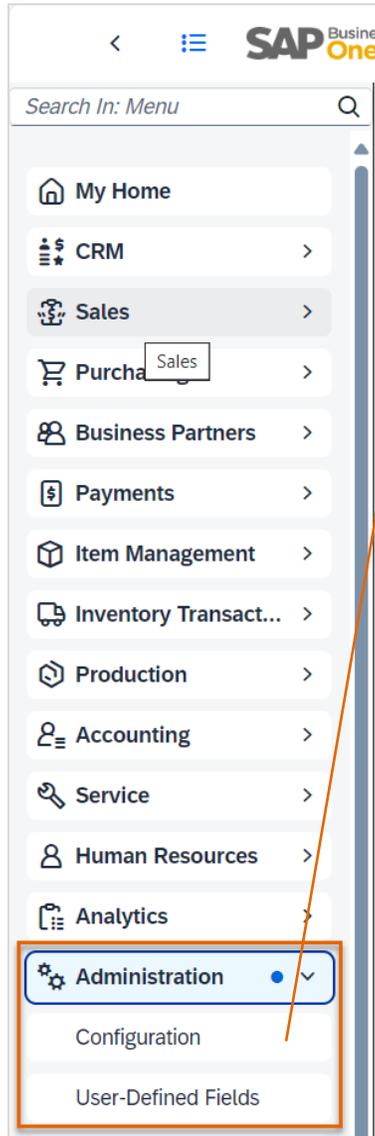
The screenshot shows the 'Authorizations' dialog box. It features a list of users on the left, including 'James - James Chan' which is highlighted. The main area is a table with columns for 'Subject', 'Authorization', and 'Effective Authorization'. The table lists various subjects like 'General', 'Customization Tools', 'Administration', etc., with their respective authorization levels. At the bottom, there are fields for 'Max. Discount - Sales', 'Max. Discount - Purchase', and 'Max. Discount - General', each with a value of 100,000. There are also buttons for 'Expand', 'Collapse', 'Full Authorization', 'Read Only', and 'No Authorization'. A checkbox labeled 'Launch Web Client in Read-Only Mode' is highlighted with a red box.

**Web Client**

**FP2405 Update**

# Web Client – Administration

FP2405 Update



## Configuration

- Extended setting and setup pattern
- Support for company details
- Manage posting period settings

# Web Client – Administration

FP2405 Update

The screenshot shows the SAP Business One Configuration page for 'OEC Computers'. The 'Configuration' tab is highlighted. The left sidebar contains a navigation menu with 'Item Groups' selected. The main content area displays 'All Item Groups' with a search bar and a table of item groups.

Item Group Name	Planning Method	Procurement Method
Accessories	MRP	Buy
Items	MRP	Buy
J.B. Printers	MRP	Buy
PC	MRP	Make
Rainbow Printers	MRP	Buy
Servers	MRP	Buy
Storage	None	Buy

## Configuration

- Initial setup support for system, inventory, and business partner
- SAP Business One Suggest

The screenshot shows the SAP Business One Settings page. The 'Appearance' section is highlighted, showing the 'Morning Horizon' theme. The 'SAP Business One Suggest' option is turned on.

**Settings**

- User Account: Jayson Butler
- Appearance**: Morning Horizon
- Home Page
- User Activities
- Language and Region: English
- Extensibility: 0 Extension(s)
- General Settings
- Message Preferences
- Notifications

**Appearance**

Theme: [Display Settings](#)

Optimized for Touch Input

*Increases the size and spacing of controls to allow you to interact with them more easily using your fingertip. This is useful for hybrid devices that combine touch and mouse events.*

SAP Business One Suggest

*Displays suggestions as you type in fields that have an option list, such as codes, names, and descriptions. Turning off this option can optimize rapid data entry when using keyboard shortcuts.*

[Save](#) [Cancel](#)

# Web Client – Administration

FP2405 Update

The screenshot displays the SAP Business One User-Defined Fields Management interface. The main window shows a list of 23 user-defined fields, with the 'Campaign' category expanded. A dialog box titled 'Edit User-Defined Field' is open, showing the configuration for a field named 'Campaign'. The dialog is divided into three sections: Basic Information, Data Type, and Validation. The 'Basic Information' section includes fields for Category (Master Data / Activities), Title (Campaign), and Description (Campaign\_type). The 'Data Type' section includes fields for Link to Entity (unchecked), Type (Alphanumeric), Structure (Regular), and Length (10). The 'Validation' section includes fields for Validation (None), Default Value (unchecked), and Mandatory (unchecked). The dialog has 'Update' and 'Cancel' buttons at the bottom right.

Category
Master Data
Activities
Agent Name
Bin Location
Blanket Agreement
Blanket Agreement
Blanket Agreement - Details
Blanket Agreement - Rows
Business Partners
Business Partners
Business Partners - Addresses
Contact Persons
Campaign
Campaign
Campaign - BPs
Campaign - Items
Campaign - Partners
Cargo Customs Declaration Numbers

**Configuration:**

User-Defined Fields Management:

- Create, delete, and edit

# Web Client - Inventory Transactions

FP2405 Update

**Goods Receipt 137**

General Contents

Price List: Last Purchase Price

Journal Remark: Goods Receipt

**Contents**

Details

Item No.	Item Description	Quantity	Batch/Serial Numbers	Bin Location Allocation	Bin Locations	Info Price	Discount %
> B10000	Printer Label	20.000	LB224461 x	20	05-A1-S1 x	0.75 \$	0.000 %
> A00006	Rainbow 1200 Laser Se...	30.000	30 Items	0		200.00 \$	0.000 %

**Create Batches and Assign Bin Locations**

Document Row: 1

Item No.: > B10000

Item Description: Printer Label

Warehouse Code: > 05

Quantity: 20

Allocated Total: 20

Display Quantities By: Document Row UoM

Batch	Bin Location	Quantity
LB224460	05-A1-S1-L1	20

Goods Issues and Goods Receipts Support:

- Batches, Serial Numbers, and Bin Locations

# Web Client - Inventory Counting Transactions

**Inventory Counting 6**

Count Date: 06/10/2024 | Time: 21:36 | Counting Type: Single Counter | Inventory Counter: Jayson Butler | Status: [Open](#)

Counting Type: Single Counter | Inventory Counter: User | Jayson Butler

**Counting**

#	Item No.	Item Description	Freeze	Warehouse	Bin Location	In-Warehouse Qty on Count Date	Counted	Counted Qty	Variance	Distribution Rule	UoM Code
1	A00006	Rainbow 1200 Laser Series	<input type="checkbox"/>	01		70.000	<input checked="" type="checkbox"/>	72.000	2.000	01_Sales	Manual
2	B10000	Printer Label	<input type="checkbox"/>	01		500.000	<input checked="" type="checkbox"/>	497.000	-3.000	02_Dev	Manual
3	A00006	Rainbow 1200 Laser Series	<input type="checkbox"/>	05	05-A1...	0.000	<input checked="" type="checkbox"/>	5.000	5.000	03_Supp	Manual
4			<input type="checkbox"/>				<input type="checkbox"/>	0.000			

**Serial Number Counting**

Document Row: 1 | Item No.: A00006 | Item Description: Rainbow 1200 Laser Series | Warehouse Code: 01

Counted Quantity: 72 | Total Selected: 72 | Display Available SNs: Count Date

Serial Number List:

- A6-000283
- A6-000284
- A6-000285
- A6-000286
- A6-000287
- A6-000288
- A6-000289
- A6-000290
- A6-000291
- A6-000292

**FP2405 Update**

Distribution Rule Table:

Distribution Rule	UoM Code
01_Sales	Manual
02_Dev	Manual
03_Supp	Manual

- Support:
- Batches and Serial Numbers
  - Attachments Tab
  - Distribution Rules

# Web Client - Sales, Purchasing and Service

FP2405 Update

Sales Quotation 1184

Customer: C20000 Maxi-Teq, Total: 2,226.00 \$, Status: Open

#	Type	Item No.	Item Description	Quantity	Unit Price	Discount %	Price After Discour
1	Regular	A00001	J.B. Officeprint 1420	1.000	600.00 \$	0.000 %	6
2	Regular	A00002	J.B. Officeprint 1111	1.000	300.00 \$	0.000 %	3
3	Regular	A00003	J.B. Officeprint 1186	1.000	450.00 \$	0.000 %	4
4	Regular	A00004	Rainbow Color Print...	1.000	750.00 \$	0.000 %	7
5	Alternative						

- Alternative Row Type in Sales Quotations
- Tax Code Checks in Marketing Documents

Activity 2

General | **Scheduling** | Linked Document | **Attachments**

Recurrence Information

Recurrence: None

Week, Day and Month:

Linked Document

Show Documents Related to the BP: Yes

Link Draft: No

Document Type: Sales Orders

Document No.: 1180

**Attachments**

Attachments(1) Add

SAP Business One Sales Tools.docx 41.2 KB

Attachments Tab in Activities

# Web Client - Sales, Purchasing and Service

FP2405 Update

- Support Batches, Serial Numbers, and Bin Locations in Document Rows

The screenshot displays the SAP Business One interface for a Goods Receipt PO (1244). The document is from vendor V20000 (Lasercor) with a total payment due of 8,992.88 \$ and an open status. The owner is Chan, James. The 'CONTENTS' section shows preferences for local currency and item/service type. The main table lists items with their respective quantities, prices, and tax codes. A detailed view of the table highlights the 'Batch/Serial Numbers', 'Bin Location Allocation', and 'Bin Locations' columns.

#	Item No.	Item Description	Quantity	Unit Price	Tax Code	Total (LC)	Whse	Batch/Serial Numbers	Bin Location Allocation	Bin Locations
1	> Batch Item	Batch Item	90.000	10.00 \$	NY	900.00 \$	01	B200001(9(x)	0	
2	> Batch Item	Batch Item	250.000	10.00 \$	NY	2,500.00 \$	01	2 Items	0	
3	> Batch Item	Batch Item	300.000	10.00 \$		3,000.00 \$	05	6 Items	300	6 Items
4	> Serial Item	Serial Item	10.000	15.00 \$	NY	150.00 \$	01	10 Items	0	
5	> Serial Item	Serial Item	10.000	15.00 \$		150.00 \$	05	10 Items	10	10 Items
6	> Regular Item	Regular Item	80.000	25.00 \$		2,000.00 \$	05		80	2 Items

# Web Client - Sales, Purchasing and Service

FP2405 Update

The screenshot displays the SAP Business One web client interface for Sales Order 1181. The header shows the order number and status (Open). Below the header, there are tabs for General, Contents, Logistics, Accounting, and Attachments. The main content area shows a table of items with columns for Item No., Item Description, Quantity, Blanket Agreement No., Unit Price, Discount %, Price After Discount, and Tax Code. A 'Copy To' dropdown menu is open, showing options: Delivery, A/R Invoice, and A/R Reserve Invoices. An orange arrow points from the 'Copy To' menu to the 'Blanket Agreement No.' column in the table.

<input type="checkbox"/>	Item No.	Item Description	Quantity	Blanket Agreement No.	Unit Price	Discount %	Price After Discount	Tax Code
<input checked="" type="checkbox"/>	> A00001	J.B. Officeprint 1420	1.000	12	600.00 \$	10.000 %	540.00 \$	PA
<input type="checkbox"/>	> A00002	J.B. Officeprint 1111	1.000	12	300.00 \$	2.000 %	294.00 \$	PA
<input checked="" type="checkbox"/>	> C00004	Tower Case with Power...	1.000	12	52.50 \$	2.000 %	51.45 \$	PA
<input checked="" type="checkbox"/>	> C00006	Gigabit Network Card	1.000	12	22.50 \$	0.000 %	22.50 \$	PA

- Managing Blanket Agreements in Marketing Documents
- Copying Lines in Marketing Documents to a Target Document

# Web Client - UI API Framework

FP2405 Update

## UIAPI Framework

- Ability to Customize Web Client Views
- Support UI Controls
- Support Events
- Samples & Online Help

## Develop using VSCode IDE

- Create a project in VSCode
- Select the relevant Views to extend
- Preview the relevant changes
- Debug
- Package and deploy using Extension Manager

# Web Client UI API Framework - Supported Controls FP2405

FP2405 Update

## UIAPI Controls

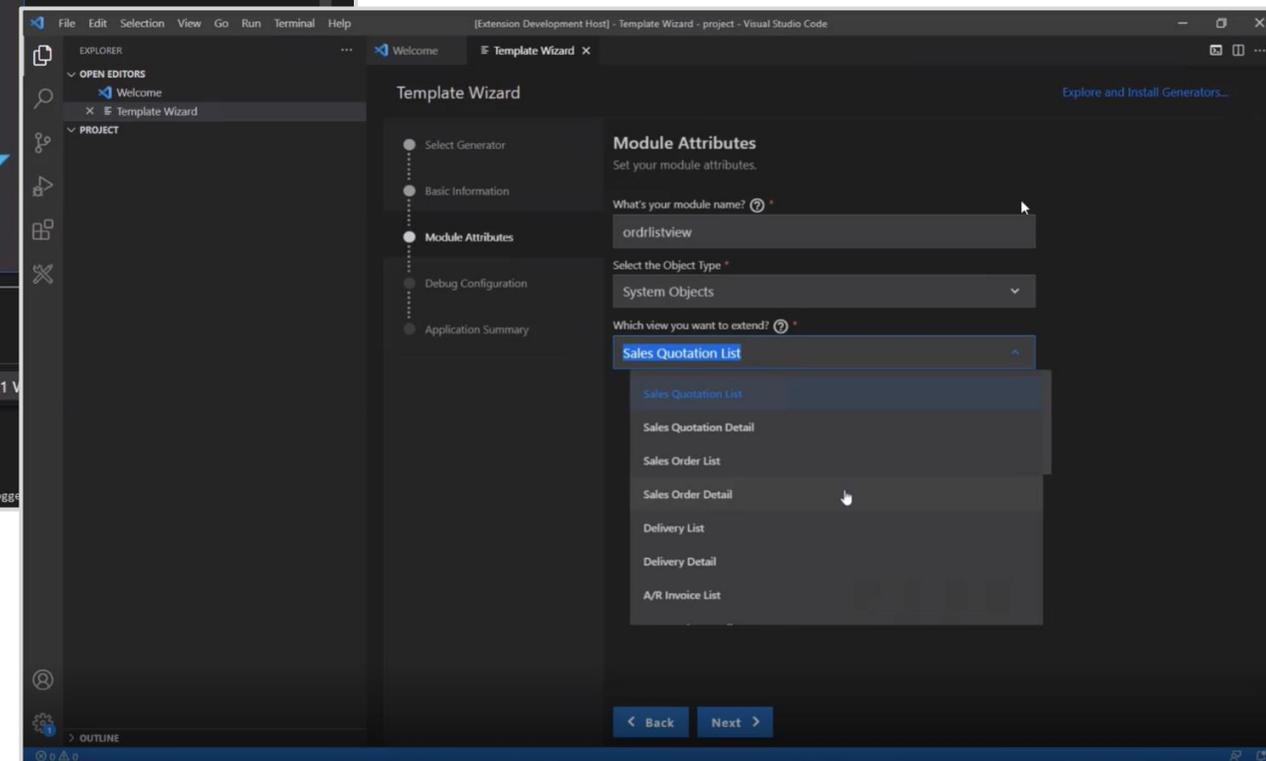
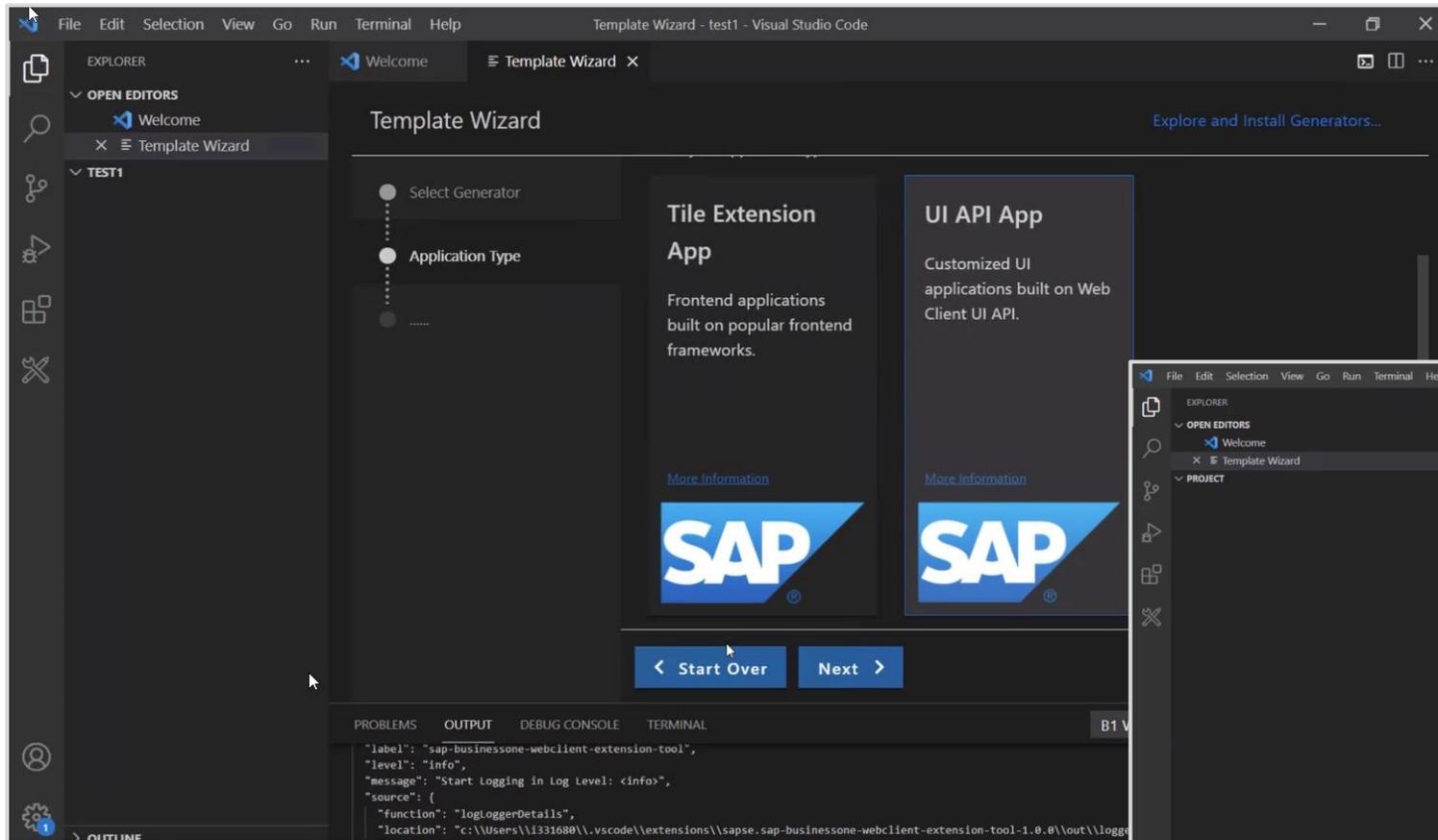
- Button
- Input
- Static Text
- Combo Box
- Section (Tab) & Subsection
- Check Box
- Grid
- Group
- MessageBox

## UIAPI General

- Binding
- User Events
- System Events

# Web Client - Visual Studio Code UI API Wizard

FP2405 Update



# Web Client - Visual Studio Code UI API Wizard

FP2405 Update

SAP Business One Sales Quotation 1199

Customer: TEST1, Total: 2,706.25 \$, Status: Open, Credit Limit Utilization: 0%

Company Information: Company Name: SQLTA OEC Computers, Version: 1000250

Customer Details: Contact Person: Judy Brown, Customer Ref. No.:

Document Details: Series / No., Posting Date, Valid Until:

```
1 sap.ui.define(  
2   ["b1/apps/player/controller/BaseOverlayController"],  
3   function (BaseClass) {  
4     "use strict";  
5     const theClass = BaseClass.extend("PartnerX.SalesApp.SalesModule.controller.SalesView", {  
6       onInit: async function (oInst, oEvent) {  
7         console.log("onInit invoked");  
8       },  
9       onViewLoad: async function (viewData, params) {  
10        console.log("onViewLoad invoked");  
11      },  
12      onDataLoad: async function (oInst, oEvent) {  
13        console.log("onDataLoad invoked");  
14      },  
15      onExit: async function (oInst, oEvent) {  
16        console.log("onExit invoked");  
17      },  
18      onClick: async function (oInst, oEvent) {  
19        let resp = await fetch("/b1s/v1/CompanyService_GetCompanyInfo", {  
20          method: "POST",  
21          credentials: "include",  
22        });  
23        let json = await resp.json();  
24        await oInst.showMessageBox(  
25          "Get Company Info",  
26          `Company Name: ${json.CompanyName}, \nVersion: ${json.Version}`  
27        );  
28      },  
29    });  
30    return theClass;  
31  }  
32 );  
33
```

# Web Client - Visual Studio Code IDE - UI API - Tab & Grid

FP2405 Update

The screenshot shows the SAP Business Partner web client interface. The browser address bar displays the URL: `webclient-1-taurus-dev.smes.sap.corp/webx/index.html?enable-extension-debug=true&extension-debug-server=http%3A%2F%2F...`. The page header includes the SAP Business Partner logo and the user name 'JB'. The main content area displays 'Business Partner BA02' with various action buttons like 'Edit', 'New', 'Remove', 'Duplicate', 'Create', 'BP Catalog Numbers', and 'Views'. Below this, there are summary statistics: General Info (Customer), Account Balance (1,153.42 \$), Deliveries (541.25 \$), Orders (0.00 \$), Checks Balance (0.00 \$), and Credit Limit Utilization (0% with a progress bar). The name 'Microchips-BA2' is also visible. A navigation menu at the bottom includes 'Sales Assist', 'Additional Data', 'Contact Persons', 'Addresses', 'Payment Terms', 'Payment Run', and 'Accounting'. The 'Sales Assist' section is active, showing 'Recent Items Sold' with a table of suggested items.

Item Code	Item Name
<input type="checkbox"/> GarminVenu3	Sponsored Ad - Garmin Venu 3 Silver Stainless Steel Be
<input type="checkbox"/> GalaxyTabS6L	SAMSUNG Galaxy Tab S6 Lite
<input type="checkbox"/> Dell Inspiron 3511	Dell Inspiron 3511 Laptop, 15.6" Full HD Touchscreen, I
<input type="checkbox"/> SanDisk256GBmicro	SanDisk 256GB Ultra microSDXC UHS-I Memory Card
<input type="checkbox"/> GoPro11	Go Pro action camera HERO11 Black

The screenshot shows a Google search result for 'GoPro action camera HERO11 Black'. The search bar contains the query, and the results show 'About 2,890,000 results (0.49 seconds)'. The top result is from GoPro, with the URL `https://gopro.com/hero11-black/CHDX-111-master`. The title is 'GoPro HERO11 Black (Sports & Underwater Camera)'. The description reads: 'Ultra versatility meets maximum performance in the powerful GoPro HERO11 Black. Built for sports and underwater. Shop & save now.' The rating is 4.7 stars based on 1,371 reviews, and the price is US\$349.99, which is in stock. Below the main result, there is a 'People also ask' section with several questions: 'Is GoPro Hero 11 worth it?', 'Is GoPro 11 black waterproof?', 'What is the difference between GoPro 11 and 12?', and 'How much is the GoPro hero 11 in dollars?'. A 'Feedback' link is visible at the bottom right.

# Web Client - Inspector

FP2405 Update

The screenshot shows the SAP Business One Web Client interface for 'Manage Sales Order'. A context menu is open over the 'Inspect WebClient Control' button, listing various actions like Back, Forward, Reload, Save as..., Print..., Cast..., Send to your devices, Translate to English, View page source, and Inspect. The 'Inspect' option is highlighted. Below the interface, the 'WebClient' Chrome DevTools extension is active, showing the 'UI Inspector' and 'Application Information' tabs. The 'UI Inspector' tab displays a tree view of the current active view, with the '<Button> Create' element selected. The 'Application Information' tab shows the properties of the selected element, including its uuid and various attributes like help, icon, method, methodArgs, text, type, and visible.

**Inspect UI**

**Chrome view**

Document No.	Customer Code	Customer Name	Customer R...	Posting Date	Delivery D...
1203	C20000	Maxi-Teq		2019/11/06	2019/11/06
1202	BA02	Microchips-B...			
1201	C40000	Earthshaker ...			

**UI Inspector**

Search  Filter Results (0) Show uuid

**Current Active View**

- VIEW: List uuid = fdbe3da4-26bc-4d65-a114-80960cbcefc2
  - <action>
    - <Button> Create uuid = 827cacb4-0758-4c3a-bdae-7a7d6f367afe
    - <Button> Close uuid = 1b654259-ffeb-420b-883c-287cab3151f7
    - <Button> Cancel uuid = fe92817c-6f97-4978-b4a0-4acb930d1d4f
    - <PrintButton> Preview uuid = 594d1dc2-0dce-424a-9580-8ef7301d4cf6
    - <ListViewSettingButton> uuid = bc4b6660-6b8c-4f1e-81cb-d1fe1f63f14e
  - <columns>
    - <column> Document No. uuid = COLUMN\_DocNum
      - <NumberWidget> Document No. uuid = COLUMN\_DocNum\_PROPERTY

# Web Client - Extensibility Online Help

FP2405 Update

The screenshot displays the SAP Business One Help Portal interface. At the top, there is a navigation bar with the SAP Business One logo, 'Home', 'SQLTA OEC Computers', and a search bar. Below the navigation bar, the 'Extension Help' section features four video thumbnails: 'Web Client Extension Samples Document', 'Web Client Views API Reference', 'Service Layer API Reference', and 'Web Client Extensibility Video playlist in Youtube channel'. The main content area shows a breadcrumb trail: 'Working with VS Code Wizard for SAP Business One Web Client Extensions'. The article title is 'Packaging Your Apps Using VS Code Wizard for SAP Business One Web Client Extensions'. The introductory text states: 'The VS Code Wizard for SAP Business One Web Client Extensions is based on yeoman-ui, which is a graphical user interface for running Yeoman generators, and runs as a Visual Studio Code extension, aiming to provide a template wizard for customers and partners to create or package the extensions for SAP Business One Web Client.' Below the text is a screenshot of the VS Code Wizard interface, which includes a 'Module Type' dropdown and a grid of app templates: URL Mashup App, Fiori App, React App, Angular App, Vue App, and Blazor App. Each template card includes a brief description and a 'View Details' link.

# Administration

SAP Business One 10.0



# Enhancements in Document Printing

Document Printing - Selection Criteria

Document Type: Incoming Payments  
Posting Date From: 01/08/2019 To: 31/08/2019  
Series: All

Accounts From: [ ] To: [ ]  
BP Code From: [ ] To: [ ]  
Customer Group: All  
Vendor Group: All  
Properties: Ignore

Only Documents Still to Be Printed  
 Only Documents Still to Be E-Mailed  
 Obtain printer settings from default printing layout

Internal Number From: [ ] To: [ ]

No. of Copies: 1

OK Cancel

Form Settings - Print A/R Invoices

Select UI Template: [ ] Apply

Table Format Row Format Document

Find Next

Column	Visible	Active
#	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Document No.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Posting Date	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Due Date	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Document Date	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BP Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BP Name	<input type="checkbox"/>	<input type="checkbox"/>
Total (LC)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Customer Ref. No	<input type="checkbox"/>	<input type="checkbox"/>
Status	<input type="checkbox"/>	<input type="checkbox"/>
Sales Employee	<input type="checkbox"/>	<input type="checkbox"/>
Owner	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Remarks	<input type="checkbox"/>	<input type="checkbox"/>
Consolidating BP Code	<input type="checkbox"/>	<input type="checkbox"/>
Consolidating BP Name	<input type="checkbox"/>	<input type="checkbox"/>

OK Cancel Restore Default

Print A/R Invoices

#	Document No.	Posting Date	Due Date	Document Date	BP Code	Total (LC)	Sales Employee	Owner
1	1049	08/18/2019	09/17/2019	09/17/2019	C50000	4,955.50	Bill Levine	Levine, Bill
2	1047	08/22/2019	09/23/2019	09/23/2019	C40000	4,162.45	Sophie Klogg	Spear, Michael
3	1048	08/22/2019	09/23/2019	09/23/2019	C42000	3,975.00	Jim Boswick	Spear, Michael
4	1050	08/22/2019	09/23/2019	09/23/2019	C70000	1,365.00	Brad Thompson	Spear, Michael
5	1051	08/22/2019	09/23/2019	09/23/2019	C40000	1,868.00	Sophie Klogg	Spear, Michael

Print Cancel

## Feature

- The selection criteria for document printing is enriched with additional options according to the selected document type
- Form Settings window is added to the “Print <document>” window allowing the user to customize the column display
- The “Print <document>” window now supports table sorting and filtering

## Benefit

- The enhanced selection criteria enables you to optimize batch printing
- Increased usability and productivity especially when printing a high number of documents

# Support Attachments Tab in Additional Objects

The image displays two screenshots of SAP software interfaces. The top screenshot is titled "Inventory Opening Balance" and the bottom is "Inventory Posting". Both screenshots show a tabbed interface with "Contents" and "Attachments" tabs. The "Attachments" tab is highlighted with an orange box in both. The "Inventory Opening Balance" form includes fields for Posting Date (01/01/2019), Document Date (01/01/2019), Price Source (Item Cost), No. (Primary), and Ref. 2. The "Inventory Posting" form includes fields for Posting Date (23/08/2019), Count Date (23/08/2019), Time (11:50), Price Source (Item Cost), No. (Primary), and Ref. 2. Both forms have a search bar with "Find", "Item No.", and "Warehouses" fields.

## Feature

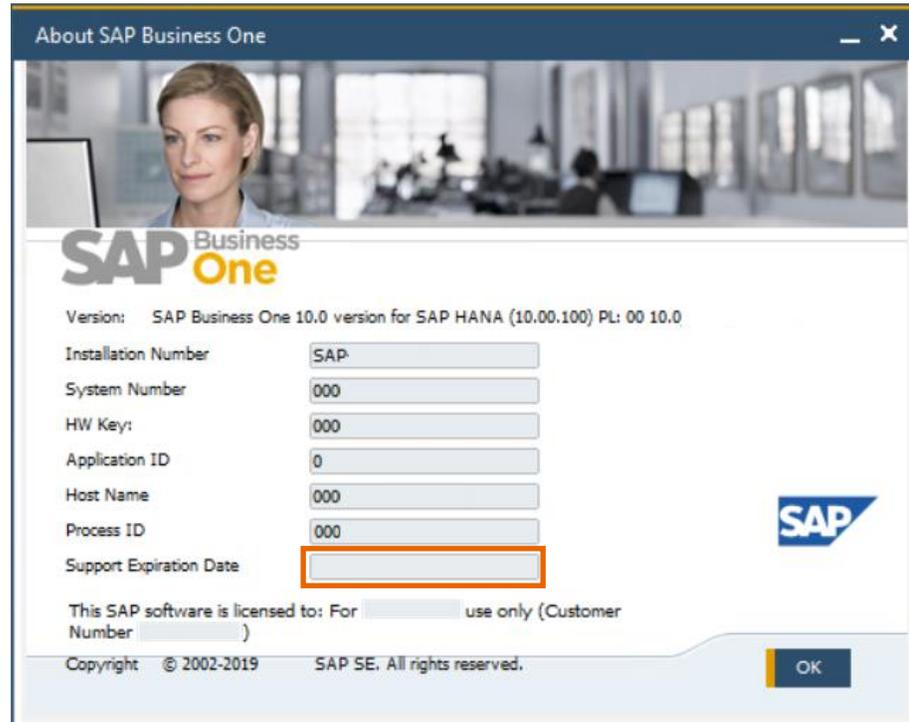
- The Attachments Tab is now available in *Inventory Opening Balance\**, *Inventory Counting*, *Inventory Posting\**, *Incoming Payments\**, *Outgoing Payments\**, *Check for Payments\**, *Deposit*, *Journal Entry*, *Production Order*, and *Time Sheet\**
- \*Due to the addition of the Attachments tab, the Contents tab now holds the original details of the form/General tab

## Benefit

- Support managing attachments for additional objects and streamline system behavior

# Support Expiration Date

FP2008 Update



## Feature

- The information *Support Expiration Date* is shown in the *About SAP Business One* window
- Version Name in *About* window is changed to quarterly release cycle **(FP2008)**  
See SAP Note [2957553](#)

## Benefit

- Simplifies support by having necessary information available in one screen

# Referenced Document Enhancements

FP2008 Update  
FP2011 Update

## Feature

- You are now able to reference documents in *Checks For Payment, Purchase Request, Goods Receipt & Issue, Inventory Transfer Request, and Inventory Transfer*
- Numeric indication for number of referenced documents
- Automatic referenced document creation from applicable marketing documents
- Recurring Postings can be *referenced to* a single document. This document contains a reference to each recurring posting created. The *referenced by* tab displays then the cross referencing to the recurring posting itself.
- Module-sorted list of documents to reference
- Document Referencing is available for *Incoming and Outgoing Payments, Inventory Revaluation, Inventory Counting, and Inventory Posting (FP2008)* - SAP Note [2945089](#)
- When duplicating a document, a reference between the original and duplicated document can be created (FP2011) - SAP Note [2958941](#)

## Benefit

- Extended coverage of referenced documents across SAP Business One modules
- Better visibility of when documents are referenced

The screenshot shows the SAP A/P Invoice form. The 'Referenced Document' field is highlighted with a red box and contains the text '... (2)'. Other fields include Vendor (Y22000), Name (Ocean Computers), Contact Person (Joe Wilson), and various dates. The bottom right shows 'Total Payment Due' as 46,155.09 \$.

The screenshot shows a 'System Message' dialog box with the text: 'Do you want to automatically create a reference to the sales order or production order from this document?'. There are 'Yes' and 'No' buttons at the bottom.

The screenshot shows the SAP Inventory Transfer Request form. The 'Referenced Document' field is highlighted with a red box and contains the text '... (1)'. The form includes fields for Business Partner (C40000), No. (8), and a table with columns for Item No., Item Description, From..., To Ware..., Quantity, UoM Code, and UoM Name. The bottom right shows 'Generated upon Transfer Request for Sales Orders'.

# Field Length Increase

FP2008 Update

The screenshot displays several SAP configuration windows. The 'Item Master Data' window shows item details for 'Manuell C00001' with description 'Motherboard BTX'. The 'Customer Groups - Setup' window shows a list of customer groups. The 'Vendor Groups - Setup' window shows a list of vendor groups, with a message box indicating 'Group Name (100 Characters)'. The 'Business Partner Master Data' window shows details for 'Manual C23900' with 'Industry' set to 'Telecommunication'. The 'Industry - Setup' window shows a list of industry definitions.

## Feature

- *Customer Group Name* and *Supplier Group Name* may contain up to 100 characters
- The *Item Group Name* also supports 100 characters
- The length of the *Item Description* field in the *Item Master Data* window is 200 characters (FP2008)  
See SAP Note [2949632](#)
- The field length of *Industry Name* is 40 characters and of *Industry Description* is 120 characters (FP2008)  
See SAP Note [2931333](#)

## Benefit

- More flexibility for the values entered in these fields
- Standardization of product field definitions

# New Overview Window: Alerts Management

SAP Note [2945182](#)

FP2008 Update

This window gives you an overview of system and user alerts.  
You can filter the alerts through the "Alert Status" drop-down list or the "Filter Table" option in the context menu or menu bar.  
You can use the "Actions" button to create new user alerts, set alerts to active or inactive, or remove alerts. You can also remove user alerts through the context menu or by following "Data" then "Remove" in the main menu.  
You can view or edit details of an alert and view its associated query by choosing the arrow link next to the alert name.

Alert Status: All Find/Find Next

#	Select	Name	Priority	Condition	Condition: Threshold Value	Active	Saved Query	Frequency	Recurrence Period	Recurrence Date	Recurrence Time	Save History
1	<input type="checkbox"/>	MRP Recommendation Due	Normal	Release Within (days)		<input type="checkbox"/>						<input type="checkbox"/>
2	<input type="checkbox"/>	Deviation from Budget	Normal	Deviation Amount		<input type="checkbox"/>						<input type="checkbox"/>
3	<input type="checkbox"/>	Deviation from Discount (in %)	Normal	Discount %		<input type="checkbox"/>						<input type="checkbox"/>
4	<input type="checkbox"/>	Deviation from % of Gross Profit	Normal	Profit Percentage		<input type="checkbox"/>						<input type="checkbox"/>
5	<input type="checkbox"/>	Deviation from Commitment Limit	Normal	Maximum Deviation		<input type="checkbox"/>						<input type="checkbox"/>
6	<input type="checkbox"/>	Deviation from Credit Limit	Normal	Maximum Deviation		<input type="checkbox"/>						<input type="checkbox"/>
7	<input type="checkbox"/>	Minimum Stock Deviation	Normal			<input type="checkbox"/>						<input type="checkbox"/>

OK Cancel

Actions  
Create User Alert  
Set Alert to Active  
Set Alert to Inactive  
Remove User Alert

## Feature

- New window *Alerts Management* available
- Overview of system and user alerts
- Filter option
- *Actions* button to create:
  - New user alerts
  - Set alerts to active or inactive
  - Remove alerts

## Benefit

- Simplifies alerts management
- Better overview on existing alerts

# Enhancements in Approval Process

FP2105 Update

The screenshot shows the SAP General Settings window with the 'Approval Process' section highlighted. A red box around the 'Enable Authorizer to Update Document Draft in Pending Status' checkbox indicates this new setting. Below it, the 'Approval Decision Report' window is open, showing a table of purchase requests with columns for 'Draft Update Date', 'Draft Update Time', and 'Draft Remarks', which are also highlighted with a red box.

Document Type	Document No.	Originator	Stage	Answer	Document Dr...	Draft Key	Draft Update Date	Draft Update Time	Draft Remarks
Purchase Request	1	Jayson Butler	Internal Requir	Approved	1	1			
Purchase Request	1	Jayson Butler	Internal Requir	Approved	2	2			
Purchase Request	2	Jayson Butler	Internal Requir	Approved	2	3			
Purchase Request	2	Jayson Butler	Internal Requir	Pending	4	4			
Purchase Request	2	Jayson Butler	Internal Requir	Pending	4	5			
Purchase Request	4	Jayson Butler	Internal Requir	Approved	4	6			
Purchase Request	5	Jayson Butler	Internal Requir	Approved	5	7			
Purchase Request	6	Jayson Butler	Internal Requir	Approved	6	8			
Purchase Request	6	Jayson Butler	Internal Requir	Approved	6	9			
Purchase Request	7	Jayson Butler	Internal Requir	Approved	7	10			

## Feature

- New setting enables approvers to update draft document in Pending status
- *Last Updated By* and *Last Updated On* fields are now available within the **Request for Generation Approval** form
- **Approval Status Report** now contains *Draft Updated By*, *Draft Update Date*, *Draft Update Time*, and *Draft Remarks* fields
- Both the authorizer and the originator can add the document for approval
- Substitute Authorizers for approval templates are enabled when the authorizer is out of office (**FP2105**)  
See SAP Note [3050040](#)

## Benefit

- Minimizes unnecessary back and forth between authorizer and originator
- Simplifies approval procedures and adds even more flexibility

# Tab-Level Authorizations in Master Data Records

The screenshot displays the 'Authorizations' window in SAP. The left pane shows a list of users, with 'Sarah - Sarah Connor' selected. The main pane shows a table of subjects and their authorization levels. The 'Business Partner Master Data' section is expanded, and the 'General Tab' is highlighted with an orange box. Below it, the 'Business Partner Master Data' window is shown with the 'General' tab selected and highlighted with an orange box.

Subject	Authorization	Effective Authorization
Business Partner Master Data	Full Authorization	Full Authorization
Sales Order Balance	Full Authorization	Full Authorization
Delivery Balance	Full Authorization	Full Authorization
Goods Receipt PO Balance	Full Authorization	Full Authorization
Purchase Order Balance	Full Authorization	Full Authorization
Chance Sales Employee	Full Authorization	Full Authorization
General Tab	Full Authorization	Full Authorization
Contact Persons Tab	Full Authorization	Full Authorization
Addresses Tab	Read-Only	Read-Only
Payment Terms Tab	Read-Only	Read-Only
Payment Run Tab	Read-Only	Read-Only
Accounting Tab	No Authorization	No Authorization
Properties Tab	Full Authorization	Full Authorization
Remarks Tab	Full Authorization	Full Authorization
Attachments Tab	No Authorization	No Authorization
Active	Full Authorization	Full Authorization
Inactive	Full Authorization	Full Authorization
Remove Business Partner	Full Authorization	Full Authorization
Campaign Generation Wizard	Full Authorization	Full Authorization
Campaign	Full Authorization	Full Authorization
Business Partner Type	Full Authorization	Full Authorization
Activity	Full Authorization	Full Authorization

Business Partner Master Data

Code: Manual C25000 Customer  
Name: Star Company  
Foreign Name:   
Group: High Tech  
Currency: Euro  
Federal Tax ID: SK76764877

Account Balance: 952,684.46  
Deliveries: 16,331.67  
Orders: 466,746.53  
Opportunities:   
BP Currency:   
General | Contact Persons | **Addresses** | Payment Terms | Payment Run | Properties | Remarks

## Feature

- Different authorizations can be granted to different tabs in Business Partner Master Data and Item Master Data
- If a user has no authorization for a given tab, this tab will be automatically hidden

## Benefit

- Enables the granting of more accurate authorizations to each user, based on tasks and responsibilities
- Helps to prevent human errors and increases data protection
- Increases productivity

# Product Documentation Moved to SAP Help Portal

FP2108 Update

- > B1 Integration Component
- > CR\_License
- > Glossary
- > Remote Support Platform
- > SDK
- > Steuerdaten-Uebermittlungsverordnung-StDUeV.pdf
- > SystemSetup
- > Whats New



The screenshot shows the SAP Business One 10.0 Help Portal interface. At the top, there is a search bar and navigation options. The main content area is organized into several columns with icons representing different categories: 'What's New', 'Training and Education', 'Development', 'Feature Scope Description', 'Implementation', 'Operations', 'Installation and Upgrade', 'Application Help', and 'Additional Information'. Each category lists relevant documents and links.

- Product documentation shipment methodology is enhanced. The documentation deliverables in the Documentation folder have moved to SAP Help Portal where you can access the latest (and previous) product documentation.

# Business Process Enhancements

FP2111 Update

The image displays four overlapping SAP windows illustrating business process enhancements:

- Document Settings:** Shows configuration options for calculating gross profit and handling attachments. The "Attachments" section includes checkboxes for "Copy Attachments from Base Document to Target Document", "Copy Attachments from BOM to Production Order", and "Do Not Overwrite Attachments with the Same File Name".
- Query Manager:** Shows a "Rename Query" dialog box with fields for "Original Name" (Customers 2021) and "New Name" (Customer).
- Bill of Materials:** Shows the "Attachments" tab of a BOM for product S10000, listing a document with target path C:\Users\UAT6\C\Appendix, file name docx, size 1KB, and attachment date 11/21/2021.
- Blanket Agreement Fulfillment Report:** A table showing fulfillment status for various agreements. The table includes columns for Agreement No., BP Code, BP Name, Start Date, End Date, Fulfilled Status, Type, Item No., Unit Price, Cumulative Ordered Qty, Cumulative Ordered Amount, Total Open Qty, and Total Open Amount.

#	Agreement No.	BP Code	BP Name	Start Date	End Date	Fulfilled Status	Type	Item No.	Unit Price	Cumulative Ordered Qty	Cumulative Ordered Amount	Total Open Qty	Total Open Amount
1	1	C30000	Computerhandel Müll	04.06.2016	31.12.2017	Not Fulfilled	General			500	1.125,00 EUR	500	1.125,00 EUR
2						Not Fulfilled		C00002		500	400,00 EUR	500	400,00 EUR
3	2	C40000	Büroausstatter Mayer	04.06.2016	31.12.2017	Not Fulfilled	Specific			1.145	100,00 EUR	1.145	100,00 EUR
4						Not Fulfilled		A00004	590,00 EUR	670	450,00 EUR	670	450,00 EUR
5						Not Fulfilled		C00002	350,00 EUR	475	175,00 EUR	475	175,00 EUR
6	3	C60000	SG Elektronik	13.06.2016	30.09.2016	Not Fulfilled	Specific			110	18.600,00 EUR	110	18.600,00 EUR
7						Not Fulfilled		MRP_Artik	30,00 USD	110	7.800,00 EUR	110	7.800,00 EUR
8	4	C60000	SG Elektronik	12.02.2017	31.12.2017	Not Fulfilled	Specific			110	7.800,00 EUR	110	7.800,00 EUR
9						Not Fulfilled		MRP_Artik	30,00 USD	110	7.200,00 EUR	110	7.200,00 EUR
10	5	C20000	PC Welt GmbH & Co.K	01.02.2020	01.07.2021	Not Fulfilled	General			55	1.125,00 EUR	55	1.125,00 EUR
11						Not Fulfilled		C00009	20,00 EUR	20	400,00 EUR	20	400,00 EUR
12						Not Fulfilled		C00010	5,00 EUR	20	100,00 EUR	20	100,00 EUR
13						Not Fulfilled		100003	45,00 EUR	10	450,00 EUR	10	450,00 EUR
14						Not Fulfilled		100004	35,00 EUR	5	175,00 EUR	5	175,00 EUR
15	6	C23900	Mikrochips GmbH	01.09.2020	31.12.2022	Not Fulfilled	Specific			1.000	18.600,00 EUR	1.000	18.600,00 EUR
16						Not Fulfilled		A00004	78,00 EUR	100	7.800,00 EUR	100	7.800,00 EUR
17						Not Fulfilled		C00005	18,00 EUR	400	7.200,00 EUR	400	7.200,00 EUR
18						Not Fulfilled		100001	7,20 EUR	500	3.600,00 EUR	500	3.600,00 EUR
19	7	C60000	SG Elektronik	01.09.2020	31.12.2022	Not Fulfilled	Specific			2.000	35.714,29 EUR	2.000	35.714,29 EUR
						Not Fulfilled				4.920	55.439,29 EUR	4.920	55.439,29 EUR

- Attachments tab is added to Bill of Materials along side a new setting to determine whether to copy attachments from BoM to Production Order. In addition, new setting that enables to determine whether to overwrite attachments with same file name is available
- Blanket Agreement Fulfillment Report is enhanced to display four new columns: Cumulative Ordered Quantity / Amount and Total Open Quantity / Amount
- The Query Manager is enhanced to support renaming of user queries. In addition, you can edit a user query without executing it, just by using the “Edit” option in the context menu
- Support “Change Log” for teams update in Employee Master Data
- “Telephone” field length is increased to 50 characters
- “Foreign Name” field length in Item Master Data is increased to 200 characters

# Business Process Enhancements

FP2202 Update

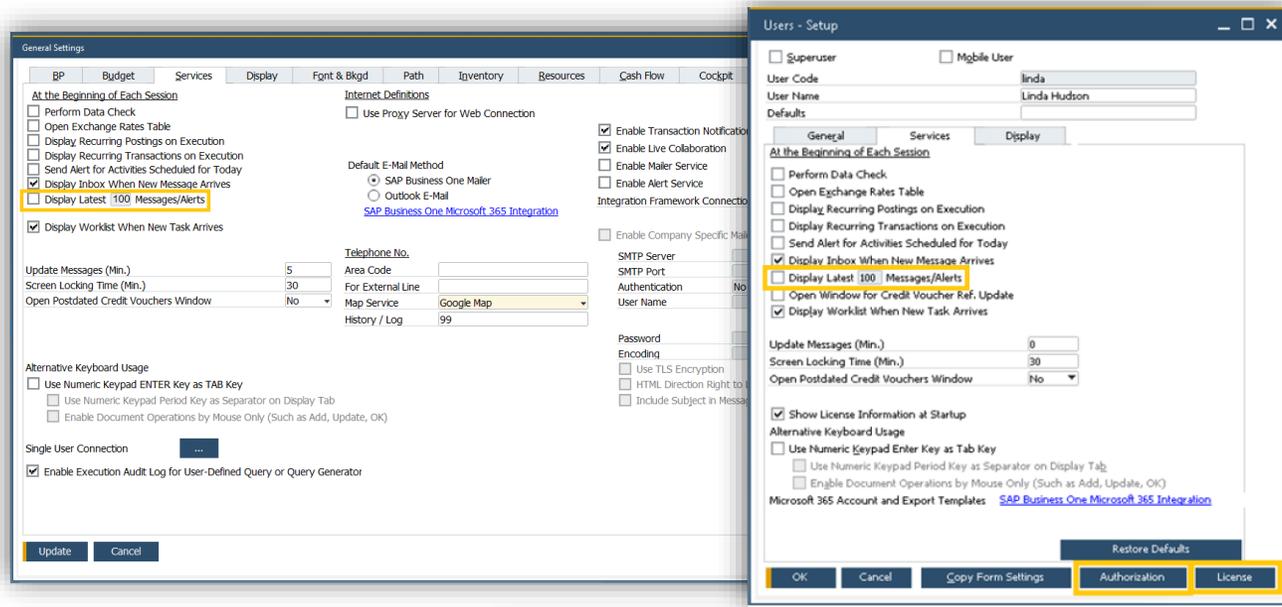
The image displays three overlapping screenshots from the SAP software interface:

- A/R Invoice:** Shows a customer invoice for 'C20000' with a primary status. The 'Contents' table lists items such as 'Rainbow 1200 Laser Series', 'Printer Label', and 'Motherboard P4 Turbo'. A yellow box highlights the 'Price List No.' and 'Price List Name' columns, showing '5 Regular Sales Price' for all items.
- Exchange Rates and Indexes:** Shows a table for 'December 2021' with columns for 'CAN' and 'EUR'. The exchange rate for CAN is 0.818438. A yellow box highlights the 'Change Log...' button, which has opened a context menu with options: Cut, Copy, Copy Table, Paste, Delete, Maximize/Restore Grid, and Open Calculator.
- Authorizations:** Shows a list of users and their authorization levels for various subjects. The 'Time Sheet' subject is highlighted with a yellow box, showing 'No Authorization' for the user 'sophie - Sophie Klogg'.

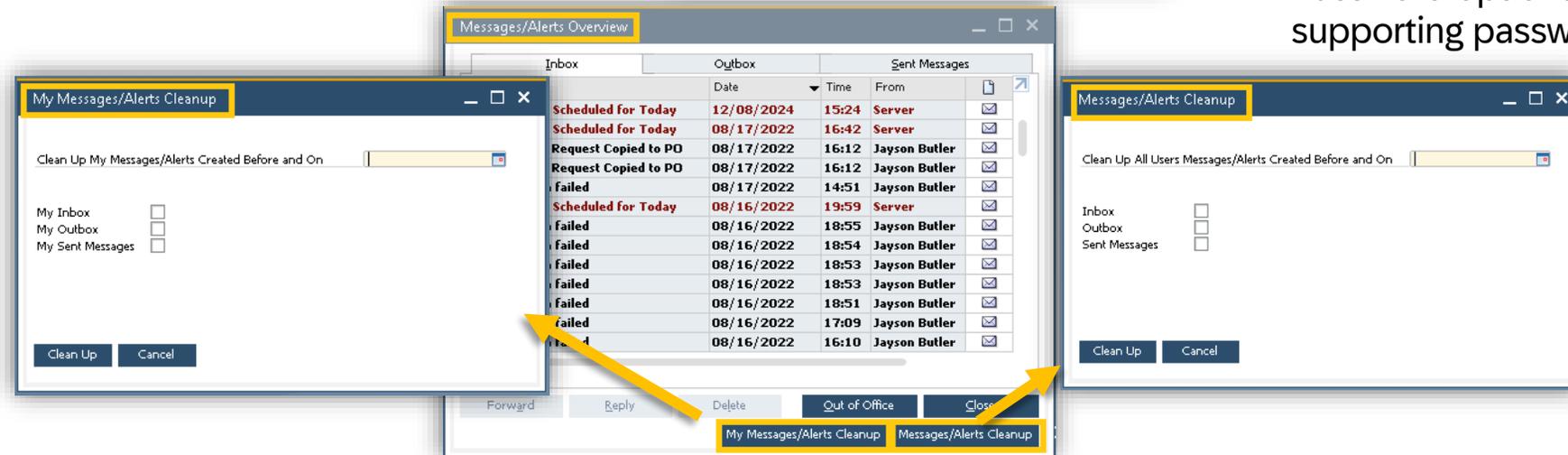
- Display Price List No. & Name in marketing documents rows
- Manage Change Log for Exchange Rate & Indexes table and additional setup entities
- Increase number of Authorization Groups for Document Numbering and Price Lists
- Introduce new authorizations for creating and removing Time Sheet
- Add keyboard shortcut for Refresh Button

# Administration Enhancements

## FP2208 Update



- “Messages/Alerts Cleanup” and “My Messages/Alerts Cleanup” tools enable authorized users to clear messages and alerts within a defined date range
- New settings in company level and user level enable you to define the number of latest records to be displayed in the “Messages/Alerts Overview” window
- “Authorization” and “License” buttons enable super users a direct access to the respective windows
- Password options and security are enhanced by supporting passwords with up to 128 characters



# Administration Enhancements

FP2305 Update

- Managing change log for system setups
- Data archive simplification
- Password policy requirements for new installations
- Approval process enhancements
  - Approving and Rejecting Draft Marketing Documents
  - Displaying and Printing Draft Key Numbers

#	Instance	Object Code	Updated	Updated By - User Code	Updated By - User Name	U...
1	0		04/23/2023	manager	Jayson Butler	04/21
2	0		04/23/2023	manager	Jayson Butler	04/21
3	0		04/23/2023	manager	Jayson Butler	04/21
4	4		04/23/2023	manager	Jayson Butler	04/21
5	0		04/24/2023	manager	Jayson Butler	04/24
6	6		04/24/2023	manager	Jayson Butler	04/24

Feature	Description	Localization
<b>Change Log Window Enhancements</b>	New columns “ <i>Created On/At</i> ” and “ <i>Updated On/At</i> ” are added to the <i>Change Log</i> window to see the specific date and time. SAP Note <a href="#">2957436</a> (FP2008)	All
<b>Manually Entering Paths</b>	Paths can be manually entered or pasted on the <i>Path</i> tab in the <i>General Settings</i> window. SAP Note <a href="#">2949641</a> (FP2008)	All
<b>Shipping Types Deactivation</b>	New checkbox <i>Active</i> is available in the <i>Shipping Types</i> window under <i>Administration</i> → <i>Setup</i> → <i>Inventory</i> → <i>Shipping Types</i> to activate or deactivate shipping types. SAP Note <a href="#">2950719</a> (FP2008)	All

Feature	Description	Localization
<b>Warning Message When Choosing ‘Personal Blocking’</b>	When choosing <i>Personal Data Blocking</i> in the <i>Personal Data Management Wizard</i> a warning message is displayed if the <i>BP Balance</i> amount is not zero. SAP Note <a href="#">2946064</a> (FP2011)	All
<b>Authorization for ,Copy Table‘ Function</b>	In the <i>General Authorizations</i> a new authorization <i>Copy Table</i> is available with <i>Full Authorization</i> and <i>No Authorization</i> . In new installations and after upgrades the default setting for the <i>Copy Table</i> authorization is <i>Full Authorization</i> ; for new users, <i>No Authorization</i> is selected by default. SAP Note <a href="#">2970937</a> (FP2011)	All
<b>Configure License Balloon Appearance</b>	A new checkbox <i>Show License Information at Startup</i> is added to the <i>Users – Setup</i> window -> <i>Services</i> tab to set whether the license balloon will be displayed after logging in. The checkbox is reset to default (balloon is displayed): - Every 3 months / 90 days - When upgrading to a higher patch or release SAP Note <a href="#">2970959</a> (FP2011)	All

Feature	Description	Localization
<b>Enhancement of Check on Duplicate Customer/Vendor Reference Number</b>	<p>Under <i>Administration</i> → <i>System Initialization</i> → <i>Document Settings</i> → <i>Per Document</i> tab, select a sales or purchasing document type, under <i>When Duplicated Customer Reference No. Occurs</i>:</p> <p>When selecting <i>Warning Only</i> or <i>Block Release/Receipt</i> the following options are available:</p> <ul style="list-style-type: none"><li>- <i>Check for Duplicate Under</i><ul style="list-style-type: none"><li>o <i>Individual Customer Only</i></li><li>o <i>All Customers</i></li></ul></li><li>- <i>Check for Duplicate in Current Fiscal Year Only</i></li></ul> <p>SAP Note <a href="#">2970936</a> (FP2011)</p>	All

Feature	Description	Localization
<b>Authorization to Remove Opportunity</b>	Authorization is required for new users to remove an opportunity. Assign authorization under <i>Administration -&gt; System Initialization -&gt; Authorizations -&gt; General Authorizations -&gt; Opportunities -&gt; Special Opportunity Authorizations -&gt; Remove Opportunity</i> SAP Note <a href="#">2985725</a> (FP2102)	All
<b>Authorization to View Other Users' Payment Drafts in Payments Draft Report</b>	Regular users can view incoming and outgoing payment drafts created by other users respectively, if the following two authorizations are given: <ul style="list-style-type: none"> <li>- <i>View Incoming Payment Drafts Created by Other Users</i></li> <li>- <i>View Outgoing Payment Drafts Created by Other Users</i></li> </ul> Define Authorizations under <i>Administration -&gt; System Initialization -&gt; Authorizations -&gt; General Authorizations -&gt; Banking -&gt; Outgoing Payments -&gt; Payments Drafts Report</i> SAP Note <a href="#">2990653</a> (FP2102)	All
<b>Copy Selected Forms Between Users</b>	An admin user is able to copy selected forms' settings from one user to another. SAP Note <a href="#">2979530</a> (FP2102)	All

Feature	Description	Localization
<b>Access to Change Log for User with Read-Only Authorization for Specific Object</b>	Users with full authorizations for <i>Change Log</i> and read-only authorizations for the following documents can view their change logs: <ul style="list-style-type: none"><li>- Sales and purchasing documents</li><li>- Journal Entries</li><li>- Goods Issues, Goods Receipts, Receipts from Production, and Issues for Production</li><li>- Inventory Transfers and Inventory Transfer Requests</li><li>- Inventory Opening Balances, Inventory Counting, and Inventory Postings</li><li>- Incoming Payments and Outgoing Payments</li></ul> SAP Note <a href="#">2303812</a> (FP2102)	All

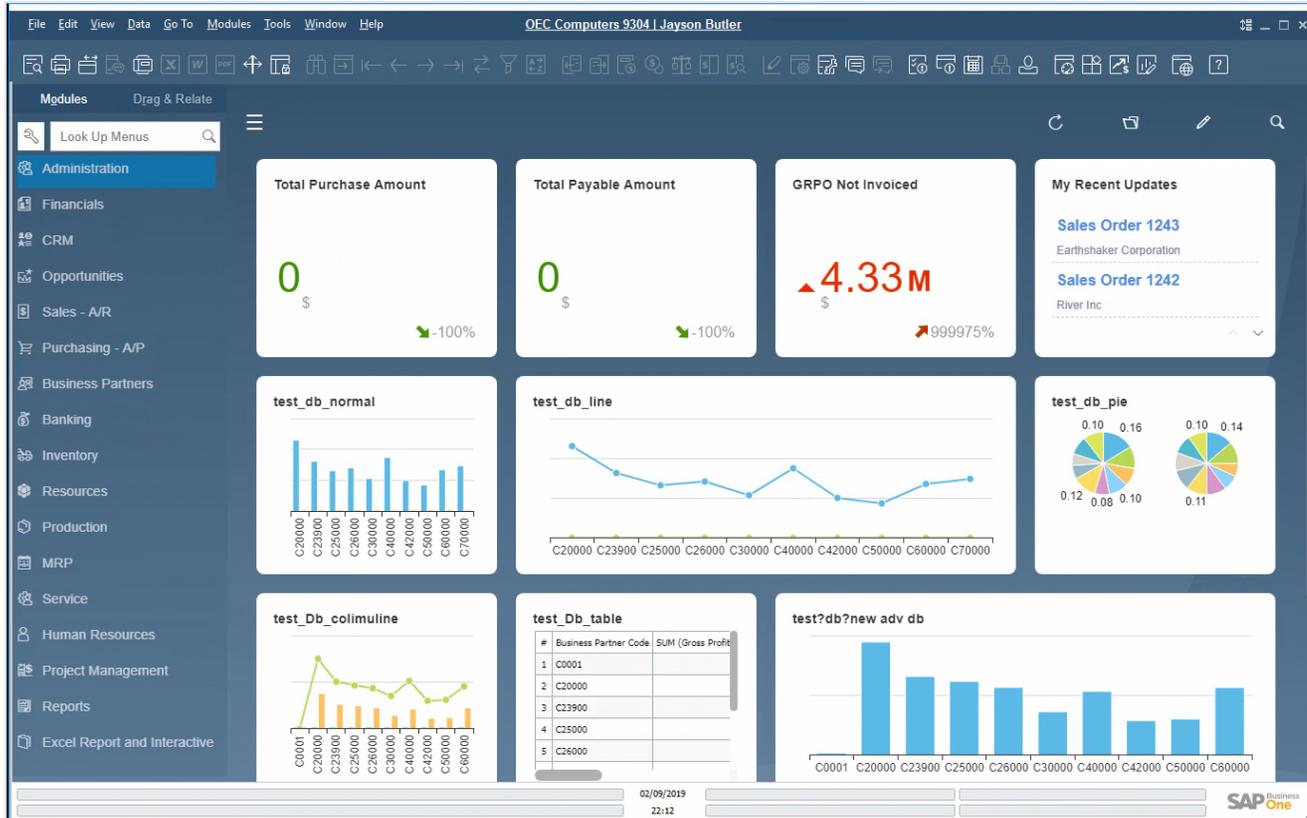
Feature	Description	Localization
<b>User Codes in Change Log and Differences</b>	News fields and columns are available for the <i>Change Log (Tools -&gt; Change Log)</i> and <i>Differences</i> to display unique information listed by user code: <ul style="list-style-type: none"><li>- <i>Updated By – User Code</i></li><li>- <i>Created By – User Code</i></li></ul> SAP Note <a href="#">3031630</a> (FP2105)	All

# Usability

SAP Business One 10.0



# New Skin Style - Belize Deep



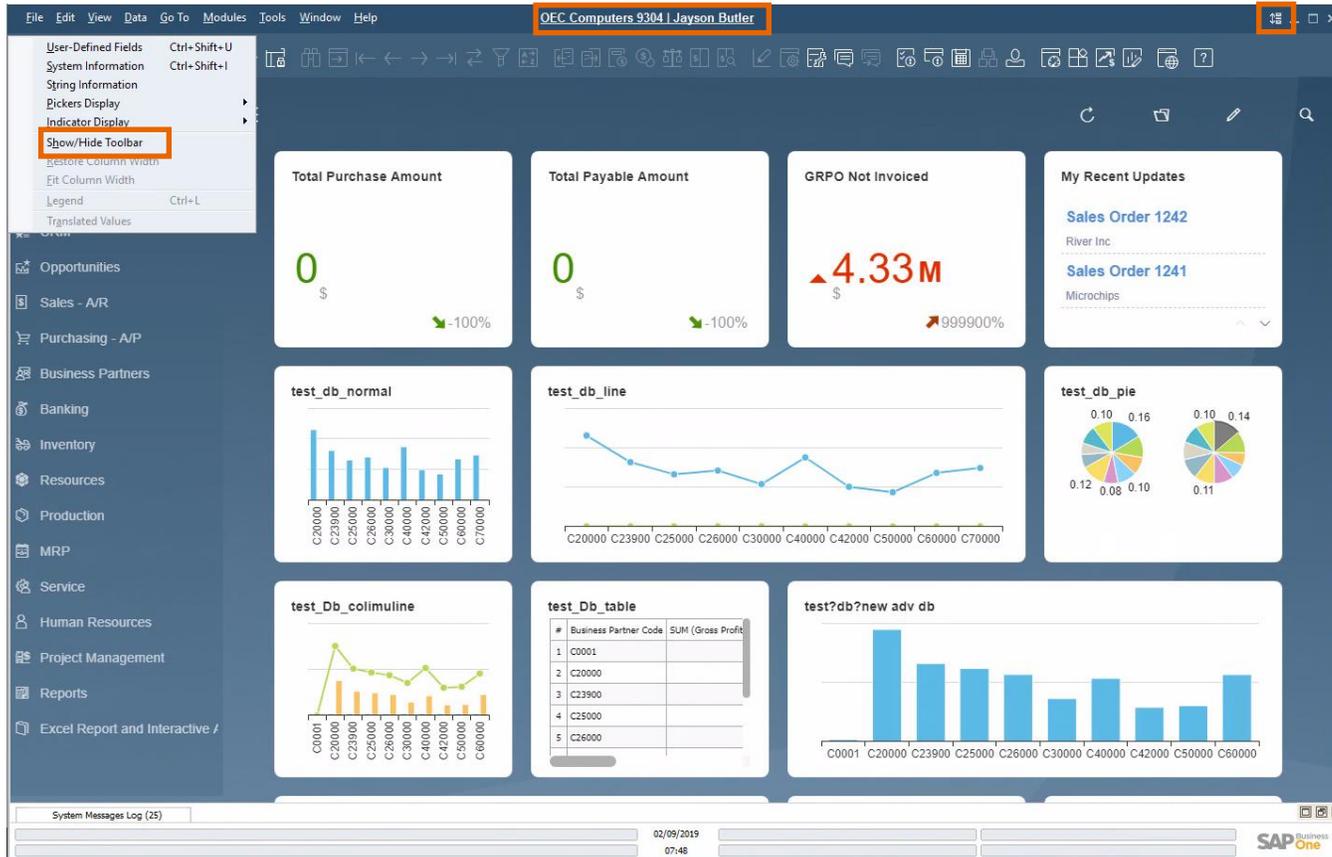
## Feature

- New skin style “Belize Deep” is added to SAP Business One 10.0, version for SAP HANA.
- Inspired by the SAP Fiori design and following the Web Client look & feel
- Currently available when using the Fiori-Style Cockpit
- 4K monitors supported when using the Belize Deep skin style

## Benefit

- Modern and fresh look and feel
- Harmonized user-experience for those who work with both SAP Business One and the Web Client

# Enhanced User Interface



## Feature

- New icon and menu option under the *View* menu enables the showing or hiding of the toolbar
- Users can enlarge working area by hiding the toolbar
- The company name and user name are clearly displayed at the top center of SAP Business One window; Click it to open the “*Choose Company*” window directly

## Benefit

- Information about current company and logged-on user is displayed clearly
- Switching between company databases and users is one-click away

# Alignment of Form Behavior

The image shows two overlapping SAP dialog boxes. The top one is the 'Document Generation Wizard' with a 'Customers' tab, displaying a table of customer data. The bottom one is the 'General Settings' dialog, showing various configuration options for business partners.

#	Customer Code	Customer Name	Control Account
1	C20000	Maxi-Teq	12100000-01-001-01
2	C23900	Parameter Technology	12100000-01-001-01
3	C25000	Star Company	12200000-01-001-01
4	C26000	River Inc	12100000-01-001-01
5	C30000	Microchips	12100000-01-001-01

**General Settings**

**Customer Activity Restrictions**

- Credit Limit
- Commitment Limit
- Consider Deliveries Balance

**Set Commission by**

- Sales Employees
- Items
- Customers

**Approval Process**

- Enable Approval Process
- Enable Approval Process in DI
- Enable Updating the Document Generated/Updated by Approval Process
- Enable Originator to Update the Document Draft in Pending/Approved Status
- Enable Authorizer to Update Document Draft in Pending Status

**Payment Terms Preferences**

- Default Payment Method for Customer: Incoming BT
- Default Payment Method for Vendor: Outgoing Checks
- Submit Credit Vouchers: Automatically
- Default Dunning Term for Customer: Standard
- Default Payment Term for Customer: 2P10Net30
- Default Payment Term for Vendor: Net30
- Apply Changes in BP Fields to New Business Partners Only

**Blanket Agreements**

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

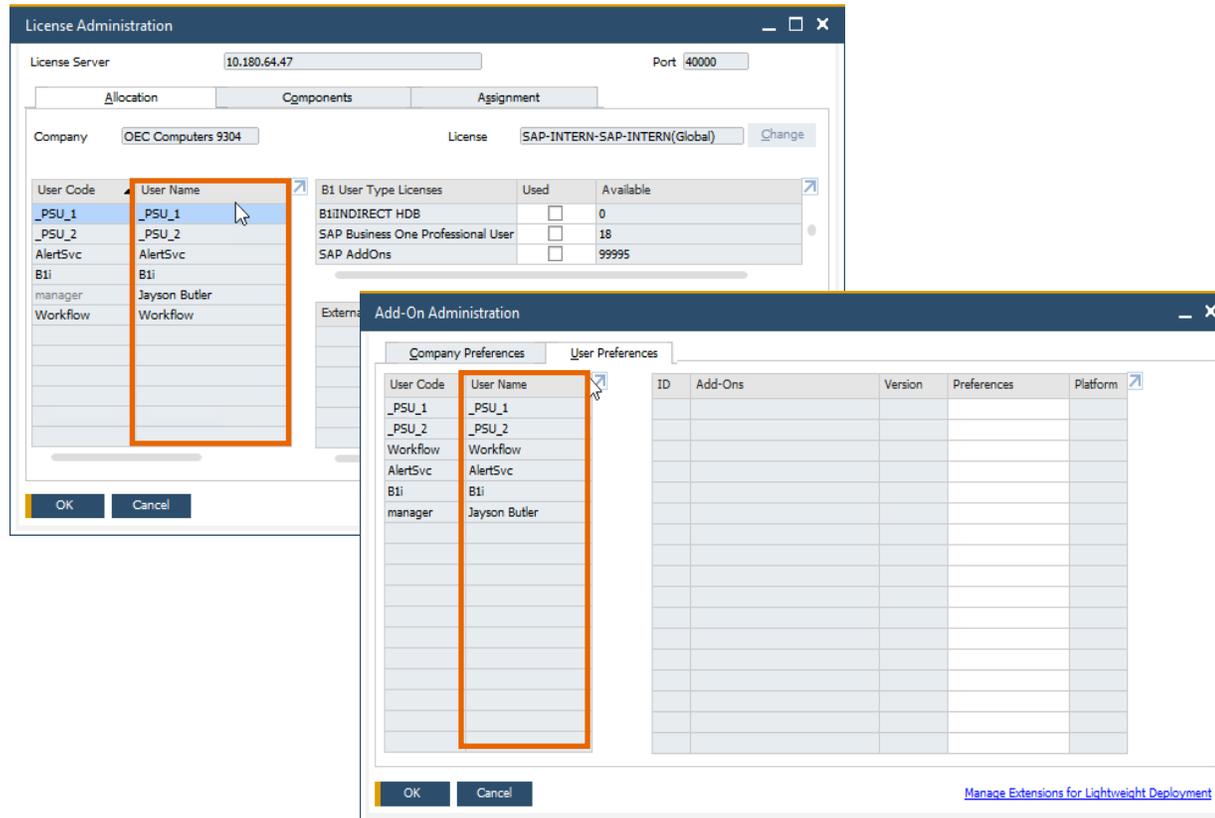
## Feature

- Ability to resize and maximize form size is supported in:  
*Company Details, General Settings, Posting Periods, Print Preferences, Checks for Payment, Document Generation Wizard, Update Special Prices Globally, Trial Balance Revaluation, General Ledger, Layout and Sequence, Request for Generation Approval, Approval Stages, Export Transactions to SAP Business One, Payment Methods, Payment Terms, Query Authorization Groups, Report and Layout Manager, UDF - Field Data, Configuration Management, Cash Flow, Add-on Manager*

## Benefit

- Increased usability by avoiding scrolling, especially in busy forms
- Alignment with standard system form behavior

# User Name in License & Add-On Administration



## Feature

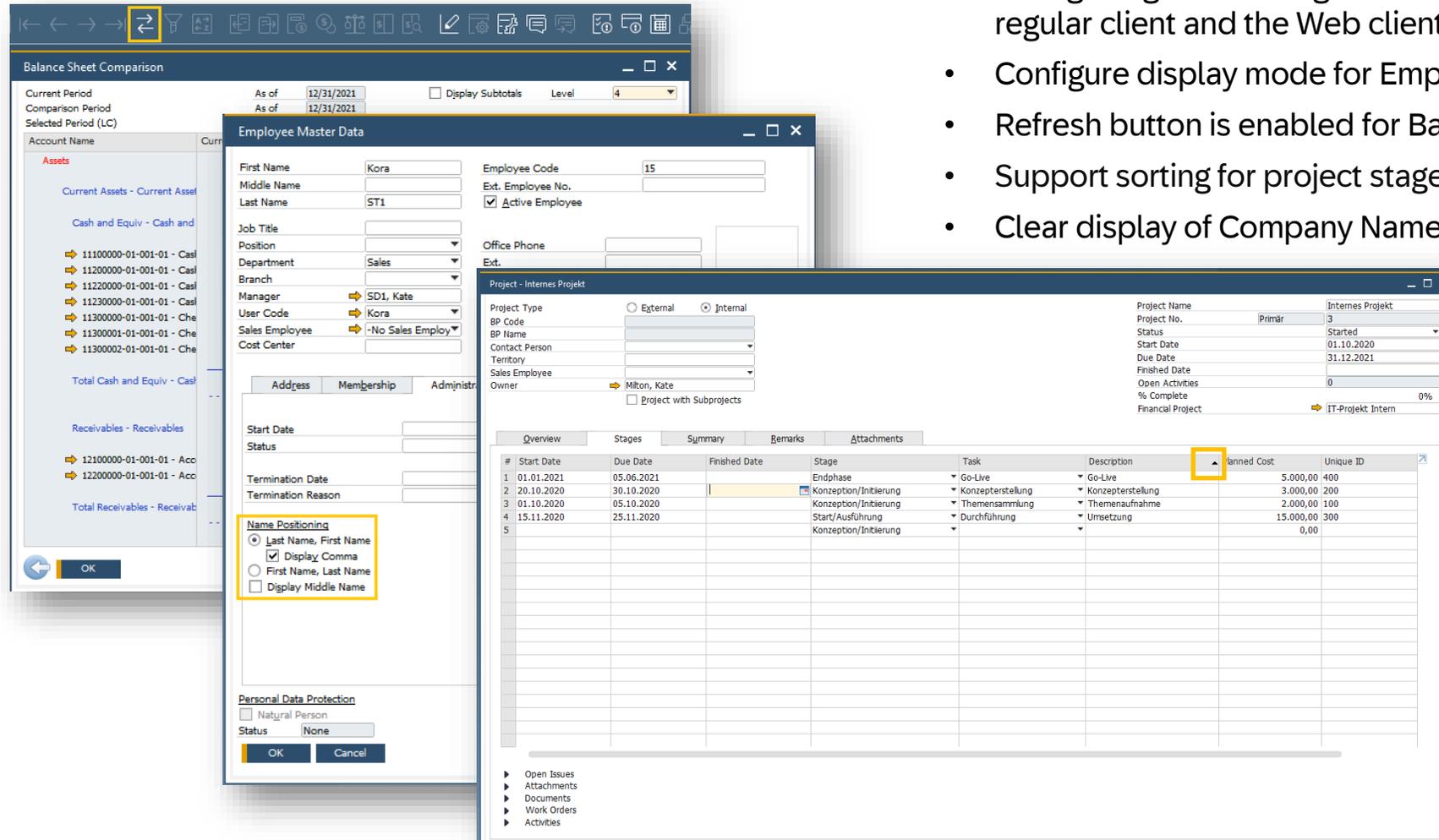
- A new column for displaying the *User Name* is added to the *Allocation* and *Assignment* tabs in **License Administration** window and to the *User Preferences* tab in **Add-on Administration** window
- Filtering according to *User Name* field is now possible within both forms
- Sorting by *User Name* is supported in the License Administration window

## Benefit

- Enhanced clarity and transparency of the user's identity by displaying the user name supports accurate license allocation and add-on administration

# Business Process Enhancements

FP2108 Update



- Change Log for Exchange Rates lists changes made in the regular client and the Web client
- Configure display mode for Employee Name
- Refresh button is enabled for Balance Sheet Comparison Report
- Support sorting for project stages
- Clear display of Company Name in minimized client window

Feature	Description	Localization
<b>Hide Locked User</b>	<p>A new checkbox 'Hide Locked User' is available in the <i>Add-on Administration, UI Configuration Template, Alerts Management, and Copy Form Settings (Users – Setup)</i> windows.</p> <p>SAP Note <a href="#">2970933</a> (FP2011)</p>	All
<b>Add Queries to SAP Business One Menu</b>	<p>Queries can be added to the SAP Business One menu via the <i>Query Manager</i> window choosing the <i>Assign to Menu</i> option. In the <i>Query Menu Registration</i> window select the <i>Menu Item</i> checkbox and specify the details where this query should be positioned.</p> <p>The display of the query is related to the user's authorization.</p> <p>SAP Note <a href="#">2970958</a> (FP2011)</p>	All
<b>Import User-Defined Tables (UDT) from Microsoft Excel</b>	<p>User-Defined Tables (UDT) can be imported from Microsoft Excel. In the <i>Data Type to Import</i> dropdown list the entry <i>User-Defined Tables</i> is available based on the UDT form authorization.</p> <p>SAP Note <a href="#">2970949</a> (FP2011)</p>	All

# Financial Management

SAP Business One 10.0



# Drill Down to G/L Account in Financial Reports

The screenshot shows a 'Profit and Loss Statement' window with the following data:

Account Name	Balance	Year-to-Date
<b>Cost of Sales</b>		
Cost of Goods - Cost of Goods Sold		
COGS - Cost of Goods Sold		
5:100000-01-001-01 - COGS - Domestic (HO, USA, GA )	(10,721.34) \$	(10,721.34) \$
Total COGS - Cost of Goods Sold	(10,721.34) \$	(10,721.34) \$
<b>Cost Variances - Cost of Goods Sold Variances</b>		
5:300000-01-001-01 - Gain/Loss Inventory Variance (HO, USA, GA )	1,000.00 \$	1,000.00 \$
5:400000-01-001-01 - Gain/Loss Price Variance (HO, USA, GA )	(750.00) \$	(750.00) \$
Total Cost Variances - Cost of Goods Sold Variances	250.00 \$	250.00 \$
Total Cost of Goods - Cost of Goods Sold	(10,471.34) \$	(10,471.34) \$
Total Cost of Sales	(10,471.34) \$	(10,471.34) \$
Gross Profit	22,212.41 \$	22,212.41 \$
<b>Expenses</b>		
General Expense - General Expenses		
Travel Expenses - Travel Expenses		

## Feature

- Golden arrows are added next to the account codes in financial reports allowing users to drill down into the account record within the *Chart of Accounts*
- Available in *Balance Sheet*, *Trial Balance*, and *Profit and Loss Statement*

## Benefit

- Direct access to account details and account balance of relevant accounts increases usability and transparency
- Streamlined with standard system behavior

# Posting Periods Enhancements

The screenshot displays the 'Posting Periods' window with a table of existing periods and a 'Posting Period' form. The table has columns for #, Period Code, Period Name, Period Status, Posting Date (From/To), and Due Date (From/To). The 'Posting Period' form includes fields for Period Code (2020), Period Name (2020), Sub-Periods (Months), No. of Periods (12), Period Indicator (Default), Period Status (Unlocked), and Dates (Posting Date From: 01/01/2020 To: 31/12/2020; Due Date From: 01/01/2020 To: 31/01/2021; Document Date From: 01/01/2020 To: 31/12/2020). It also has fields for Start of Fiscal Year (01/01/2020) and Fiscal Year (2020). A checkbox 'Create New Periods with 'Due Date To' in Next Financial Year' is checked, with 'Set to end of' set to 'January'. Other options include 'Automatically Update Period Status to 'Closing Period' for Existing Periods' and 'Days After New Period Starts' (1).

#	General			Posting Date		Due Date	
	Period Code	Period Name	Period Status	From	To	From	To
168	2019-12	2019-12	Unlocked	01/12/2019	31/12/2019	01/01/2019	31/12/2019
167	2019-11	2019-11	Unlocked	01/11/2019	30/11/2019	01/01/2019	31/12/2019
166	2019-10	2019-10	Unlocked	01/10/2019	31/10/2019	01/01/2019	31/12/2019
165	2019-09	2019-09	Unlocked	01/09/2019	30/09/2019	01/01/2019	31/12/2019
164	2019-08	2019-08	Unlocked	01/08/2019	31/08/2019	01/01/2019	31/12/2019
163	2019-07	2019-07	Closing Period	01/07/2019	31/07/2019	01/01/2019	31/12/2019
162	2019-06	2019-06	Closing Period	01/06/2019	30/06/2019	01/01/2019	31/12/2019
161	2019-05	2019-05	Closing Period	01/05/2019	31/05/2019	01/01/2019	31/12/2019
160	2019-04	2019-04	Closing Period	01/04/2019	30/04/2019	01/01/2019	31/12/2019
159	2019-03	2019-03	Closing Period	01/03/2019	31/03/2019	01/01/2019	31/12/2019
158	2019-02	2019-02	Closing Period	01/02/2019	28/02/2019	01/01/2019	31/12/2019
157	2019-01	2019-01	Closing Period	01/01/2019	31/01/2019	01/01/2019	31/12/2019
156	2018-12	2018-12	Closing Period	01/12/2018	31/12/2018	01/01/2018	31/12/2018
155	2018-11	2018-11	Closing Period	01/11/2018	30/11/2018	01/01/2018	31/12/2018
154	2018-10	2018-10	Closing Period	01/10/2018	31/10/2018	01/01/2018	31/12/2018
153	2018-09	2018-09	Closing Period	01/09/2018	30/09/2018	01/01/2018	31/12/2018
152	2018-08	2018-08	Closing Period	01/08/2018	31/08/2018	01/01/2018	31/12/2018

## Feature

- A new checkbox added to the Posting Periods window enables to define the default “*Due Date To*” to be set when creating new posting periods
- The sorting of columns is now possible within the Posting Periods form
- Filtering is now possible within the Posting Periods form
- The *Find* field allows for quick free-text searching

## Benefit

- Simplifies and streamlines the creation of new financial periods
- Enhanced usability of the Posting Periods table, highly significant for businesses with long list of posting periods

# Extend Journal Entry Remarks to 254 Characters and Increase Length of Ref. 3 Fields

FP2008 Update

Journal Entry

Series	Number	Posting Date	Due Date	Doc. Date	Remarks	
Primary	5632	02/09/2019	02/09/2019	02/09/2019		
Origin	Origin No.	Trans. No.	Template Type	Template	Indicator	Project
Trans. Code	Ref. 1	Ref. 2	Ref. 3			

Remarks (254 Characters)

## Feature

- The Remarks field in Journal Entry is extended and may contain up to 254 characters
- The length of the *Ref. 3* fields in the header and rows are increased to 100 characters (**FP2008**)  
See SAP Note [2949589](#)

Journal Entry

Series	Number	Posting Date	Due Date	Doc. Date	Remarks	
Primary	6560	20.10.20	20.10.20	20.10.20		
Origin	Origin No.	Trans. No.	Template Type	Template	Indicator	Project
Trans. Code	Ref. 1	Ref. 2	Ref. 3			

Blanket Agreement

Contents Attachments

Expand Editing Mode

#	G/L Acct/BP ...	G/L Acct/BP Name	Debit	Credit	Rem...	Ref. 1	Ref. 2	Ref. 3	Tax Group	Federal Tax
1										

Reference 3 (100 Characters)

## Benefit

- Allows to enter more detailed information related to the journal entry
- The alignment with Remarks field size in marketing documents fully supports setting it as reference fields, while previously, remarks >50 characters would cut-off when copied to the Remarks in Journal Entry

# Period End Closing - Journal Entry Series

FP2108 Update

Period-End Closing - Selection Criteria

BP

Code From To # X Account

Customer Group All

Supplier Group All

Properties Ignore

Period 2020 From 2020-01 To 2020-12

Retained Earnings Account 0010

Period-End Closing Account 9020

Execute Cancel Expanded Previous Report **Settings**

Period-End Closing Settings

**Closing Balance Settings**

Ref. 1 Closing 2020

Ref. 2

Value Date 31.12.2020

Document Date 31.12.2020

**Opening Balance Settings**

Ref. 1 Opening 2021

Ref. 2

Posting Date 01.01.2020

Value Date 01.01.2020

Document Date 01.01.2020

Series 2020

Series 2021

Display Control Accounts in Report

Display Business Partners in Report

OK Cancel

Period-End Closing

For Closing Period 169 From 2020-01 To 2020-12

**Closing Balance**

Ref. 1	Ref. 2	Value Date	Document Date	Remarks
Closing 202		31.12.2020	31.12.2020	For Closing Period 169

**Opening Balance**

Ref. 1	Ref. 2	Posting Date	Value Date	Document Date	Remarks
Opening 202		01.01.2021	01.01.2020	01.01.2020	For Closing Period 169

#	Approved	Control Account	G/L Acct/BP Code	G/L Acct/BP Name	Currency	Balance (L)	Balance (SC)
1	<input type="checkbox"/>	8120	8120	Umsatz Drittland - steuerfr. §4 Nr.1a,2-7 UStG	EUR	-31.601,69	-31.601,69
2	<input type="checkbox"/>	8125	8125	Umsatz EU - steuerfreie innergem. Lieferungen	EUR	-13.929,60	-13.929,60
3	<input type="checkbox"/>	8400	8400	Erlöse 16% USt / 19% USt	EUR	-128.396,62	-128.396,62
4	<input type="checkbox"/>	8730	8730	Gewährte Skonti	EUR	969,83	969,83
5	<input type="checkbox"/>	2660	2660	Erträge aus Kursdifferenzen	EUR	-144,58	-144,58
						-173.102,66	-173.102,66

Execute Cancel  Create Auto. Remarks Save

## Requirement

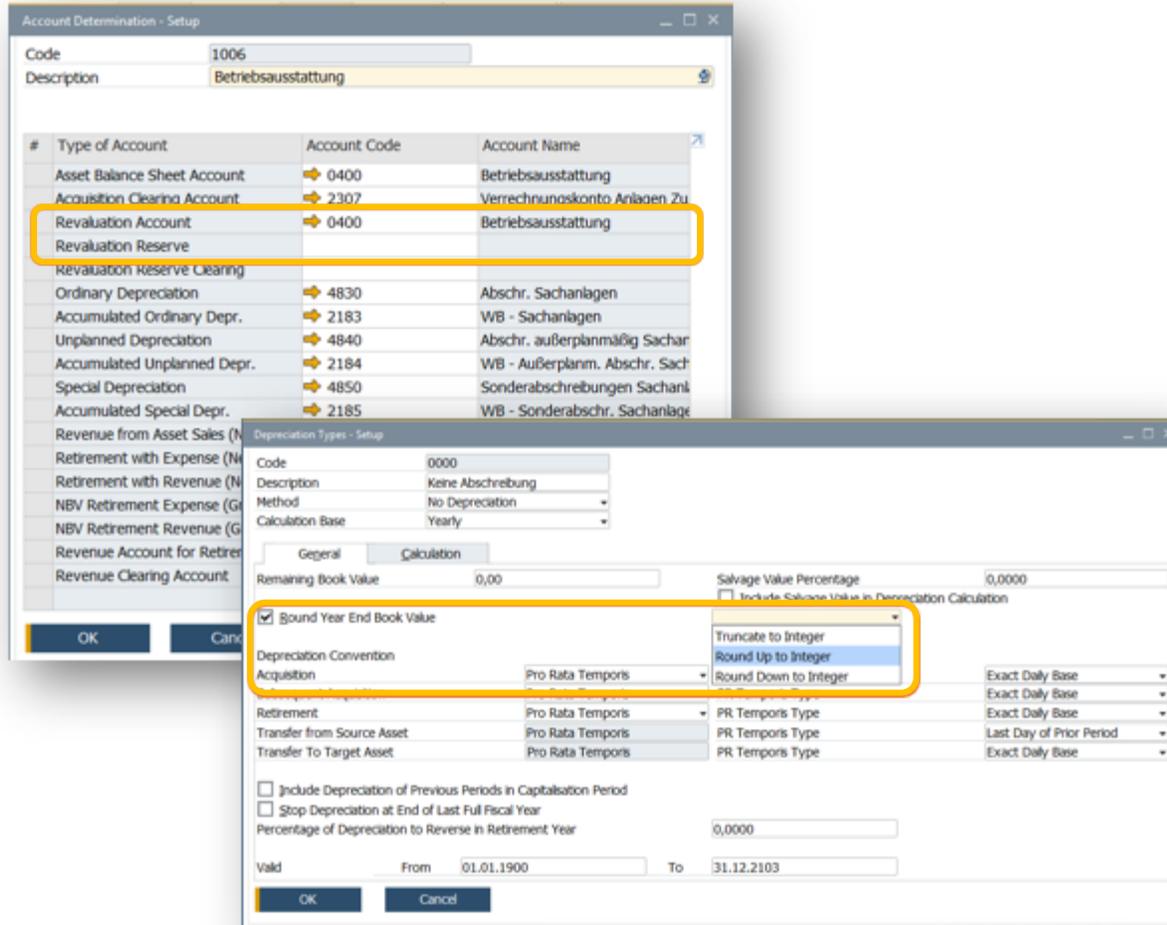
- Consistent document numbering in the accounting through the same accounting period,
- French legal requirement for legal audit.

## Solution

- Setting for the Journal Entry series for different accounting periods are enabled for Closing and Opening Balances in the Period End Closing Utility,
- Setting for the Journal Entry series in Exchange Rate Differences Report,
- Setting for the Journal Entry series in Conversion Differences,
- Enabled to all localizations.
- SAP Note: [3084579](#)

# Fixed Assets Enhancement

FP2108 Update



## Requirements

- Specific G/L account for the Revaluation transactions of Fixed Assets should be used,
- Round fixed assets book value up or down of the whole amount.

## Solution

- New Revaluation Account is introduced on Fixed Assets Account Determination,
- Default value: the same as Asset Balance Sheet Account,
- New rounding methods for the Year End Book Value.
- SAP Note: [3083952](#)

Feature	Description	Localization
<b>Warn Message Before Adding Manual Journal Entries</b>	When adding a manual <i>Journal Entry</i> a system message appears to warn that journal entries cannot be changed after adding them. SAP Note <a href="#">2923187</a> (FP2008)	All

Feature	Description	Localization
<b>Updating Reference Field in Journal Entries with Locked Posting Periods</b>	Update of the <i>Remarks, Ref1, Ref2, Ref3</i> , and User-Defined Fields in journal entries with locked posting periods is enabled. SAP Note <a href="#">2968895</a> (FP2011)	All
<b>Bank Statement Processing (BSP) Enhancements</b>	<p>In the <i>Bank Statement Row – Details: Expanded</i> window, for bank statement rows whose posting method is <i>Business Partner from/to Bank Account</i>:</p> <ul style="list-style-type: none"> <li>- Distribution rules can be defined</li> <li>- Sales and purchase orders can be added using the <i>Add Open Documents</i> window. BSP will create down payment invoices or requests based on the orders</li> </ul> <p>In the <i>Bank Statement Details</i> window:</p> <ul style="list-style-type: none"> <li>- For bank statement rows whose posting method is <i>Business Partner from/to Bank Account</i>, and for which any document is selected, the control account can be defined</li> <li>- When you have selected the checkbox <i>No Validation for Starting/Ending Balance</i> in the <i>House Bank Accounts - Setup</i> window, the bank statement can be finalized even if the difference does not equal zero; and the starting balance of your current bank statement can be different to the ending balance of the previous one</li> </ul> <p>See more details in SAP Note <a href="#">2980038</a> (FP2011)</p>	All

Feature	Description	Localization
<b>Bank Statement Processing (BSP) Enhancements</b>	<p>In the <i>Bank Statement Row – Details: Expanded</i> window, the values in the <i>Applied Amt - Payment Currency</i> column can be updated.</p> <p>In the Bank Statement Details window, order currency can be different from the local currency.</p> <p>See more details in SAP Note <a href="#">3031178</a> (FP2102)</p>	All

Feature	Description	Localization
<b>Refresh Function in Financial Reports Enabled</b>	<p>The latest refreshed report will be displayed after clicking the <i>Refresh</i> button. The refresh functionality is available for</p> <ul style="list-style-type: none"> <li>- <i>Financials -&gt; Financial Reports -&gt; Accounting -&gt; General Ledger</i></li> <li>- <i>Financials -&gt; Financial Reports -&gt; Accounting -&gt; G/L Accounts and Business Partner</i></li> </ul> <p>SAP Note <a href="#">3047700</a> (FP2105)</p>	All
<b>Bank Statement Processing (BSP) Enhancements</b>	<p>When import a bank statement with multiple reference numbers with commas in between in the <i>&lt;Ustrd&gt;</i> field of the bank file, those numbers will be separated according to the commas as multiple rows in the <i>Multiple Payments</i> window.</p> <p>User-Defined Fields (UDFs) can be added as columns in the <i>Bank Statement Summary</i> window with the new entry <i>Bank Statement Processing – Header</i></p> <p>The <i>Create Down Payment in Bank Statement Processing</i> dropdown list for sales and purchase orders on the <i>Per Document</i> tab of the <i>Document Settings</i> window is now available for the Israel localization.</p> <p>See more details in SAP Note <a href="#">3055456</a> (FP2105)</p>	All

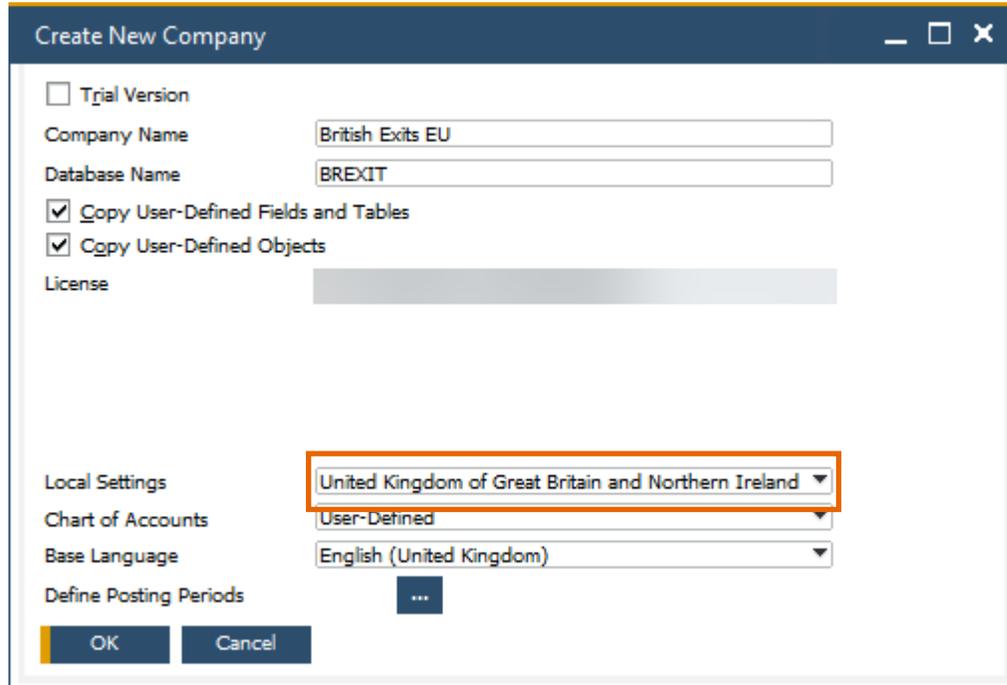
# Localization

SAP Business One 10.0



# New UK (Brexit) Localization

FP2008 Update



The screenshot shows the 'Create New Company' dialog box. The 'Local Settings' dropdown menu is highlighted with a red box, showing 'United Kingdom of Great Britain and Northern Ireland' selected. Other fields include 'Company Name' (British Exits EU), 'Database Name' (BREXIT), and 'Base Language' (English (United Kingdom)).

## Feature

- New localization introduced for *United Kingdom of Great Britain and Northern Ireland* to support post-Brexit
- In this localization *Make Tax Digital* and *Extended Tax Reporting* are set by default
- See SAP Note [2519116](#)
- *Localization Migration Utility (FP2008)*  
See SAP Note [2912598](#)

## Benefit

- Smooth transition from pre-Brexit GB Localization to the new UK Localization

# European Union - One Stop Shop Enhancement

FP2202 Update

**Tax Report - Selection Criteria**

Selection Criteria Name: \_\_\_\_\_

Date: Posting Date From 01.01.2022 To 31.12.2022

Series

Trans. Type

**Output**

Code	Name	Display	Amount
E11	Inneregemeinschaft	<input type="checkbox"/>	<input type="checkbox"/>
E12	Inneregemeinschaft	<input type="checkbox"/>	<input type="checkbox"/>
E2	Inneregemeinschaft	<input type="checkbox"/>	<input type="checkbox"/>
E7	Steuerfreie Innerg.	<input type="checkbox"/>	<input type="checkbox"/>
E8	Inneregemein. Erv.	<input type="checkbox"/>	<input type="checkbox"/>
E81	Inneregemein. Erv.	<input type="checkbox"/>	<input type="checkbox"/>
E82	Inneregemein. Erv.	<input type="checkbox"/>	<input type="checkbox"/>
SK20	SK 20%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Z99	Bsp.Umsätze Belg.	<input type="checkbox"/>	<input type="checkbox"/>

**Output Mode**

One-Stop Shop Declaration

Hide Tax Codes Without Transactions

Round Amounts

OK Cancel

**Tax Report - Declaration**

#	Tax Code	Tax Gro...	EU	Tax %	Doc. No.	Posting ...	Document ...	Base Amo...	Tax Amount	Total Tax	Non-Deductible
1	SK20	SK 20%	No	20,0000				100,00 EUR	20,00 EUR	20,00 EUR	0,00 EUR
2											
3								100,00 EUR	20,00 EUR	20,00 EUR	0,00 EUR
4											
5	E1	Inneregemein									0,00 EUR
6	E11	Inneregemein									0,00 EUR
7	E12	Inneregemein									0,00 EUR
8	E2	Inneregemein									0,00 EUR
9	E7	Steuerfreie I									0,00 EUR
10	E8	Inneregemein									0,00 EUR
11	E81	Inneregemein									0,00 EUR
12	E82	Inneregemein									0,00 EUR
13	N1	Vorsteuer 16									0,00 EUR
14	N11	Vorsteuer 16									0,00 EUR
15	N12	Vorsteuer 15									0,00 EUR
16	U1	Einfuhrumsa									0,00 EUR

**Layout and Sequence**

Choose Document Type

Steuerbericht

Layout	Type
One Stop Shop Declaration - CR	Layout - CR
Steuerbericht (System)	Layout - PLD
Tax Report (System)	Layout - PLD

Format Electronic File

**EFM Report Form : [Format]**

Output File Name

C:\Users\UAT9\AppData\Local\Temp\11\EfmExport\_20220221\_203555(form.488.sk.xml) 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 [One Stop Shop Declaration_HANA] 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 Log File

## Requirement

- Reporting of the specific transactions relates to the OSS tax regime,
- Possibility to have the output in electronic format.

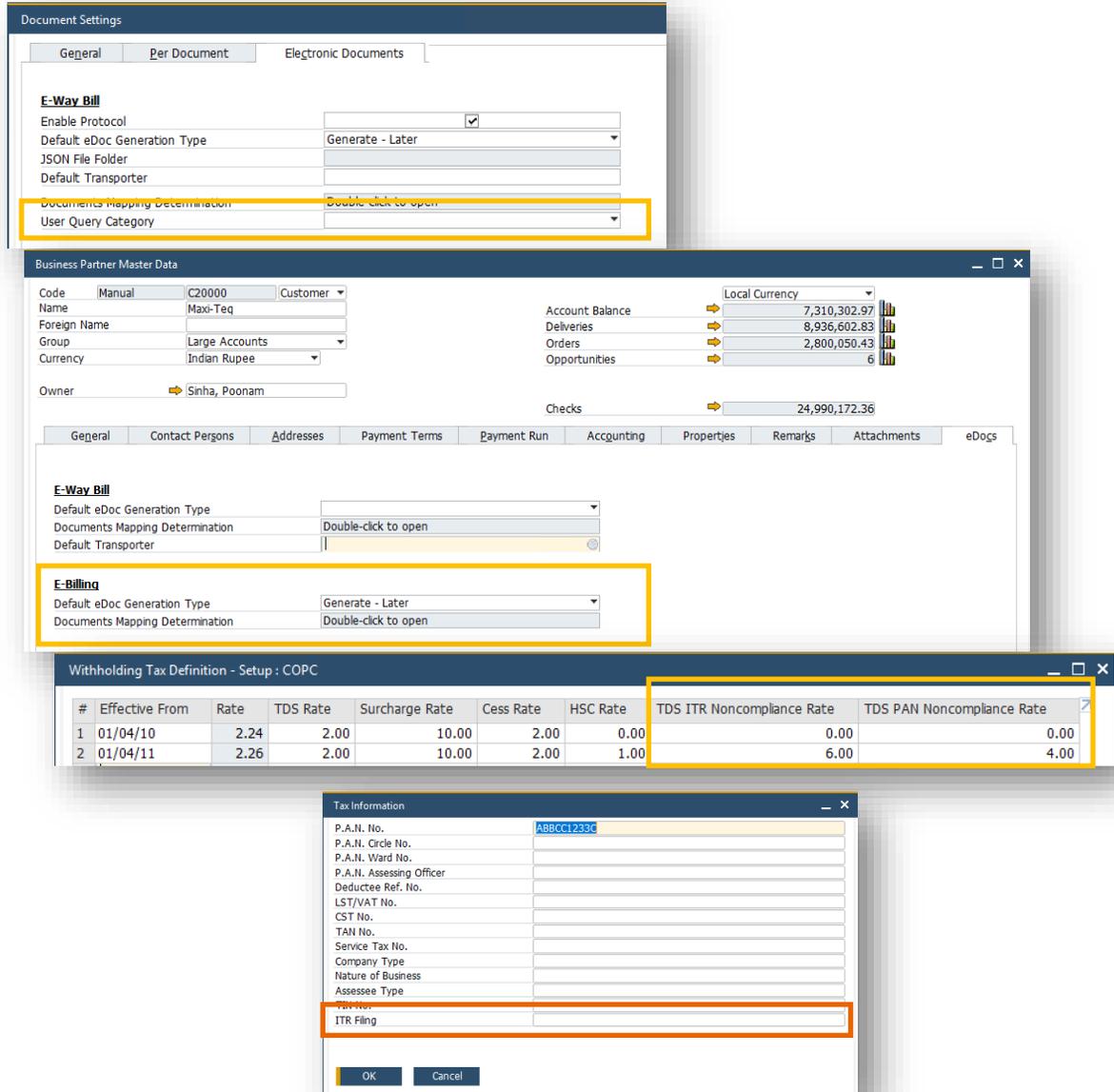
## Solution

- Separate output regime available in the Tax Report,
- New Electronic File Manager mapping file created in format of print layout,
- Enabled to all EU localizations.
- SAP Note: [3143352](#)



# India - Localization Enhancements

FP2202 Update



## Requirements

- E Way Bill enhancement: default values, protocol setup
- E Bill enhancement: default protocol for the BP
- Higher TDS/TCS Rate

## Solution

- Default values in E Way Bill form, User Query Category is added to the protocol setup, HSN fields are exposed in DI API
- SAP Note: [3147725](#)
- E Bill protocol can be set in BP master Data
- SAP Note: [3147739](#)
- New rates are added to the Withholding Tax setup, in case P.A.N/ITR are not set, the higher rate will be used,
- SAP Note: [3142500](#)

# Japan - Qualified Invoice Method

FP2202 Update

The screenshot displays the SAP A/R Invoice form. The 'Contents' tab is active, showing a table of items with columns for Item No., Quantity, Unit Price, Disc., Tax Code, and Total (LC). Tax codes S04 and S05 are highlighted in orange. Below the table, the 'Sales Employee' is '桐野 義三郎' and the 'Owner' is '大瀬 達也'. The 'Total Before Discount' is JPY 55,218, and the 'Tax' is JPY 4,981, both highlighted in orange. A 'Tax Details' dialog box is open in the foreground, showing a table with columns for Tax Code, Tax Rate, Net Amount (LC), Tax Amount (LC), and Total (LC). Tax codes S04 and S05 are highlighted in orange.

#	Item No.	Quantity	Unit Price	Disc...	Tax Code	Total (LC)
1	A00001	83	JPY 167	0.0000	S04	JPY 13,861
2	A00002	197	JPY 67	0.0000	S04	JPY 13,199
3	A00003	57	JPY 77	0.0000	S05	JPY 4,389
4	A00004	57	JPY 417	0.0000	S05	JPY 23,769

Tax Code	Tax Rate	Net Amount (LC)	Tax Amount (LC)	Total (LC)
S04	8.0000%	JPY 27,060	JPY 2,165	JPY 29,225
S05	10.0000%	JPY 28,158	JPY 2,816	JPY 30,974
		JPY 55,218	JPY 4,981	JPY 60,199

## Requirement

- Tax calculation on documents to be done per specific Tax Code.
- Amounts visualized per Tax Code on the form as well as in a new Print Layout.
- Monthly Invoice to follow the same rules and create correction entry if needed.

## Solution

- Tax Details calculated per Tax Code provided under link from Marketing Document header.
- New Print Layouts for Marketing Documents and Monthly Invoice containing Tax Details.
- Monthly Invoice recalculates Taxes by Tax Code and creates an adjustment transaction if needed.
- Further enhancements related to Monthly Invoice.
- See SAP Note [3143362](#) for more details.

# Argentina - Withholding Tax (Perception) in the Automatic Credit Memo

FP2202 Update

The screenshot shows the 'Withholding Tax Codes - Setup' window with the following table:

#	Crédito/ND por descuento	Asignable a	Jurisdicción de envío desde	Jurisdicción de envío hasta	Pago a plazos	Calculate in automatic credit memo
1		SN y Artículo	All	All	Aplicar todo el impuesto en el primer pago	<input checked="" type="checkbox"/>
2		SN y Artículo	All	All	Aplicar todo el impuesto en el primer pago	<input checked="" type="checkbox"/>
3		SN y Artículo	All	All	Aplicar todo el impuesto en el primer pago	<input checked="" type="checkbox"/>
4		SN y Artículo	All	All	Aplicar todo el impuesto en el primer pago	<input checked="" type="checkbox"/>
5		SN y Artículo	All	All	Aplicar todo el impuesto en el primer pago	<input checked="" type="checkbox"/>
6		SN	All	All	Aplicar todo el impuesto en el primer pago	<input checked="" type="checkbox"/>
7		SN	Ciudad Autónoma de Buenos Aires	Ciudad Autónoma de Buenos Aires	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>
8		SN	Ciudad Autónoma de Buenos Aires	Ciudad Autónoma de Buenos Aires	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>
9		SN	Ciudad Autónoma de Buenos Aires	Ciudad Autónoma de Buenos Aires	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>
10		SN	Ciudad Autónoma de Buenos Aires	Ciudad Autónoma de Buenos Aires	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>
11		SN	Ciudad Autónoma de Buenos Aires	Ciudad Autónoma de Buenos Aires	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>
12		SN	Ciudad Autónoma de Buenos Aires	Ciudad Autónoma de Buenos Aires	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>
13	de Crédito completas	SN	Buenos Aires	Buenos Aires	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>
14		SN y Artículo	All	All	Aplicar todo el impuesto proporcionalme	<input checked="" type="checkbox"/>

Below the table, two screenshots of the 'A/R Invoice' and 'A/R Credit Memo' windows are shown. Both windows display a 'Withholding Tax Table' with the following entries:

#	Code	Name	Type	Rate	Base
1	P001	Percepcion IVA Regimen General 21%	VAT Withholding	3	
2	P002	Percepcion IVA Regimen General 10.5%	VAT Withholding	1,5	

## Requirements

- There should be a possibility to set withholding tax (perception) in that way that it will not be calculated in the automatic credit memo

## Solution

- New setting in the Withholding Tax – Setup window,
- In case the new setting is ticked off the tax is not determined in the automatic Credit Memo created by Payment,
- SAP Note: [3151644](https://me.sap.com/notes/3151644)

# European Union - Items Country of Origin Tracing

FP2208 Update

**Intrastat Configuration**

General | Commodity Codes | Regions | Ingoterms | Customs Procs | Nature of Trans. | Stat. Procs | Trigs. Modes | Ports of Entry/Exit | Suppl. Units | Intrastat Fields

VAT Reg. No. of Trader: DE499003845  
 VAT Reg. No. Extension:   
 Company Declaration ID:   
 Degree of Obligation:   
 Intrastat Declaration Office:   
 Federal State of Tax Office: BL  
 Declaring Department:   
 Validation Key Identification:   
 Track Country of Origin for Items

**AP Invoice**

Supplier: GHV1  
 Name: Vendor from LV  
 Contact Person:   
 Supplier Ref. No.:   
 BP Currency: EUR  
 No.: Primär 623  
 Status: Open  
 Posting Date: 25.08.2022  
 Due Date: 26.09.2022  
 Document Date: 25.08.2022

Item/Service Type	Item	Quantity	Unit Price	Discount %	VAT Code	Total (LC)	Country/Region ...
1	A00001 J.B. Multifunktionsdrucker 1420	100,000	110,00 EUR	0,0000	E1	11.000,00 EUR	Burkina-Faso

**Country of Origin - Assignment**

#	Doc. No.	Item No.	Item Description	Whse Code	Total Needed	Total Assigned
1	PU 623	A00001	J.B. Multifunktionsdrucker 1420	01	100	100

**Assigned Country of Origin**

#	Country/Region of Origin	Qty
1	Burkina-Faso	30,000
2	Andora	70,000

**Intrastat Declaration Wizard**

Transactions  
 Select transactions to be included in the declaration. You can change specific Intrastat details of transactions. You can also save the Intrastat declaration for later execution or reopen executed declarations for correction.

#	BP Code	BP Name	Document No.	Include	Declaration Row No.	Transaction No.	Posting Date	Business Partner Country/Region	Country/Region of Origin	Net Mass Sign	Net Mass	Mass in Supplementary Units	Value Sign	Net Value	Net Value FC	Freight in FC	Value in Foreign Currency	Foreign Currency
1	GHV1	Vendor from LV	PU-622	<input checked="" type="checkbox"/>										0,00	0,00	0,00		
2	GHV1	Vendor from LV	PU-622	<input checked="" type="checkbox"/>										0,00	0,00	0,00		
3			PU-623	<input checked="" type="checkbox"/>	1	0	25.08.2022	LV	BO	+	1.000,000	0,000	+	11.000,00	0,00	0,00		EUR
4			PU-623	<input checked="" type="checkbox"/>										0,00	0,00	0,00		
5			PU-623	<input checked="" type="checkbox"/>	2	0	25.08.2022	LV	BF	+	300,000	0,000	+	3.300,00	0,00	0,00		EUR
6			PU-623	<input checked="" type="checkbox"/>	3	0	25.08.2022	LV	AD	+	700,000	0,000	+	7.700,00	0,00	0,00		EUR

## Requirement

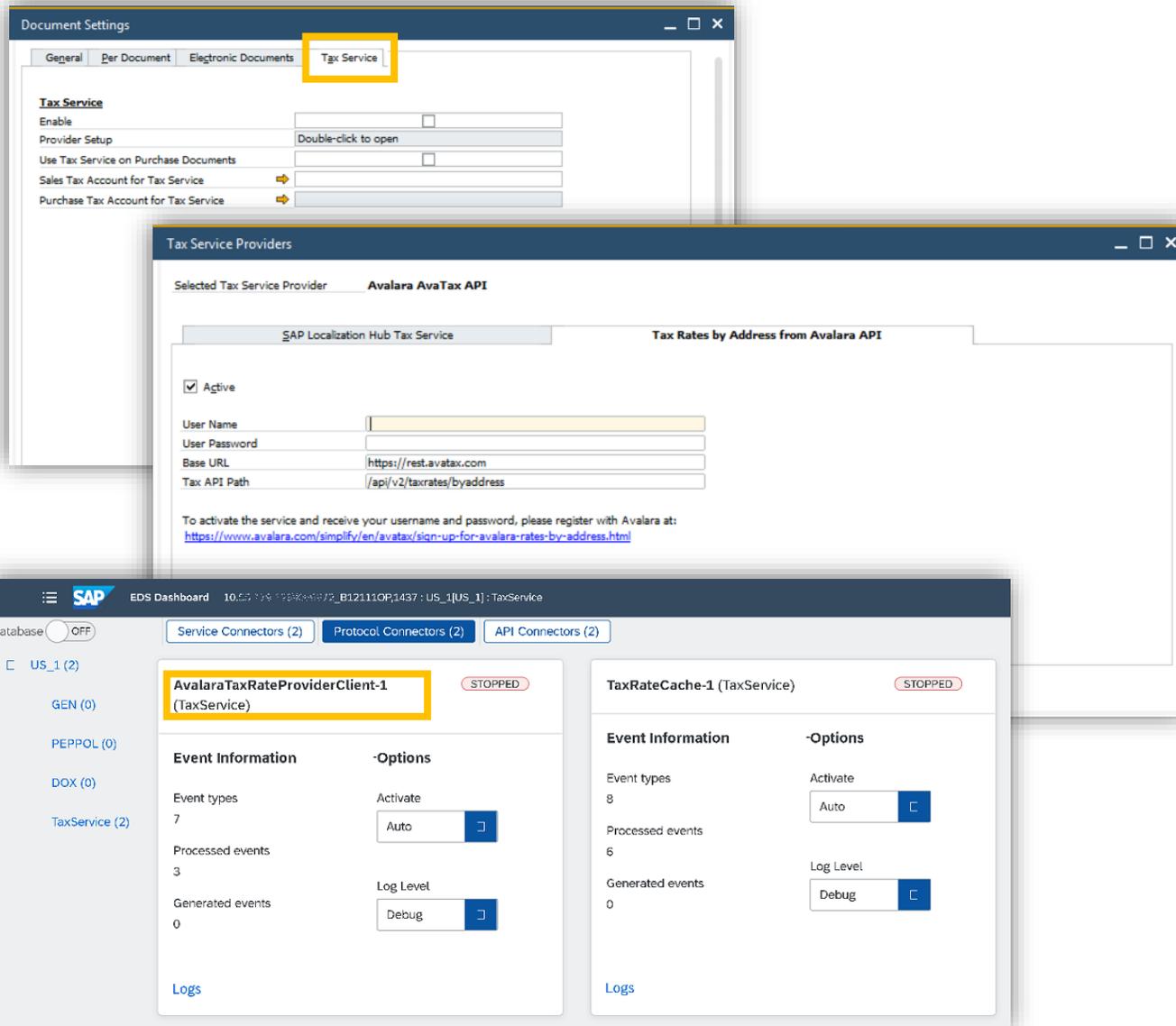
- Manage Items Country of Origin for proper reporting in the Intrastat

## Solution

- Enable assigning Country of Origins to Intrastat relevant items in the Marketing Documents lines
- Track Items Country of Origin by quantity in all documents
- Enhance Intrastat report with information from Country of Origin Assignment
- Enabled to all EU localizations
- SAP Note: [3223246](#)

# US - New Tax Service with Avalara's Tax Rates by Address

FP2208 Update



## Requirement

- In 2021, SAP internally announced its intention to sunset SAP Localization Hub Tax Service – this procedure is in process in 2022.
- SAP Business One customers can still use current SAP's service till November 30, 2022
- Replacement of the sunset online tax service needs to be introduced to provide similar experience and functionality

## Solution

- New Tax Service provider – Avalara supported with API service “Rates by Address” which provides valuable and free-or-charge service
- Out-of-box integration to Avalara API service through EDS
- New *Electronic Documents Service* connector added for Avalara integration
- Usage of Avalara tax service on marketing documents identical to usage of SAP's tax service
- SAP Note [3194512](#)

# Brazil - API Tax Enhancements - Service Layer & DI API

FP2208 Update

The image shows three overlapping SAP configuration windows. The background window is 'Company Details' with tabs for General, Accounting Data, Basic Initialization, and Localization Fields. The middle window is 'Tax Code Determination - Setup' showing a table for 'Determination Type' set to 'Material Item'. The table has columns for Priority, Key Fields 1-5, Description, and Legal Text. The first row is populated with '1', 'Business Partner', 'Item', 'State', and empty cells for the remaining key fields, description, and legal text. Below the table are fields for 'Default Tax Code for Sales' and 'Default Tax Code for Purchase', both with empty buttons. The foreground window is a confirmation dialog titled 'Company Details' with a question mark icon and the text: 'Activating external calculation of tax makes it possible to import and store tax values on purchase or sales documents from external applications and providers. Your company is liable for the accuracy of external tax values. Do you want to continue?'. It has 'Yes' and 'No' buttons.

Priority	Key Fields 1	Key Fields 2	Key Fields 3	Key Fields 4	Key Fields 5	Description	Legal Text
1	Business Partner	Item	State				

## Requirement / Solution

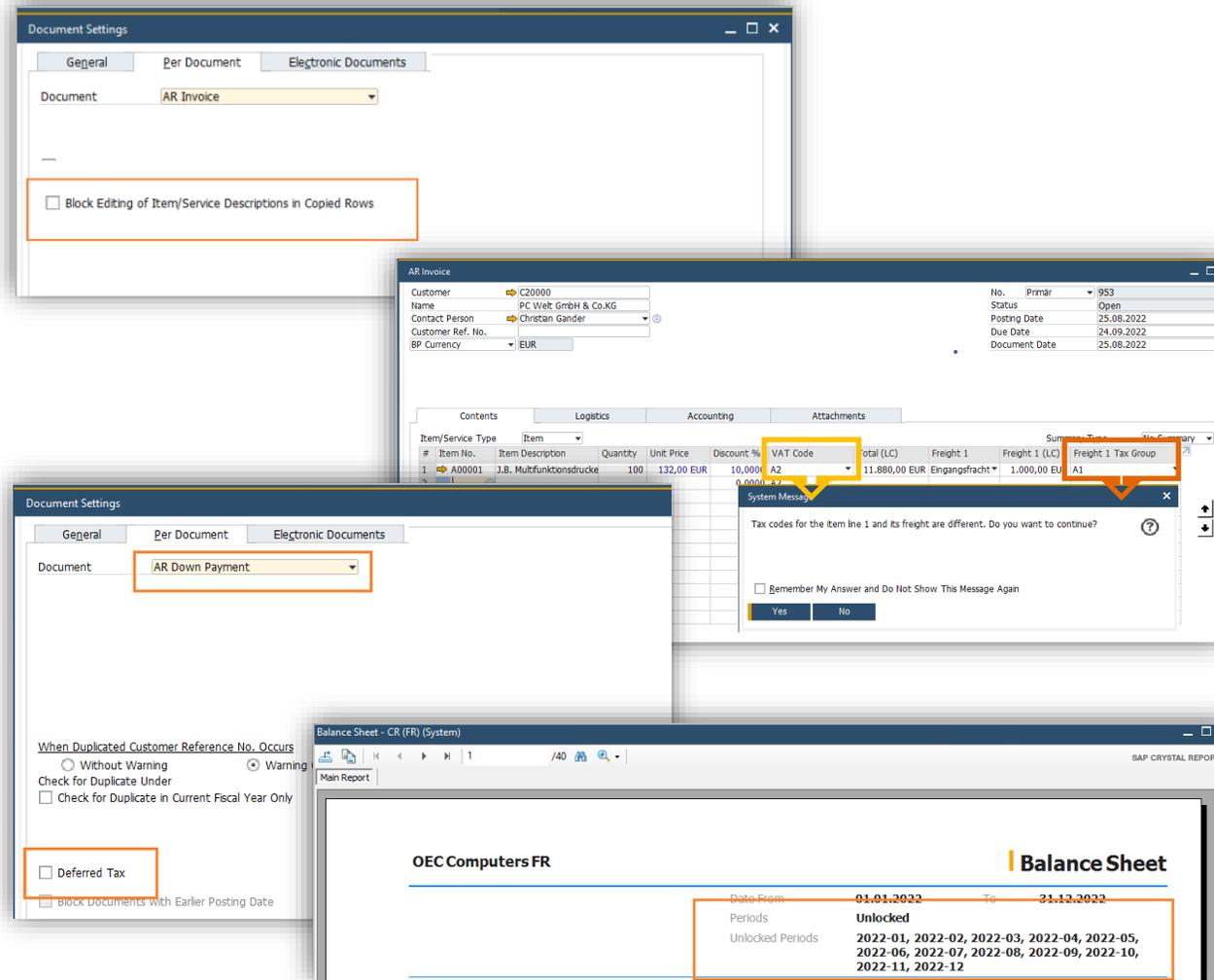
- External calculation of taxes to be allowed on A/P side similarly as on A/R side
- Tax Code Determination in Brazil localization exposed via Service Layer / DI API
- Tax fields from INV4 table exposed via SL / DI API (Base Tributada, Alíquota, Valor Tributável, Valor Insentas, etc.)

## Benefits

- Support SSPs with enhanced extensions on advanced Brazil tax functionality and foster strategic deals
- Support customers with additional scenarios through partner extensions
- SAP Notes [3227386](#), [3227700](#) and [3224708](#)

# France - Legal Compliance Enhancements

FP2208 Update



## Requirement

- Track Items/Service description in Marketing Document Chain
- Control Tax codes for Line Freights
- Post tax in the payment of Down Payment Invoice
- Legal reports enhancement.

## Solution

- New check box in Document Settings for blocking Item/Service description in the document chain, all loc
- System message with autosave option checking tax codes introduced, all loc
- New check box in Document Settings for deferred tax to be used in Down Payment Invoice as a default value for this document, FR loc
- Period status information is added to the Financials report layouts, FR loc.
- SAP Notes: [3234669](#), [3235565](#), [3237837](#), [3237883](#)

# Mexico - CFDI 4.0 Enhancements

FP2208 Update

The screenshot displays two SAP screens. The top screen is the 'A/R Invoice' window, showing fields for Customer, Name, Contact Person, Customer Ref. No., Local Currency, No., Primary, Status, Posting Date, Due Date, and Document Date. The bottom screen is the 'Business Partner Master Data' window, showing fields for Code, Manual, Customer, Name, Foreign Name, Group, Customers, Currency, and Peso Mexicano. The 'Cancellation Reason' field is highlighted in yellow. A dropdown menu is open, showing a list of codes and descriptions, with 'S01 - Sin efectos fiscales' and 'CP01 - Pagos' highlighted in yellow.

## Requirement

- When using "Request Cancel" functionality, it is not possible to specify "Cancellation Reason" field
- Additional changes to Electronic File Manager mapping files for Documents, Payments and Reconciliations
- Non-tax attribute to be considered for the exported documents
- Legal change due date was delayed to Jan 1, 2023.

## Solution

- Solution for the reported feedback and updated mapping file
- SAP Note [3237267](#)
- SAP Note [3207993](#)

# Israel - Purchase Tax in line

**FP2305 Update**

The screenshot shows the SAP A/P Invoice interface. The top section contains vendor and invoice details. The main table lists items with their respective tax codes and amounts. A red box highlights the 'Deducted Tax Code' column, which is currently set to 'E1'. A dropdown menu is open, showing three options: 'E1 - מע"מ קניית מלא', 'E2 - מע"מ קניית 2/3', and 'E3 - מע"מ קניית 1/4'.

#	Item No.	Quantity	Unit Price	Total (LC)	Deducted Tax Code	Deducted Tax %	Deducted Tax Amount (LC)	Non-Deductible Tax Amount (LC)
1	A00001	1	ILS 4,000.00	ILS 4,000.00	E1	100.000000	ILS 680.00	
2	A00002	1	ILS 2,000.00	ILS 2,000.00	E2	66.666667	ILS 226.67	ILS 113.33
3	A00003	1	ILS 3,000.00	ILS 3,000.00	E3	25.000000	ILS 127.50	ILS 382.50
4	A00004	1	ILS 5,000.00	ILS 5,000.00	E1	100.000000	ILS 850.00	
5								

- With the new checkbox **Enable Applying Non-deductible Purchase Tax on Expense Account**

you can now manage different deducted purchase tax in one A/P document, per row.

This working method allows you purchase different items with different deducted purchase tax in the same purchasing document. For example, items you are only allowed to deduct 2/3 or 1/4 of the tax %, as defined by the Israel Tax Authority. For more information, see SAP Note [3235805](#)

\*This is the current state of planning and may be changed by SAP at any time.

# Israel - Electronic Document Signature

**FP2305 Update**

The screenshot displays two SAP windows. The left window, 'Electronic Document Monitor', shows a table with the following data:

#	Type	Status	Doc. Number	BP Code	BP Name
1	A/R Document	Authorized	IN 1000	C20000	סקיים
2	A/R Document	Authorized	IN 1001	C20000	סקיים

The right window, 'A/R Invoice', shows the following details:

- Customer: C20000
- Name: ושות רואי חשבון ויועצים עסקיים
- Contact Person: תומר אזולאי
- Customer Ref. No.:
- Local Currency:
- No. Digital: 1001
- Status: Open
- Posting Date: 04/05/23
- Due Date: 01/07/23
- Document Date: 04/05/23

The 'Electronic Documents' tab in the A/R Invoice window is highlighted in red.

- You can now send your marketing documents for digital signature process. SAP Business One sends the document in a PDF file to a third-party server, called Comsign, and gets back a signed document.
- For more information, see SAP Note [3310648](#)

The screenshot shows a document with the following details:

- מחשבי OEC** (OEC Computers): התדרה 15, רעננה 43665, IL
- מקור** (Source): עמוד 1/1, תאריך אסמכתא 04/05/23, מספר עוסק מורשה - כרטיס 1001
- חשבונית** (Invoice): מס' לקוח C20000, הסימון שלך איש הקשר שלך בועז לין
- מספר מסמך** (Document Number): 1001
- תאריך אסמכתא** (Signature Date): 04/05/23
- מספר עוסק מורשה - כרטיס** (Tax ID): 1001
- מספר מסמך** (Document Number): C20000
- הסימון שלך** (Your Signature): איש הקשר שלך בועז לין
- כתובת אספקה** (Delivery Address): תל-אביב 21587, המאזן 39, IL
- אדלר אדם ושות רואי חשבון ויועצים עסקיים** (Adler Adam & Co. Accountants & Tax Advisors): כמו כתובת החיוב

A Comsign logo is visible on the left side of the document.

\*This is the current state of planning and may be changed by SAP at any time.

# Greece E-Book Stamp Duty enhancements

FP2305 Update

#	Name	Description	Version	Format Type
1	eDoc EBooks - Expense Classification (System)	eDoc EBooks - Expense Classification (System)	1.02	Electronic Document for E-Books Expense Classification
2	eDoc Document Information Extraction - Marketing Documents Import (System)	eDoc Document Information Extraction - Marketing Documents Import (System)	1.06	Electronic Document for Document Information Extraction Import
3	Electronic Revenue-Expense Report MYF (System)	Electronic Revenue-Expense Report MYF (System)	1.00	Electronic Authority Report (APP)
4	eDoc EBooks - Web Services (System)	eDoc EBooks - Web Services (System)	1.0	Electronic Document for E-Books Web Service
5	eDoc EBooks - Marketing Documents (System)	eDoc EBooks - Marketing Documents (System)	1.14	Electronic Document for E-Books
6	eDoc PEPPOL - WS Parameters (System)	eDoc PEPPOL - WS Parameters (System)	1.06	Electronic Document for PEPPOL Web Service
7	eDoc PEPPOL - Credit Note (System)	eDoc PEPPOL - Credit Note (System)	1.04	Electronic Document for PEPPOL Credit Note
8	eDoc PEPPOL - Marketing Documents (System)	eDoc PEPPOL - Marketing Documents (System)	1.14	Electronic Document for PEPPOL Invoice
9	eDoc PEPPOL - Credit Note Import (Custom)	eDoc PEPPOL - Credit Note Import (Custom)	1.02	Electronic Document for PEPPOL Import

#	Item No.	Quantity	Unit Price	Total (LC)	Record Type	Stamp Duty Category	Other Taxes Category	Fees Category
1	A00001	1	EUR 600,00	EUR 600,00	1	1		
2	A00001	1	EUR 600,00	EUR 600,00	2		1	
3	A00002	1	EUR 300,00	EUR 300,00	3			1
4	A00003	1	EUR 450,00	EUR 450,00		1	- Χαρτόσημο 1,2 %	
						2	- Χαρτόσημο 2,4 %	
						3	- Χαρτόσημο 3,6 %	
						4	- Λοιπές περιπτώσεις Χαρτοσήμου	
						Define New	- Define New	

## Requirement

- One-to-one mapping between the items of the issuer's myDATA invoice and the recipient's expense classification, IAPR (AADE) introduced a new method to submit the expense classifications per invoice logic in Feb of 2023;
- The new way of handling matched expenses is based on updated schema of ExpensesClassificationsDoc XML v1.0.6 and is switched on by a new parameter in the call of API method `sendExpensesClassification`.

## Solution

- New fields in the marketing documents Record Type/Stamp Duty/Other Taxes/Fees with valid values are introduced;
- New schemas are included;
- For more information, see SAP Note [3290165](#).

# India – eTDS & Down Payment Request

FP2305 Update

The screenshot displays three SAP windows related to TDS and down payment requests:

- Withholding Tax - Setup:** A table listing various TDS codes (e.g., COIC, COPC, PRIC) and their corresponding tax rates and thresholds. A red box highlights the 'Use in A/P Down Payment Requests' column, where several entries are checked.
- A/P Down Payment Request:** A form for creating a down payment request. It includes fields for Vendor (V20000), Name (Lasercom), and Contact Person (Jimmy Miller). A summary table at the bottom shows the total amount due, including TDS. A red box highlights the 'Total Amount Due' field, which is INR 9,000.00.
- Outgoing Payments:** A window showing a list of payments. A red box highlights the 'WTax Amount' column, which shows INR 360.00 for the selected payment.

## Requirement

- TDS should be deducted at the time of payment or invoice – whichever is earlier.

## Solution

- TDS can be assigned in the A/P Down Payment Request;
- Once the request is selected for the payment the TDS is deducted;
- For more information, see SAP Notes [3311856](#), [3288719](#).

# AR – Fixed Assets Transfer & Generic Enhancements

FP2305 Update

The image displays three overlapping SAP windows. The top window is the 'Capitalization' screen, showing fields for Origin (IF), Origin No. (1), No. (3), Primary (3), Status (Posted), Posting Date (07/10/2023), Document Date (07/10/2023), and Asset Value Date (07/10/2023). Below these are checkboxes for 'Use Projects' and 'Use Distribution Rules', and a table with columns for Asset No., Asset Description, Total (LC), Quantity, Remarks, Branch, Product Line, and Project. The middle window is the 'Landed Costs' screen, showing Vendor (I20000), Lasercom, Broker (I23000), Anthony Smith, and a 'Closed Document' checkbox. It also has a table with columns for Item No., Qty, Base Doc. Price, Base Doc. Value, Proj. Cust., Expenditure, Whse Price, Total, Customs Value, Alloc. Costs Val., and Total C... The bottom window is another 'Capitalization' screen, identical to the top one, but with a toolbar at the top containing various icons, one of which (a document with a pencil) is circled in red.

## Requirements

- AR: Fixed Asset physical transfer to be included to the transportation document
- All: Landed Cost to affect Fixed Assets
- All: Journal Entry numbering series selection in the depreciation run

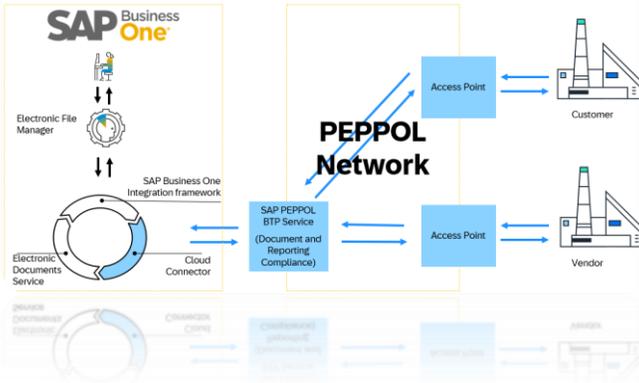
## Solution

- AR: new tab in the Transfer
- AR: new document in the Transportation Document
- Automatic Capitalization for the Landed Cost
- New Numbering Series for the Depreciation Run
- Print possibility for all Fixed Assets transactions documents
- Project and Distribution Rules fields are added to all Fixed Assets transaction documents

# Japan: eDocument support with PEPPOL

FP2405 Update

PEPPOL E-2-E SAP Business One Scenario



A/R Monthly Invoice - Selection Criteria

By Customer Summary

Filter Setup Electronic Documents

**PEPPOL**

eDoc Generation Type	Generate
eDoc Format	
Documents Mapping Determination	Double-click to open
eDoc Type	

OK Cancel

Document Settings

General Per Document Electronic Documents

**Generic eDoc Protocol**

Enable Protocol	<input type="checkbox"/>
Encrypt Sensitive Parameters	<input type="checkbox"/>
Default eDoc Generation Type	Not Relevant
Processing Target Setup	Double-click to open
Document Import Source Path	
Processed Imported Documents Path	
Documents Mapping Determination	Double-click to open
User Query Category	

**Sender Details**

Sender Name	
Sender E-Mail	

**User Notifications**

Notification by System Alert	<input type="checkbox"/>
Notification by E-Mail	<input type="checkbox"/>
Keep Datasource File	<input type="checkbox"/>

**PEPPOL**

Enable Protocol	<input checked="" type="checkbox"/>
Encrypt Sensitive Parameters	<input type="checkbox"/>
PEPPOL VAT Structure	
Participant ID	
Default eDoc Generation Type	Generate
Processing Target Setup	Double-click to open
Document Import Source Path	
Processed Imported Documents Path	
Documents Mapping Determination	Double-click to open
User Query Category	

**Sender Details**

Sender Name	
Sender E-Mail	

**User Notifications**

Notification by System Alert	<input type="checkbox"/>
Notification by E-Mail	<input type="checkbox"/>
Keep Datasource File	<input checked="" type="checkbox"/>

PEPPOL BIS Code Lists - Selection Criteria

Business Interoperability Specification Code List Type Invoice Type Code

OK Cancel Import from Excel

PEPPOL BIS Code Lists - Setup

#	Code List	Code	Description
1	Invoice Type Code		

A/R Invoice

Customer	No. 222	Status	Open
Name		Posting Date	2024/02/08
Contact Person		Due Date	
Customer Ref. No.		Document Date	2024/02/08
Local Currency			

Contents Logistics Accounting Electronic Documents Attachments

**PEPPOL**

eDoc Generation Type	Generate
eDoc Format	eDoc PEPPOL - Marketing Documents (System)
Documents Mapping Determination	Double-click to open
Document Status	New
eDoc Type	
eDoc Number	

Sales Employee: 営業担当員

Owner:

Payment Order Run

Remarks:

Total Before Discount	
Discount	%
Total Down Payment	
Freight	
Tax	
Total	JPY 0
Applied Amount	
Balance Due	

Add & New Add Draft & New Cancel Copy From Copy To

- Support for the Invoices and **Monthly Invoices** for Peppol
- More information: [Peppol | SAP Help Portal](#), [SAP Note 3438334](#)

# Singapore: eDocument support with PEPPOL

FP2405 Update

**Peppol-Ready Accounting / ERP solution providers** — COLLAPSE ALL

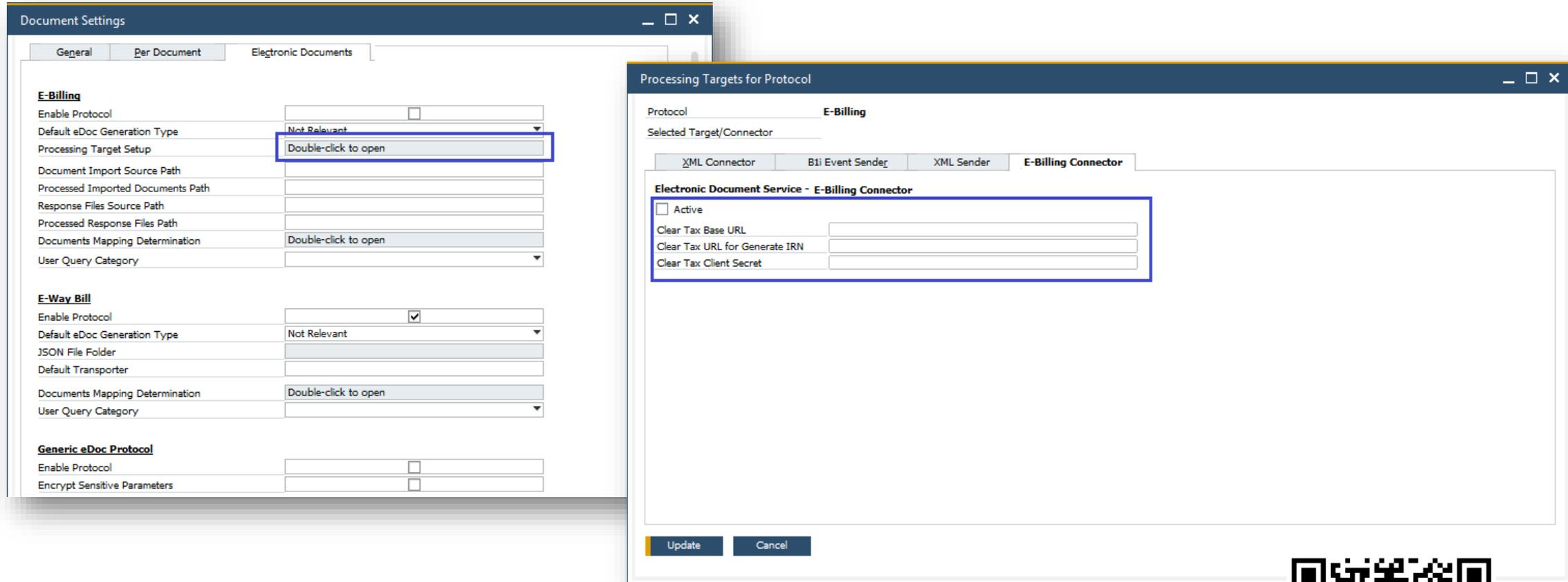
**Solution providers** ^

Solution provider	Solution name	InvoiceNow link	InvoiceNow video (and PDF) resources
Abacus Technologies Pte Ltd	TallyPrime	<a href="https://www.tally.com.sg/invoicenow">https://www.tally.com.sg/invoicenow</a>	<a href="#">Click here for more details</a>
MPS Solutions Pte Ltd	SAP Business One HANA & SQL	<a href="https://mpssolutions.com.sg/peppol/">https://mpssolutions.com.sg/peppol/</a>	<a href="#">Click here for more details</a>
OCI System Pte Ltd	OCI Sales & Accounting Management System (SAM) Version 11	<a href="https://www.ocisystem.com/invoicenow">https://www.ocisystem.com/invoicenow</a>	<a href="#">Click here for more details</a>
Port Cities Singapore Pte Ltd	Odoo	<a href="https://portcities.net/einvoice-singapore">https://portcities.net/einvoice-singapore</a>	<a href="#">Click here for more details</a>
Sage Singapore Pte Ltd	Sage 300		<a href="#">Click here for more details</a>
SAP Asia Pte Ltd	SAP Document Compliance for SAP ECC & S/4HANA	<a href="https://blogs.sap.com/2021/04/20/sap-document-compliance-for-peppol-e-invoices-singapore-part-1/">https://blogs.sap.com/2021/04/20/sap-document-compliance-for-peppol-e-invoices-singapore-part-1/</a>	<a href="#">Click here for more details</a>

- Support for the Invoices/Credit Memos for export and import (certified PEPPOL ready software).
- More information: [SAP Note 3466287](#)

# India: E-Invoice Auto Sending

FP2405 Update



- New EDS connector for existing E-Billing protocol
- Supports ClearTax's Government Compatible API ([ClearTax Docs](#))

More information: [SAP Community: eInvoice in India](#), [SAP Note 3447248](#)



# Greece: eBooks Enhancements

FP2405 Update

The image shows two overlapping SAP screenshots. The background screenshot is the 'Journal Entry' form, where the 'E-books Relevant' checkbox is highlighted with a blue box. The foreground screenshot is the 'Electronic Document Monitor' window, which displays a table of document entries and a pop-up 'Electronic Document Monitor Details' window.

**Journal Entry Form Fields:**

- Series: JE, Number: 1544, Posting Date: 11.04.2024, Due Date: 11.04.2024, Doc. Date: 11.04.2024
- Origin: JE, Origin No.: 1544, Trans. No.: 1545
- Blanket Agreement: MARK
- MARK: MARK of Negative Value Invoice
- Invoice Type: [Dropdown]
- Type of Negative Value Invoice: [Dropdown]
- eDoc Generation Type: Generate - Later
- E-books Relevant

**Journal Entry Table:**

#	G/L Acct/BP Code	G/L Acct/BP Name	Debit	Credit
1	70.01.01.0000	ΠΟΣΗΕΙΣ ΕΜΠΟΡΕΥΜΑΤΩΝ ΕΣΤΕΡΗΚΟΥ ΚΟΝΔΡΗΚΗ 0%		EUR 5
2	38.00.00.0000	TAMEIO	EUR 62,000,00	
3	54.00.20.0024	Φ.Π.Α. ΑΓΩΡΩΝ ΕΜΠΟΡΕΥΜΑΤΩΝ 24%		EUR 1

**Electronic Document Monitor Table:**

#	Type	Invoice Type	Type of Negative Value Invoice	Status	Series	Doc. Number	MARK	MARK of Negative Value Invoice	BP Code	BP Name	VAT ID	Posting Date	Doc. Date	Message
1	Journal Entry			Waiting	Αρχικό	JE 1544						11.04.2024	11.04.2024	

**Electronic Document Monitor Details Table:**

#	Message Date	Message Time	Message Type	Message Text	Export Format	Export File
1	11.04.2024	14:53:26	Note(N)	Generate Later content		

## Requirement:

- A journal entry related to income that doesn't have any business partner at the lines should be uploaded at the platform of AADE;
- Enhance the AP Invoice SendExpenses to set Report Expenses at Document Level automatically based on the document Invoice Type value

**More information:** [SAP Note 3447246](#)

# Portugal: Report SAF-T enhancements

## FP2405 Update

Journal Entry

Series: Primária, Number: 2592, Posting Date: 31/05/2024, Due Date: 31/05/2024, Doc: 31/0

Origin: Series - A/R Invoices - Setup

#	Name	First No.	Next No.	Last No.	Prefix	Suffix	Remarks	Group	Period Ind.	Cancellation	Lock	Digital Series	AT Document Type	Elec. Authorization Code
1	Primária	1	342					1	Predefiniç	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

Trans. Co

Blanket A

SAF-T Transaction Type

- 
- J - Adjustment
- R - Adjustments of the tax period**
- I - Do Not Export
- A - Measurement of Results
- N - Normal
- Define New - Define New**

"Define New" options are available for the following SAF-T related fields to create additional options.

Choosing "Define New" opens related Setup windows where Codes and Descriptions can be added.

- SAF-T Transaction Type: available in Journal Entry
- SAF-T Tax Code: available in Tax Groups - Setup
- SAF-T Product Type: available in Freight - Setup
- SAF-T Product Type: available in Item Master Data
- AT Document Type: available in series setup windows for marketing documents like A/R Invoices.
- The above fields are available for update through DI API.

More information: [SAP Note 3380653](https://www.sap.com/help/3380653)

# Israel - Electronic Invoice Enhancements

FP2405 Update

- The Allocation Number of the invoice is added to the default system **print** layouts.
- In a case of a technical failure, either on SAP side or on the ITA side, there will be an option for **emergency allocation number** as detailed in the tax authorities' website.
- Two new URLs are introduced: *Invoice-Emergency URL*, *Minimum Failed Online Sending Attempts*
- Once the invoice failed to be sent to ITA, user can choose the emergency number from a list in the invoice.

מספר מסמך	361
תאריך אסמכתא	30/05/24
מס' לקוח	C20000
מספר צ'ק מורשה - כרטיס	77777715
מספר הקצאה	20240530071710168 151029681

Enable Protocol	<input checked="" type="checkbox"/>
Processing Target Setup	Double-click to open
OAuth2 Base URL	https://openapi.taxes.gov.il/shaam/tsandbox/longtime
Invoice URL (A/R Invoice)	https://ita-api.taxes.gov.il/shaam/tsandbox/Invoices/v1
Invoice-Information URL (A/P Invoice)	https://ita-api.taxes.gov.il/shaam/tsandbox/invoice-info
Invoice-Emergency URL	https://ita-api.taxes.gov.il/shaam/tsandbox/emergency
Authorization	Authorization to ITA
Authorization Status	Authorized, Expiration Time: 2024-08-27 07:22:41
Minimum Failed Online Sending Attempts	5

More information: [SAP Note 3342810](#)

# Localization

FP2102 Update

Feature	Description	Localization
<b>„Country“ Field Labels Changed to „Country/Region“</b>	<i>Country</i> field labels are changed to <i>Country/Region</i> . SAP Note <a href="#">3021987</a> (FP2102)	All
<b>Country/Region Setup Enhancements to Support ISO 3166 Country Codes</b>	The <i>Country/Region</i> fields are populated based on the official ISO 3166 country codes in the <i>Countries/Regions – Setup</i> window. SAP Note <a href="#">3019691</a> (FP2102)	All

Feature	Description	Localization
<b>GDPR and Classification of Data in Personal Data Management</b>	Multiple data fields are classified as <i>Personal</i> or <i>Sensitive Personal</i> and available for selection in <i>Personal Data Management (Administration → Utilities → Data Protection Tool → Personal Data Management)</i> . See details in SAP Note <a href="#">3031723</a> (FP2105)	All

Sales |  
Purchasing |  
Service

SAP Business One 10.0



# Backorder Report Enhancements

The screenshot shows the 'Backorder Report' window with a table of items and a 'Filter Table' dialog box. The table includes columns for Item No., Description, Doc No., Customer Code, Whse, A/R Reserve Invoice Payment Status, Unit of Measure, Items per Unit, Ordered, Delivered, and Backorder. The Filter Table dialog box has columns for #, Field, Rule, Value, and To Value. Row 12 in the Filter Table is highlighted, showing the rule 'A/R Reserve Invoice Pi Equal' with the value 'Not Paid'.

#	Item No.	Description	Doc No.	Customer Code	Whse	A/R Reserve Invoice Payment Status	Unit of Measure	Items per Unit	Ordered	Delivered	Backorder
150	R00002	Printer Paper	407	C23900	01	Fully Paid	Pack	1.000000	3		3
150	R00002	Printer Paper	461	C50000	01	Partially Paid	Pack	1.000000	7		7
150	R00002	Printer Paper	473	C42000	01	Not Paid	Pack	1.000000	1		1
150	R00002	Printer Paper	511	C20000	01	Fully Paid	Pack	1.000000	13		13
151	R00002	Printer Paper	547	C40000	01	Fully Paid	Pack	1.000000	12		12
151	R00002	Printer Paper	530	C26000	01	Fully Paid	Pack	1.000000	18		18
151	R00002	Printer Paper	559	C20000	01	Partially Paid	Pack	1.000000	15		15
151	R00002	Printer Paper	551	C23900	01	Partially Paid	Pack	1.000000	9		9
151	R00002	Printer Paper	589	C50000	01	Not Paid	Pack	1.000000	7		7
151	R00002	Printer Paper	573	C99998	01	Not Paid					
151	R00002	Printer Paper	658	C20000	01	Fully Paid					
151	R00002	Printer Paper	723	C99998	01	Fully Paid					
151	R00002	Printer Paper	824	C20000	01	Partially Paid					
151	R00002	Printer Paper	834	C20000	01	Partially Paid					
152	R00002	Printer Paper	885	C20000	01	Not Paid					
152	R00002	Printer Paper	921	C99998	01	Partially Paid					
152	R00002	Printer Paper	964	C30000	01	Not Paid					
152	R00002	Printer Paper	974	C30000	01	Not Paid					
152	R00002	Printer Paper	1025	C30000	01	Fully Paid					
152	R00002	Printer Paper	1034	C23900	01	Fully Paid					
152	R00002	Printer Paper	1104	C25000	01	Not Paid					
152	R00002	Printer Paper	1174	C99998	01	Not Paid					

#	Field	Rule	Value	To Value
1	#			
2	Item No.			
3	Description			
4	Doc No.			
5	Customer Code			
6	Whse			
7	Ordered			
8	Delivered			
9	Backorder			
10	Unit of Measure			
11	Items per Unit			
12	A/R Reserve Invoice Pi	Equal	Not Paid	

## Feature

- **Backorder Report** now displays *A/R Reserve Invoices* with payment status *Fully Paid, Partially Paid* and *Not Paid*
- Reserve Invoice Payment Status is included within the Filter Table

## Benefit

- All A/R Reserve Invoices are visible within the Backorder Report

# Printing Service Calls and Contracts

The image shows two overlapping software dialog boxes. The background box is titled "Print Preferences" and has tabs for "General", "Per Document", and "Per Report". The "Per Document" tab is active, showing a "Document:" dropdown menu with "Service Contract" selected. Below this are checkboxes for "Print Document", "E-Mail Document", and "Export to PDF". The foreground box is titled "Document Printing - Selection Criteria" and contains several fields: "Document Type" (dropdown menu with "Service Call" selected), "Posting Date From" (01/08/2019) and "To" (31/08/2019) date pickers, "Series" (dropdown menu with "All" selected), and radio buttons for "Technician Form" (selected) and "Service Call". Below these are fields for "BP Code From" and "To", "Customer Group" (dropdown menu with "All" selected), "Vendor Group" (dropdown menu with "All" selected), and a "Properties" dropdown menu with "Ignore" selected. There are also checkboxes for "Only Documents Still to Be Printed", "Only Documents Still to Be E-Mailed", "Open Only", and "Obtain printer settings from default printing layout". At the bottom, there are fields for "Internal Number From" and "To", and "No. of Copies" (input field with "1"). Both dialog boxes have "Update" and "Cancel" buttons at the bottom.

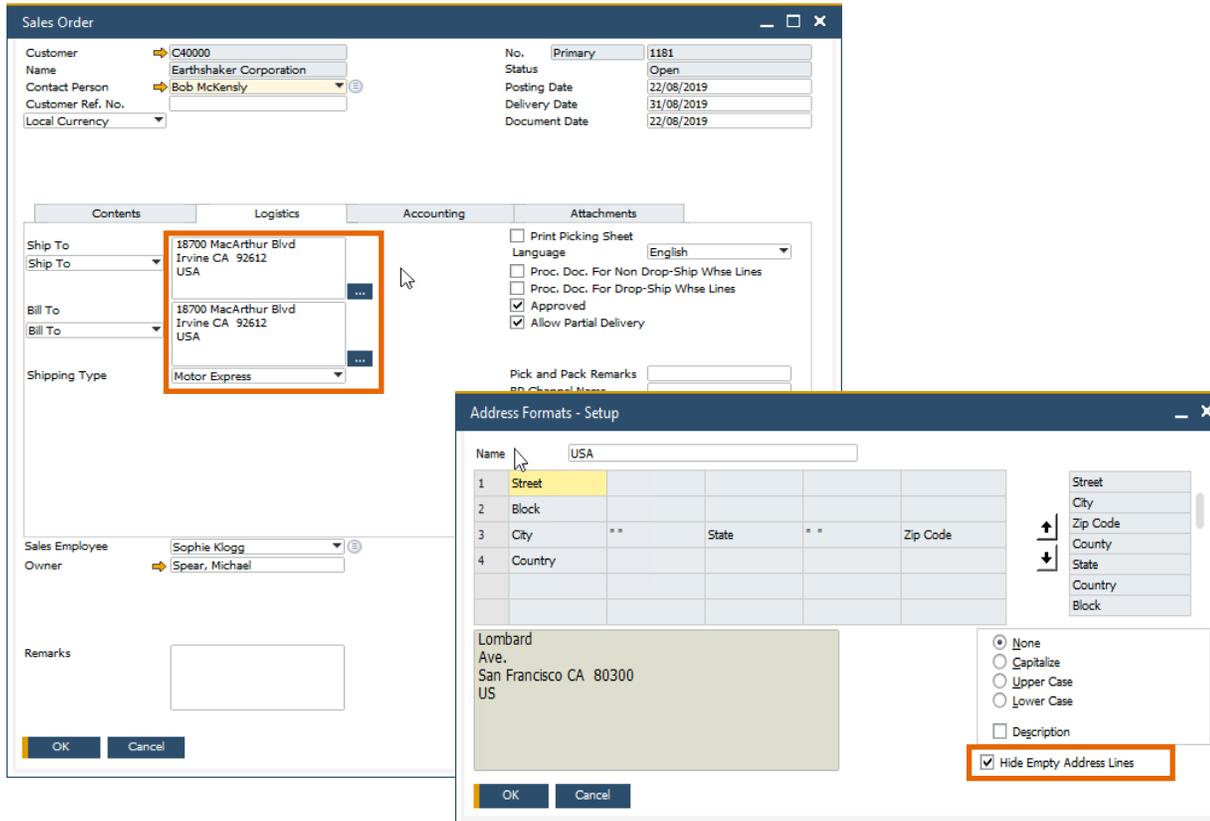
## Feature

- **Print Preferences** are now available for both *Service Calls* and *Service Contracts*
- **Document Printing** includes *Service Calls* and *Service Contract* allowing for bulk document distribution

## Benefit

- Preference settings on *Service Calls* and *Service Contract* printing/emailing
- Bulk processing of *service calls* and *service contracts*

# Hide Blank Lines in Addresses



## Feature

- A new checkbox within the Address Formats - Setup window allows the hiding of empty address lines
- When selected, ship-to and bill-to addresses in future marketing documents appears without empty lines
- This setting also applies to print layouts for marketing documents defined in Crystal Reports – i.e. empty lines in addresses will also be hidden in the printed documents

## Benefit

- Enhanced formatting of the printed, previewed, or PDF document
- Easier readability for users within marketing document forms, especially when address format consists of multiple components

# Add Button Extended in Marketing Documents

## SAP Note [2878515](#)

PL01 Update

The screenshot shows the SAP Sales Order window with the following details:

- Customer: C30000 (Microchips)
- Contact Person: Judy Brown
- BP Currency: GBP
- No.: 1240 (Primary)
- Status: Open
- Posting Date: 23.01.20
- Delivery Date: 23.01.20
- Document Date: 23.01.20

#	Item No.	Item Description	Quantity	No. of Packages	Unit Price	Discount %	Tax Code	Total (LC)	COGS Line of Business	UoM Code
1	A00001	J.B. Officeprint 1420	1	1	GBP 250.00	0.00	O1	GBP 250.00		Manual
2	C00009	Keyboard Comfort USB	1	1	GBP 12.50	0.00	O1	GBP 12.50		Manual
3	C00010	Mouse USB	1	1		0.00	O1			
4						0.00	O1			

Sales Employee: Bill Levine  
Owner: Levine, Bill

Total Before Discount: GBP 262.50  
Discount: %  
Freight: GBP 0.00  
Rounding:   
Tax: GBP 52.50  
Total: GBP 315.00

Remarks: [Empty text box]

Buttons: Add & New, Cancel, Copy From, Copy To

Dropdown menu options: Add & New, Add & View, Add & Close

## Feature

- The **Add** button in sales and purchase document creation is enhanced
- Additionally to the previous common behavior (i.e. after creating and adding a document, the window closes and a new window opens), the following options are now available:
  - *Add & New*: Document is added and a new window opens
  - *Add & View*: Document is added and is displayed
  - *Add & Close*: Document is added and window closes
- The user's last choice will be remembered for the given document for the next time

## Benefit

- More flexibility in document creation and better handling for users

# Enhanced Open Items List Report

## SAP Note [2878483](#)

PL01 Update

Doc. No.	Select	Doc. Series	Customer Code	Customer Name	Customer Ref. No.	Due Date	Cancelati...	Amount	Net	Tax	Original Amount	P.
1237	<input type="checkbox"/>	Primary	C23900	Parameter Technology		13.12.19	12.01.20	GBP 810.00	GBP 675.00	GBP 135.00	GBP 810.00	13
1239	<input type="checkbox"/>	Primary	C20000	Maxi-Teq		13.12.19	12.01.20	GBP 720.00	GBP 600.00	GBP 120.00	GBP 720.00	13
1238	<input type="checkbox"/>	Primary	C30000	Microchips		13.12.19	12.01.20	GBP 165.00	GBP 137.50	GBP 27.50	GBP 165.00	13
1226	<input type="checkbox"/>	Primary	C20000	Maxi-Teq		29.10.19	28.11.19	GBP 900.00	GBP 750.00	GBP 150.00	GBP 900.00	29
1165	<input type="checkbox"/>	Primary	C99998	Web Customer		25.09					GBP 682.56	26
1167	<input type="checkbox"/>	Primary	C50000	ADA Technologies		25.09					GBP 111.02	26
1205	<input type="checkbox"/>	Primary	C40000	Earthshaker Corporation		24.09					GBP 1,935.00	25
1166	<input type="checkbox"/>	Primary	C26000	River Ltd.		24.09					GBP 378.00	25
1156	<input type="checkbox"/>	Primary	C60000	SG Electronics		24.09					GBP 291.60	25
1169	<input type="checkbox"/>	Primary	C30000	Microchips		24.09					GBP 168.00	25
1210	<input type="checkbox"/>	Primary	C99999	One Time Customer		23.09					GBP 15,366.76	24
1168	<input type="checkbox"/>	Primary	C26000	River Ltd.		22.09					GBP 5,265.00	23
1221	<input type="checkbox"/>	Primary	C50000	ADA Technologies		22.09					GBP 345.00	23
1160	<input type="checkbox"/>	Primary	C23900	Parameter Technology		21.09					GBP 2,430.00	22
1157	<input type="checkbox"/>	Primary	C40000	Earthshaker Corporation		21.09					GBP 36.00	22
1212	<input type="checkbox"/>	Primary	C42000	Mashina Corporation		20.09					GBP 120.00	21
1222	<input type="checkbox"/>	Primary	C23900	Parameter Technology		19.09					GBP 13,752.00	20
1220	<input type="checkbox"/>	Primary	C70000	Aquent Systems		19.09					GBP 525.00	20
1208	<input type="checkbox"/>	Primary	C40000	Earthshaker Corporation		18.09					GBP 300.00	19
1158	<input type="checkbox"/>	Primary	C30000	Microchips		18.09					GBP 285.60	19
1223	<input type="checkbox"/>	Primary	C60000	SG Electronics		18.09					GBP 126.00	19
1218	<input type="checkbox"/>	Primary	C23900	Parameter Technology		17.09					GBP 6,552.00	18
1207	<input type="checkbox"/>	Primary	C40000	Earthshaker Corporation		16.09					GBP 102.00	17
1209	<input type="checkbox"/>	Primary	C42000	Mashina Corporation		14.09					GBP 1,800.00	15
1214	<input type="checkbox"/>	Primary	C99998	Web Customer		12.09					GBP 1,890.00	13
1211	<input type="checkbox"/>	Primary	C99999	One Time Customer		10.09					GBP 260.40	11
1216	<input type="checkbox"/>	Primary	C23900	Parameter Technology		07.09					GBP 2,714.40	08
1224	<input type="checkbox"/>	Primary	C50000	ADA Technologies		06.09					GBP 8,578.50	07
1217	<input type="checkbox"/>	Primary	C25000	Star Company		06.09					GBP 1,822.50	07
1161	<input type="checkbox"/>	Primary	C23900	Parameter Technology		05.09					GBP 322.20	06
1219	<input type="checkbox"/>	Primary	C70000	Aquent Systems		05.09					GBP 42.00	06
1215	<input type="checkbox"/>	Primary	C20000	Maxi-Teq		04.09					GBP 702.00	05
1225	<input type="checkbox"/>	Primary	C60000	SG Electronics		04.09					GBP 216.00	05
1213	<input type="checkbox"/>	Primary	C23900	Parameter Technology		03.09					GBP 154.80	04
1206	<input type="checkbox"/>	Primary	C26000	River Ltd.		01.09					GBP 1,393.20	02
											GBP 300,039.45	

## Feature

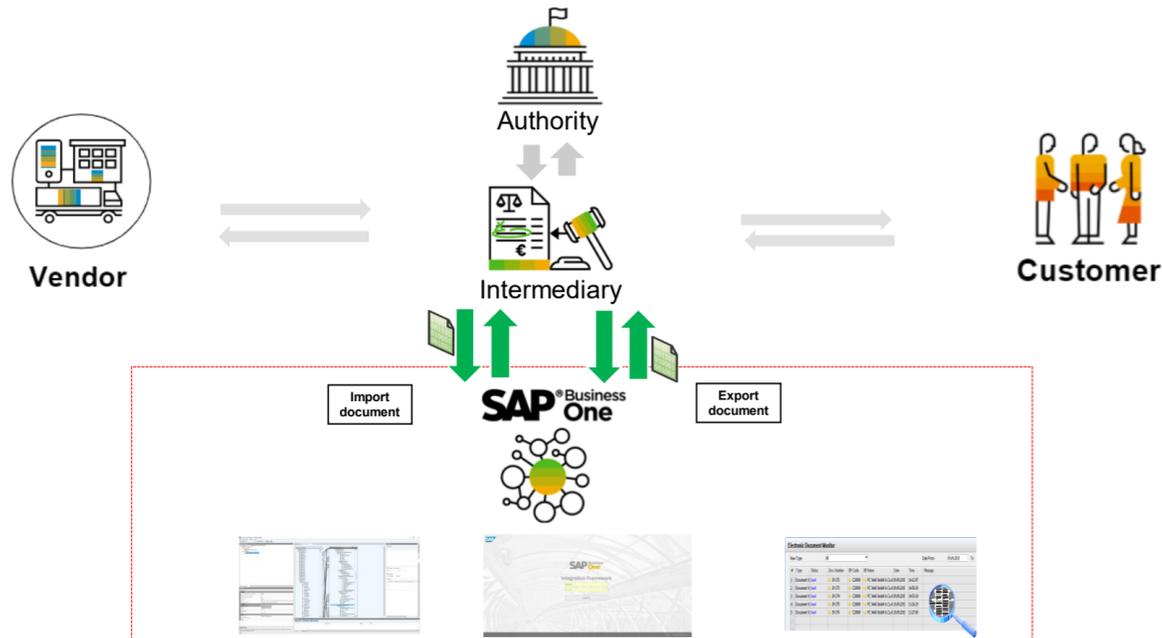
- The *Open Items List* report includes more document information:  
*Owner, Sales Employee/Buyer, Remarks, Approved, Created by, Contact Person, Payment Terms, BP Project, UDFs* in document headers
- The report offers the possibility to close and cancel multiple documents. This feature is supported for these document types:  
*Sales Quotation, Sales Order, Purchase Request, Purchase Quotation, Purchase Order*
- In the report multiple *Return Requests* and *Goods Return Request* documents can be closed

## Benefit

- Easier handling due to more document options and information in one report

# EU PEPPOL E-Invoicing

PL02 Update



## Feature

- International electronic invoicing platform with a set of rules and specifications that enables electronic communications with any European government institution for procurement processes.
- Electronic documents are sent and received through registered service providers
- See more details and local specifics for PEPPOL protocol in SAP Note [2915144](#)
- General information on PEPPOL integration for the EU in SAP Note [2669994](#)
- Due to own specific electronic invoicing functionality, following localizations don't support PEPPOL at that time: Argentina, Brazil, Costa Rica, Guatemala, India, and Mexico

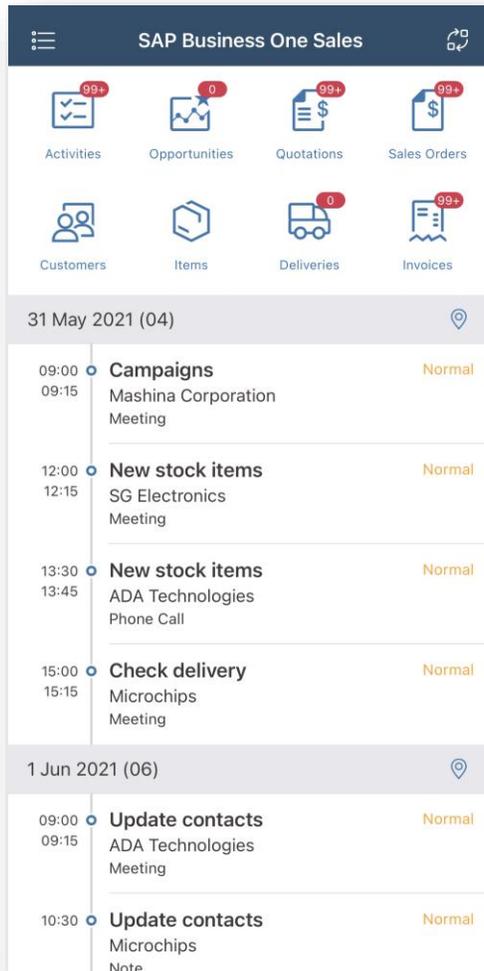
## Benefit

- Creation and import of documents in electronic format

# SAP Business One Sales and Service Mobile Apps

FP2105 Update

Supported on MS SQL with FP 2105 + App Updates released for iOS + Android updates to come soon



- SAP Business One **Sales mobile app** for iOS or Android helps manage sales leads, customer accounts, view stock, and place an order.
- With SAP Business One **Service mobile app** for iOS or Android, maintenance technicians can provide on-site services for their customers easily and efficiently.
- With FP 2105, support for MS SQL databases is enabled. A few HANA-related capabilities are not available with SQL.
- **Key updates for both apps on iOS released on August 7<sup>th</sup>, 2021.**
- **Key updates for both apps on Android were released on August 23<sup>rd</sup>, 2021.**

# Business Process Enhancements

## FP2208 Update

The image displays three overlapping SAP windows illustrating business process enhancements:

- Sales Quotation:** Shows a form for customer C20000 (Maxi-Teq) with a status of 'Closed'. The 'Logistics' tab is active, showing shipping details and a 'Confirmed' checkbox. A tooltip indicates 'Confirmed by Jayson Butler on 07/20/2022'.
- A/R Invoice:** Shows a form for customer C20000 (Maxi-Teq) with a status of 'Open'. The 'Accounting' tab is active, showing a table of items with columns for Quantity, Unit Price, and Total (LC). 'Move Up' and 'Move Down' buttons are visible next to the table.
- Open Items List:** A table listing open documents with columns for Doc. No., Select, Customer C..., Customer Name, Due Date, Amount, Confirmed, Confirmed By, and Confirmed On. The table is filtered for 'Sales Orders' and shows a total amount of 6,136,155.05 \$.

- Sales and purchase quotations, are enhanced with the checkbox “Confirmed” to the “Logistics” tab, and in “Document Settings” > “Per Document” tab accordingly. When selected, a tooltip shows the user and time of confirmation
- The “Open Items List” report for sales and purchase orders, return and goods return requests is enhanced with dedicated columns presenting confirmation date and user details
- The “Move Up” and “Move Down” buttons are available in sales and purchasing documents, enabling you to change the sequence of lines
- The procurement process is enhanced to apply tax code determination rules to purchase requests created manually or via “Procurement Confirmation Wizard”, and purchase quotations and orders created directly or through purchase request reports

# Business Process Enhancements

FP2305 Update

Document Settings

Document Remarks Include:

- Base Document Number
- Manual Remarks Only
- BP Reference Number

For a Sales BOM in Documents, Display:

- Price and Total for Parent Item Only
- Price for Component Items

Response to G/L Account Balance Outside Allowed Range:

- Without Warning
- Warning Only
- Block Posting

Response to Release / Receipt of Inventory Outside Defined Range:

- Without Warning
- Warning Only
- Block Release / Receipt

Block Negative Inventory By

Rounding Method

- By Currency
- By Document

Exchange Rate Base Date (A/P Documents)

Split Journal Entry Posting by Document Lines

Display Rounding Remark

Use Warehouse Address

Manage Freight in Documents

Block documents with earlier Posting Date

Allow Future Posting Date

Use Document Exchange Rate When Copying to Target Document

Copy Document References from Original Documents to Duplicates

Attachments

- Copy Attachments from Base Document to Target Document
- Copy Attachments from BOM to Production Order
- Do Not Overwrite Attachments with the Same File Name

Copy opening and closing remarks to target doc

Manage Inventory by Warehouse

Display Canceled and Cancellation Marketing Documents in Reports

Max. No. of Days for Canceling Marketing Documents Before or After Pos

Enable Advanced Available to Promise

Freight - Setup

- Copying opening and closing remarks
- Add settings to copy reference documents when duplicating
- Update user-defined fields in closed pick lists
- Copy an open landed costs after creating a broker invoice

Pick List

Pick Number  Remarks

Pick Date

User

Picker

Status

#	Description	Whse	Whse N...	Ordered	Released	Picked	Avail. to ...	Items per Unit	UoM Name	UoM Code	UDF1	L_UDF02
1	J.B. Officeprint 14	01	General Wa 4			3	51,312	1	Manual	Manual		
2	J.B. Officeprint 11	01	General Wa 3	1		2	1,267	1	Manual	Manual		

UDF2

OK Cancel Create Pick All Clear All

# Draft Documents

FP2405 Update

Document Draft						
Document	Document No.	Posting Date	BP Code	Total	Remarks	
Purchase Request	➔ 1	12/03/2017			7,469.25 \$	
Purchase Request	➔ 2	12/03/2017			15,588.00 \$	
Purchase Request	➔ 2	12/04/2017			2,273.25 \$	
Purchase Request	➔ 4	12/04/2017			2,273.25 \$	
Purchase Request	➔ 4				2,273.25 \$	
Purchase Request	➔ 4				2,273.25 \$	
Purchase Request	➔ 5				7,469.25 \$	
Purchase Request	➔ 6				2,273.25 \$	
Purchase Request	➔ 6				2,273.25 \$	
Purchase Request	➔ 7				7,469.25 \$	
Sales Orders	➔ 1180		➔ C20000		477.00 \$	
Inventory Counting	➔ 1				0.00 \$	
Inventory Counting	➔ 3				0.00 \$	
Inventory Counting	➔ 3				0.00 \$	
Inventory Counting	➔ 4				0.00 \$	

Copy  
Copy Table  
Maximize/Restore Grid  
**Remove**  
Close  
Filter Table  
Sort Table

- Removing, Closing, and Restoring Multiple Draft Documents

Feature	Description	Localization
<p><b>Editing UDFs in Document Rows After the Document was Added or Closed</b></p>	<p>A new setting in the <i>Document Settings "Allow Update of User-Defined Fields When Document Rows Are Not Editable"</i> gives the possibility to make UDFs editable independently of the document/row status.</p> <p>New authorization controls user's ability to edit UDFs on marketing document rows.</p> <p>SAP Note <a href="#">2872368</a> (PL01)</p>	<p>All</p>
<p><b>Display Business Partner Address UDF with Marketing Document Address User Defined Fields</b></p>	<p><i>Business Partners – Addresses UDFs</i> can be viewed and updated in</p> <ul style="list-style-type: none"> <li>• <i>Address Component</i> window on <i>Logistics</i> tab in marketing documents</li> <li>• <i>Address Component</i> window on <i>Business Partner</i> tab of <i>Service Calls</i></li> <li>• <i>Address Formats – Setup</i> window</li> </ul> <p>See the <a href="#">Compatibility Issues in SAP Business One 10.0</a></p> <p>SAP Note <a href="#">2872353</a> (PL01)</p>	<p>All</p>

Feature	Description	Localization
<p><b>Create QR Codes</b></p>	<p>QR (Quick Response) codes can be created on print layouts of marketing documents. New field <i>Create QR Code From</i> is available in <i>Accounting</i> tab of marketing documents.</p> <p>An API service and a free open source library are available for partners to create QR codes.</p> <p>SAP Note <a href="#">2889899</a> (PL02)</p>	<p>All</p>
<p><b>Adding Multiple Business Partners to One Equipment Card</b></p>	<p>Multiple business partners can be added to an equipment card.</p> <p>SAP Note <a href="#">2906168</a> (PL02)</p>	<p>All</p>
<p><b>Updating Group Number</b></p>	<p>The Group No. on purchase quotations can be changed to the next sequential number in the predefined series.</p> <p>SAP Note <a href="#">2896569</a> (PL02)</p>	<p>All</p>

Feature	Description	Localization
<b>Copying Manual Remarks</b>	<p>Under <i>Administration</i> → <i>System Initialization</i> → <i>Document Settings</i> → <i>General</i> tab → <i>Document Remarks Include</i> section a new option <i>Manual Remarks Only</i> is available.</p> <p>With this option, when using 'Copy To' to copy a base sales, purchasing or inventory document, the 'Remarks' field in the target document will only include the remarks entered by users in the source document, excluding the 'Base Document Number' or the 'Business Partner Reference Number'.</p> <p>SAP Note <a href="#">2931961</a> (FP2008)</p>	All
<b>Copy Attachments from Base Document to Target Document</b>	<p>Under <i>Administration</i> → <i>System Initialization</i> → <i>Document Settings</i> → <i>General</i> tab enable checkbox '<i>Attachments from Base Document to Target Document</i>' to copy documents attachments.</p> <p>SAP Note <a href="#">2923323</a> (FP2008)</p>	All
<b>Item Description is Exposed in Alternative Items Window</b>	<p>The column <i>Item Description</i> is exposed in the <i>Alternative Items</i> window.</p> <p>SAP Note <a href="#">2955529</a> (FP2008)</p>	All
<b>New Checkbox 'Duplicate Bar Codes While Duplicating Items'</b>	<p>A new checkbox <i>Duplicate Bar Codes While Duplicating Items</i> available under <i>Administration</i> → <i>System Initialization</i> → <i>General Settings</i> → <i>Inventory</i> → <i>Item</i> tab.</p> <p>SAP Note <a href="#">2928480</a> (FP2008)</p>	All

Feature	Description	Localization
<b>Document Status “E-Mailed”</b>	Display status ‘ <i>Open; E-Mailed</i> ’ and ‘ <i>Open; Printed and E-Mailed</i> ’ in sales documents, purchase documents, and inventory transfer requests when the document was sent by e-mail. SAP Note <a href="#">2924241</a> (FP2008)	All
<b>Recurring Transaction Templates Selection Criteria Window</b>	When opening the ‘ <i>Recurring Transaction Templates</i> ’ the ‘ <i>Selection Criteria</i> ’ window opens to filter the templates. SAP Note <a href="#">2939185</a> (FP2008)	All
<b>Recurring Transaction Templates Recurrence Period Enhancement</b>	‘ <i>Recurrence Period</i> in <i>Recurrence Transaction Templates</i> ’ supports the options ‘ <i>Every 2 Weeks</i> ’ and ‘ <i>Every 2 Months</i> ’. SAP Note <a href="#">2939183</a> (FP2008)	All
<b>Consider Prices Before Discount Group as Effective Price</b>	Consider prices before discount group as effective price when adding marketing documents. SAP Note <a href="#">2905325</a> (FP2008)	All
<b>Cancellation of Return Request and Goods Return Request</b>	‘ <i>Return Request</i> ’ and ‘ <i>Goods Return Request</i> ’ can be canceled. SAP Note <a href="#">2928911</a> (FP2008)	All

Feature	Description	Localization
<p><b>Update Consolidating Business Partner and Consolidation Type on Document Level</b></p>	<p>View and update the consolidation business partner and consolidation type on the <i>Accounting</i> tab is enabled. The default values are taken from the business partner master data and values cannot be changed after the documents are added. This is enabled for the following documents:</p> <ul style="list-style-type: none"> <li>- A/R Invoice, A/R Reserve Invoice, A/R Credit Memo, A/R Down Payment Invoice (all localizations except CZ, SK, HU, PL, RU, UA) Delivery, Return</li> <li>- A/P Invoice, A/P Reserve Invoice, A/P Credit Memo, A/P Down Payment Invoice (all localizations except CZ, SK, HU, PL, RU, UA), Goods Receipt PO, Goods Return</li> </ul> <p>The consolidating business partner and consolidation type of the documents generated with the following tools and methods are taken from the base documents and not from the business partner master data:</p> <ul style="list-style-type: none"> <li>- Document Generation Wizard</li> <li>- Payment Wizard</li> <li>- Billing Wizard</li> <li>- Copy to</li> <li>- Copy From</li> </ul> <p>SAP Note <a href="#">2980002</a> (FP2011)</p>	<p>All</p>

Feature	Description	Localization
<b>Items Associated with Canceled Procurement Documents are Displayed in the Procurement Confirmation Wizard</b>	Items in a sales order / sales quotation / production order associated with canceled procurement documents are displayed in the <i>Procurement Confirmation Wizard</i> SAP Note <a href="#">1804907</a> (FP2102)	All
<b>Set Default Business Partner Catalog Number</b>	On the <i>BP</i> tab or the <i>Items</i> tab in the <i>Business Partner Catalog Numbers</i> window a user can select a <i>Business Partner Catalog Number</i> as the default for each item from the <i>BP</i> tab, or for each business partner from the <i>Items</i> tab. SAP Note <a href="#">3007312</a> (FP2102)	All
<b>Hide Inactive Contact Person in Business Partner Master Data</b>	A new checkbox <i>Display Inactive Contact Persons in Business Partners Master Data</i> is added to the <i>General Settings</i> → <i>BP</i> tab. This checkbox can be used to determine whether to display inactive contact persons on the <i>Business Partner Master Data</i> → <i>Contact Persons</i> tab. SAP Note <a href="#">3009497</a> (FP2102)	All

Feature	Description	Localization
<b>Link Between Contact Persons and Business Partner's Addresses</b>	<p>With the new dropdown list <i>Connected Address</i> on the <i>Contact Persons</i> tab of the <i>Business Partner Master Data</i>, it is possible to link the business partner's existing</p> <ul style="list-style-type: none"> <li>- <i>Bill to</i></li> <li>- <i>Pay to</i></li> <li>- <i>Ship to</i></li> </ul> <p>address to the selected contact person. SAP Note <a href="#">2979550</a> (FP2102)</p>	<p>All</p>

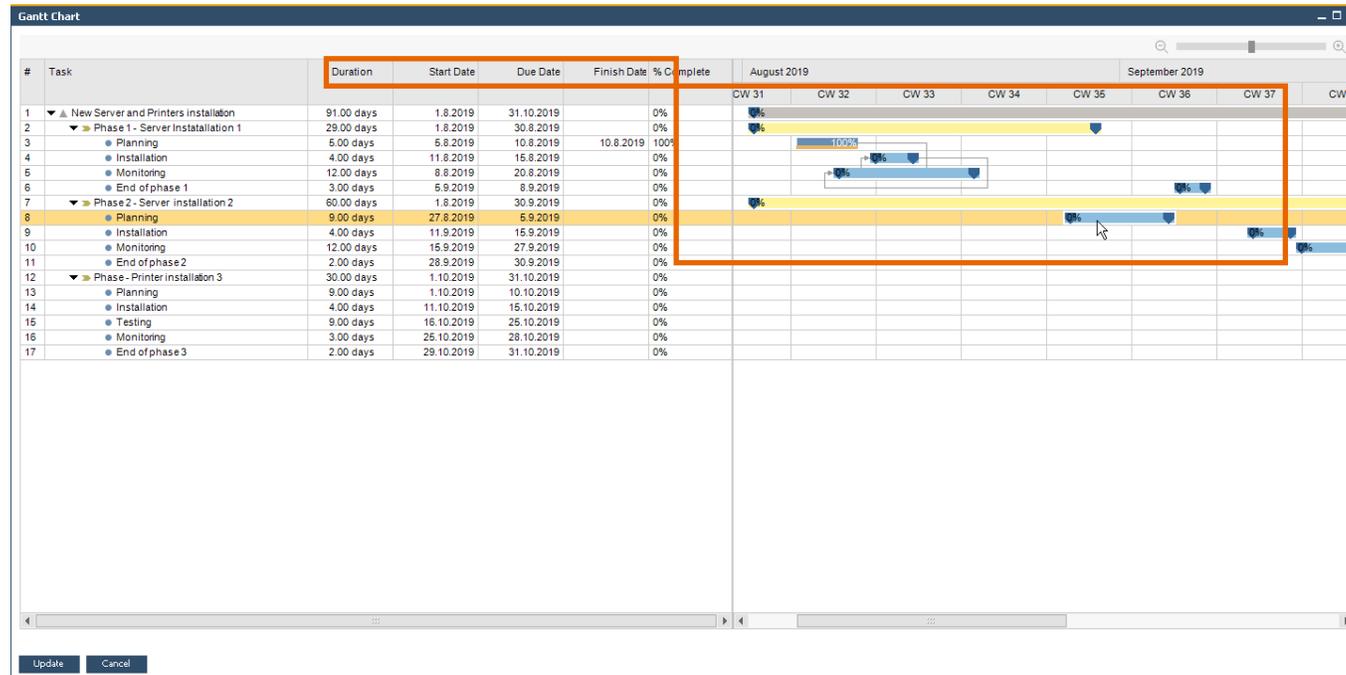
Feature	Description	Localization
<b>Referenced Documents Displayed in Document Tree View in Relationship Map</b>	The relationship of referenced documents is displayed in the <i>Marketing Document: Referenced Documents</i> view and in the <i>Marketing Document: Document Tree</i> view. SAP Note <a href="#">3050215</a> (FP2105)	All
<b>Set Default Price List in General Settings instead of in Payment Terms</b>	A new checkbox <i>Set Default Price List in General Settings instead of Payment Terms</i> is available ( <i>Administration -&gt; System Initialization -&gt; General Settings -&gt; BP</i> tab) where the default price lists for customers and vendors can be set and in doing so stop using the price list setting in the <i>Payment Terms - Setup</i> . See details in SAP Note <a href="#">3047725</a> (FP2105)	All

# Project Management

SAP Business One 10.0



# Interactive Gantt Chart



## Feature

- Interactive **Gantt Chart** allows *Project Phases* to be moved or extended/shortened interactively
- New fields added representing *Project Due Date* and *Finish Date*

## Benefit

- Project updated according to planning changes within interactive Gantt Chart
- Easier and more visual planning of Project Management Tasks

# Inventory | Production

SAP Business One 10.0



# Serial & Batch Numbers Management

PL01 Update

**Serial Number Management - Update**

Rows from Documents

#	Doc. No.	Item Number	Item Description	Whse Code	Whse Name	Destination Whse Code	Destination Whse Name	Quantity	T
1	TR 14	A00006	Rainbow 1200 Laser	01	General Warehouse	02	West Cost Warehouse	10	

Created Serial Numbers

#	Mfr Serial No.	Serial Number	Lot Number	Bin L...	Expiration Date	Mfr Date	Admission Date
1	➔	A6-000283	➔				06/02/2007
2	➔	A6-000284	➔				06/02/2007
3	➔	A6-000285	➔				06/02/2007
4	➔	A6-000286	➔				06/02/2007
5	➔	A6-000287	➔				06/02/2007
6	➔	A6-000288	➔				06/02/2007
7	➔	A6-000289	➔				06/02/2007
8	➔	A6-000290	➔				06/02/2007
9	➔	A6-000291	➔				06/02/2007
10	➔	A6-000292	➔				06/02/2007

Global Update...

Update Cancel

- Inventory Defaults
- Items List
- Open Items List
- Document Drafts Report
- Last Prices Report
- Inactive Items
- Inventory Posting List
- Inventory Status
- Inventory in Warehouse Report
- Inventory Audit Report
- FIFO Layers Report by Consumption Order
- Batches and Serials Inventory Audit Report
- Inventory Valuation Simulation Report
- Serial Number Transactions Report
- Batch Number Transactions Report
- Inventory Aging Report
- Bin Location List
- Bin Location Content List
- Price Report
- Discount Group Report
- Inventory Counting Transactions Report
- Forward Batches and Serials Trace Report
- Reverse Batches and Serials Trace Report
- Stock Turnover Analysis
- Stock Valuation Method Report

## Feature

- Serial Number Management and Batch Management now includes the ability to update on **A/R Reserve Invoices** and **Inventory Transfer Requests**
- Destination Warehouse Code and Destination Warehouse Name now included in the **Serial Number / Batch Management Update** form
- New reports available (**PL01**):
  - Forward Batches and Serials Trace Report
  - Reverse Batches and Serials Trace Report
  - See SAP Note [2877541](#)

## Benefit

- More document options when updating Serial Numbers and Batches
- Better reporting on warehouse code on warehouse name on inventory transfer transactions

# Support Changing UoM Group in Item Master Data

PL01 Update

The screenshot displays the SAP Item Master Data interface for item R00002 (Printer Paper A4 Recycled). The UoM Group is currently set to 'Paper'. A dropdown menu is open, showing 'Paper' as the selected option. Two system message dialog boxes are overlaid on the interface:

- The first dialog box asks: "Changing UoM group removes all associated sales UoM, purchasing UoM, package types, and UoM prices for the item. Do you want to continue?" with 'Yes' and 'No' buttons.
- The second dialog box asks: "If you change the conversion rule, the documents to which previous conversion rule applied will not be updated accordingly. Do you want to continue?" with 'Yes' and 'No' buttons.

The 'Group Definition - Paper - Setup' dialog box is also visible, showing a table of conversion rules:

#	Alt. Qty	Alt. UoM	=	Base Qty	Base UoM	=	Active
1		1 Pack	=		1 Pack		<input checked="" type="checkbox"/>
2		2 SmlPack	=		1 Pack		<input checked="" type="checkbox"/>
3		1 6Pack	=		6 Pack		<input checked="" type="checkbox"/>
4		1 Carton	=		24 Pack		<input checked="" type="checkbox"/>
5		1 Pallet	=		48 Pack		<input checked="" type="checkbox"/>
6			=		Pack		<input checked="" type="checkbox"/>

## Feature

- *Unit of Measure Groups* may now be changed on an *Item Master Data* record
- To do this the new UoM Group must have at least the identical set of conversion rules as the original UoM Group
- Only need to “zero down”/close open documents on changed item UoM Groups definitions
- Set UoM in its *UoM Group* to **Active (PL01)**  
See SAP Note [2878890](#)

## Benefit

- More flexibility in changing UoM group relationships for Item Master data

# Bill of Materials (BoM) Description Enhancements

PL01 Update

The screenshot shows the SAP Item Master Data form for item S10000. The description is "Server Point 10000 (model b)". A system message dialog is displayed, asking: "This item is connected to a bill of materials (BOM). Do you want to update the Product Description in the BOM accordingly?". The dialog has "Yes" and "No" buttons.

The screenshot shows the SAP Bill of Materials form for product S10000. The description is "Server Point 10000 (model b)". The BOM Type is "Production". The Planned Average Production Size is 1.00. A table of components is shown below:

#	Type	No.	Description	Quantity	UoM
1	Item	A00001	J.B. Officeprint 1420	1	
2	Item	P10001	PC - P4 2.4G, DDR 512M, 400G HD	1	
3	Item	L10001	Labour	1	
4	Item				

A "Form Settings - Bill of Materials" dialog is open, showing a table of columns and their visibility in the active view:

Column	Vi...	Active
#	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
No.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Description	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Quantity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
UoM Name	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Warehouse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Additional Quantity	<input type="checkbox"/>	<input type="checkbox"/>
Issue Method	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Price List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unit Price	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Total	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Production Std Cost	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Feature

- Item *Description* update in the item master data connected to **Bill of Materials** parent item will be reflected in the **Bill of Materials Product Description**
- The item and resource descriptions are editable in Bill of Materials and Production Order Components. Additionally, the Item Description can be updated via DI API (**PL01**)  
See SAP Note [2872529](#)

## Benefit

- Item master data record descriptions updated accordingly within the associated Bill of Materials
- Flexible handling of item and resource descriptions in Bill of Materials

# Drill Down from BoM to Item Master Data

The screenshot shows the 'General Settings' dialog box in SAP, specifically the 'Items' tab and 'Reporting' sub-tab. The 'Serial Numbers and Batches' section is active. The 'Management Method' is set to 'On Every Transaction'. The 'Issue Primarily By' is 'Serial and Batch Numbers'. The 'Unique Serial Numbers by' is 'Serial Number'. The 'Display Batch Quantities By' is 'Document Row UoM'. The 'Auto. Create Equipment Card' checkbox is checked. The 'Basic Setting for Batch Status' is 'Released'. The 'Block Multiple Receipts for Same Batch with Serial/Batch Valuation Method' checkbox is unchecked. The 'Default Warehouse' is 'General Warehouse'. The 'Set Inv. Method By' is 'Warehouse'. The 'Auto. Add All Warehouses to New and Existing Items' checkbox is checked. The 'Auto. Add All UoM Group Definitions to New and Existing Items' checkbox is unchecked. The 'Auto. Add All Package Definitions to New and Existing Items' checkbox is checked. The 'Open Item Master Data Instead of Bill of Materials of a BOM Item When Selecting Link Arrow' checkbox is checked and highlighted with a red box. The 'Display Inactive Items In' section has 'Reports' and 'Marketing Documents' checked. The 'OK' and 'Cancel' buttons are at the bottom.

## Feature

- Direct “drill-down” to Item Master Data record now possible from the Parent *Item Number*

## Benefit

- More intuitive and direct navigation between Bill of Materials and Item Master Data
- Flexibility within navigation due to system prompt of navigation choice

# Variance Report Enhancement for Production Orders

FP2405 Update

- The production order variance report is extended to include a two-level view.
- The report includes new fields such as Issue Type, Source Journal Entry No., Source Document, Target Document, and Inventory Valuation Method.

**Production Order**

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

**Summary**

Actual Item Component Cost: 40,203.94 \$  
 Actual Resource Component Cost: 8,850.00 \$  
 Actual Additional Cost:   
 Actual Product Cost: 46,437.78 \$  
 Actual By-Product Cost:   
 Total Variance: -2,616.16 \$

**Variance Report**

#	Type	No.	Description	Qty	Cost	Total	Variance	Inventory Val...	Issue Type	Source Docu...	Source Journ...	Target Document
1	Item Component	C00001	Motherboard BTX	-15.000	290.67 \$	-4,359.99 \$	0.00 \$	Moving Average				
2	Item Component	C00001	Motherboard BTX	-15.000	290.67 \$	-4,359.99 \$	-4,359.99 \$	Moving Average	Backflush	Issue for Product	5595	
3	Item Component	C00001	Motherboard BTX	15.000	-290.67 \$	4,359.99 \$	4,359.99 \$	Moving Average	Backflush	Receipt from Pro	5596	Issue for Production
4	Item Component	C00007	Hard Disk 3TB	-15.000	354.81 \$	-5,322.16 \$	0.00 \$	Moving Average				
5	Item Component	C00007	Hard Disk 3TB	-15.000	354.81 \$	-5,322.16 \$	-5,322.16 \$	Moving Average	Backflush	Issue for Product	5595	
6	Item Component	C00007	Hard Disk 3TB	15.000	-354.81 \$	5,322.16 \$	5,322.16 \$	Moving Average	Backflush	Receipt from Pro	5596	Issue for Production
7	Item Component	C00011	Memory DDR RAM 8GB	-1,050.000	29.07 \$	-30,521.79 \$	-2,616.16 \$	Moving Average				
8	Item Component	C00011	Memory DDR RAM 8GB	960.000	-29.07 \$	27,905.63 \$	27,905.63 \$	Moving Average	Manual	Receipt from Pro	5596	
9	Item Component	C00011	Memory DDR RAM 8GB	-1,050.000	29.07 \$	-30,521.79 \$	-30,521.79 \$	Moving Average	Manual	Issue for Product	5597	
10	Resource Component	R300004	Testing Machine	-75.000	50.00 \$	-3,750.00 \$	0.00 \$					
11	Resource Component	R300004	Testing Machine	-75.000	50.00 \$	-3,750.00 \$	-3,750.00 \$		Backflush	Issue for Product	5595	
12	Resource Component	R300004	Testing Machine	75.000	-50.00 \$	3,750.00 \$	3,750.00 \$		Backflush	Receipt from Pro	5596	Issue for Production
13	Resource Component	R300005	Assembly Machine	-45.000	80.00 \$	-3,600.00 \$	0.00 \$					
14	Resource Component	R300005	Assembly Machine	-45.000	80.00 \$	-3,600.00 \$	-3,600.00 \$		Backflush	Issue for Product	5595	
15	Resource Component	R300005	Assembly Machine	45.000	-80.00 \$	3,600.00 \$	3,600.00 \$		Backflush	Receipt from Pro	5596	Issue for Production
16	Resource Component	R300006	Senior Technician	-7.500	200.00 \$	-1,500.00 \$	0.00 \$					
17	Resource Component	R300006	Senior Technician	-7.500	200.00 \$	-1,500.00 \$	-1,500.00 \$		Backflush	Issue for Product	5595	
18	Resource Component	R300006	Senior Technician	7.500	-200.00 \$	1,500.00 \$	1,500.00 \$		Backflush	Receipt from Pro	5596	Issue for Production
19	Product	P20002	32GB Memory Server	15.000	3,095.85 \$	46,437.78 \$	0.00 \$	Moving Average				
20	Product	P20002	32GB Memory Server	15.000	3,095.85 \$	46,437.78 \$	0.00 \$	Moving Average		Receipt from Pro	5596	

OK Expand All Collapse All Close

Feature	Description	Localization
<b>Production Orders as Base Document in Procurement Confirmation Wizard</b>	<i>Production Order</i> can be selected as <i>Base Document</i> in the <i>Procurement Confirmation Wizard</i> . SAP Note <a href="#">2945172</a> (FP2008)	All
<b>Edit Closed or Canceled Production Orders</b>	When a <i>Production Order</i> is closed or canceled, the following fields will be editable: <ul style="list-style-type: none"> <li>- <i>Remarks</i> on the form footer</li> <li>- <i>Pick and Pack Remarks</i> on the form footer</li> <li>- <i>Reference Document</i> on the <i>Summary</i> tab</li> <li>- <i>Attachments</i> on the <i>Attachments</i> tab</li> <li>- <i>User-Defined Fields</i> on <i>Production Order – Title</i> and on <i>Production Order - Rows</i></li> </ul> SAP Note <a href="#">2920833</a> (FP2008)	All
<b>Delete Bill of Materials (BOM) en Masse</b>	<i>Bill of Materials</i> (BOM) can be deleted en masse from <i>Bill of Materials Management</i> . SAP Note <a href="#">2926091</a> (FP2008)	All

# Inventory | Distribution

FP2011 Update

Feature	Description	Localization
<b>Last Prices Report in Item Master Data</b>	<i>Last Prices Report</i> can be opened in the <i>Item Master Data</i> window. SAP Note <a href="#">2979973</a> (FP2011)	All
<b>Display Preferred Vendor Name in Item Master Data</b>	The <i>Preferred Vendor Name</i> is displayed in the <i>Item Master Data</i> -> <i>Purchasing Data</i> tab. SAP Note <a href="#">2970897</a> (FP2011)	All
<b>Sales/Purchase Item in Item Master Data can be Deselected</b>	When an item that is a component of another item in a bill of material (BOM) the option <i>Sales Item</i> or <i>Purchase Item</i> can be deselected. SAP Note <a href="#">1329054</a> (FP2011)	All

Feature	Description	Localization
<b>Hidden BOM Components are Not Printed on SAP Crystal Reports</b>	Defined ' <i>Hide BOM Components in Printout</i> ' are not printed using SAP Crystal Report layouts. SAP Note <a href="#">2319313</a> (FP2102)	All

# Inventory | Distribution

FP2105 Update

Feature	Description	Localization
<b>QR Codes for Item Master Data</b>	New field <i>Create QR Code From</i> is available in the <i>Item Master Data</i> . SAP Note <a href="#">3060959</a> (FP2105)	All

# Platform | Extensibility

SAP Business One 10.0



# Service Layer Enabled for Microsoft SQL Server

PL01 Update

**POST** Login

Login Service Layer with the specified credentials.

**Example**

```
POST https://localhost:50000/b1s/v1/Login
{
  "CompanyDB": "SBODEMOUS",
  "Password": "1234",
  "UserName": "manager"
}
```

## BusinessPartners

Show/Hide | List Operations | Expand Operations

This entity enables you to manipulate 'BusinessPartners'. It represents the business partners master data in the Business Partners module. You can use this data to record and retrieve business partner (customers, vendors, and leads) information and schedule business partner activities.

**GET** BusinessPartners(id)

Retrieve all or some selected properties from an instance of 'BusinessPartners' with the given id.

**Example**

```
GET https://localhost:50000/b1s/v1/BusinessPartners('c001')
GET https://localhost:50000/b1s/v1/BusinessPartners('c001')?$select=CardCode,CardName,CardType
```

**GET** BusinessPartners

**POST** BusinessPartners

**PATCH** BusinessPartners(id)

**DELETE** BusinessPartners(id)

## Feature

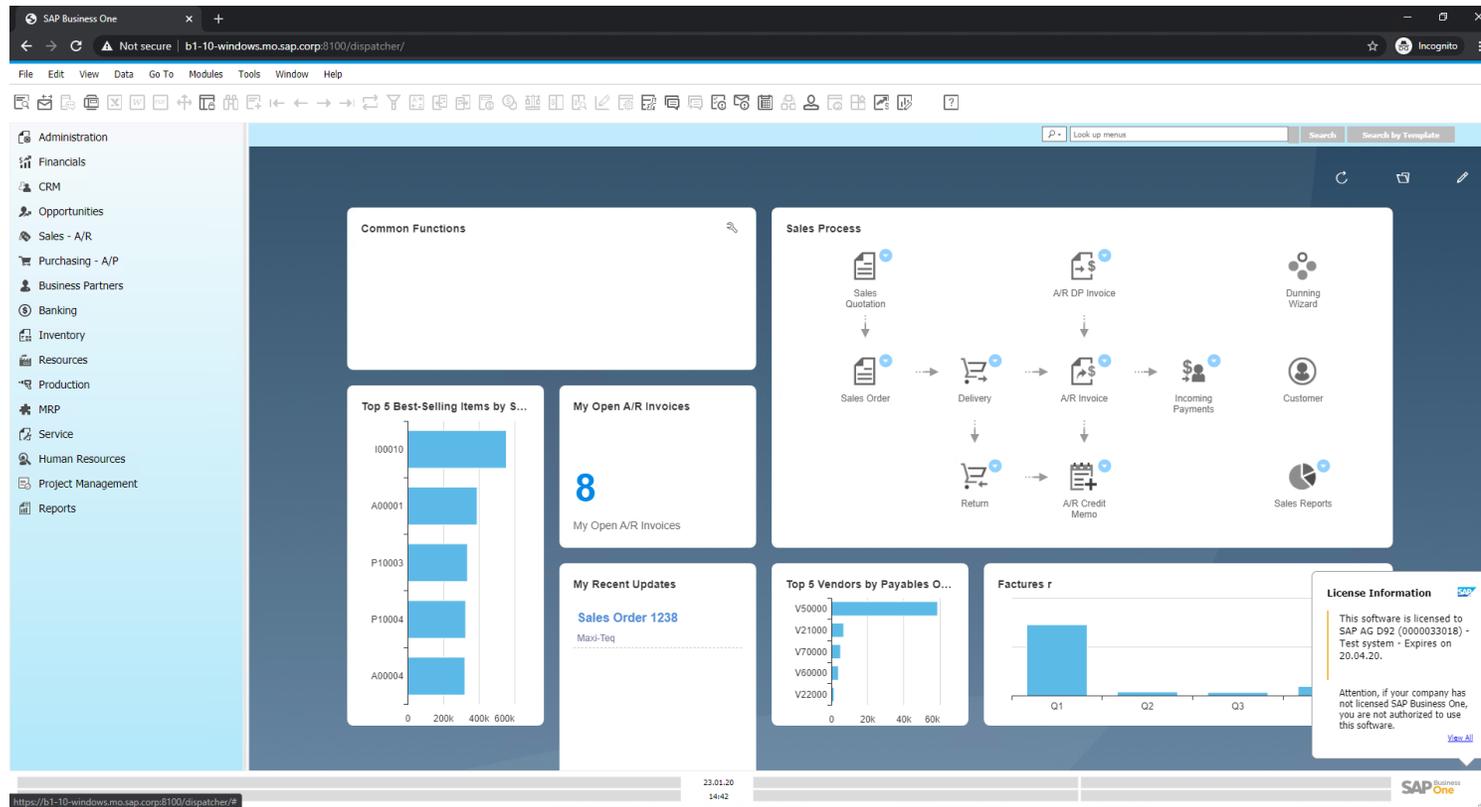
- Built on core protocols such as HTTP and OData
- Highly scalable (parallel-processing)
- High availability (load balancing)

## Benefit

- Ready for loosely coupled extensibility running for MSSQL and HANA

# Gatekeeper (Browser Access) Service

PL01 Update



## Feature

- SAP Business One Client UI is rendered and published via gatekeeper service over the HTTPS protocol

## Benefit

- Easy access
- No local client is needed

# Service Layer Configuration UI



SAP Business One Service Layer Controller

Welcome, B1SiteUser | [System Landscape Directory](#) | [Help](#)

### Service Layer Settings

Service Layer Service : `https://b1x-only.sap:50000`

Current Status : Running

Version :10.00.100    Special Build :00    Service Pack :00    Codeline :10.0\_REL    Last Changelist :1868519

CPU Utilization : 0 (%)

Memory Utilization : 1981.87 (M)

### Node Management

Max Members	Sticky Session	Disable Failover	Timeout	Failover Attempts	Method	Path	Active
4	ROUTEID	Off	300	3	bybusyness	/b1s	Yes

Worker URL	Route Redir	Factor	Set	Status	Elected	Busy	Load	To	From
------------	-------------	--------	-----	--------	---------	------	------	----	------

### Service Layer Configuration

Cors

Cors Allowed Headers

Cors Allowed Origins

Request & Response Logs

WCF Compatible

Max Request Workers

Max Spare Servers

Min Spare Servers

Max Connections Per Child

Log Levels

Session Timeout

#### Advanced Configuration

Session Sticky

Max Session Per Process

### Download Logs

Duration:

## Feature

- New *System Landscape Directory URL* for **Service Layer configuration**
- **`https://<hana-server>:<sld-port>/ServiceLayerController`**

## Benefits

- No need to edit multiple configuration files

# Formatted Search Supports Multiple Triggers

The screenshot displays a 'Sales Order' window. At the top, there are fields for Customer (C40000), Name (Earthshaker Corporation), Contact Person (Bob McKensly), and BP Currency (\$). A table below shows item details with columns for Item No., Item Description, Total Addition, and five metrics (Metric-01 to Metric-05). The table contains three rows of data, with the second row highlighted in orange. A dialog box titled 'User-Defined Values - Setup' is open in the foreground, showing search options and a list of metrics (Metric 01 to Metric 05) with dropdown arrows, also highlighted in orange.

Item/Service Type	Item	Total Addition	Metric-01	Metric-02	Metric-03	Metric-04	Metric-05	Quantity	Price Mode	Net	Summary Type	No Summary
1	L10001 Labor Hours Production	11	2	1	2	3	3					
2	LB0002 Hourly Service Labor Charge	12	0	9	0	2	1					
3	LB0001 Daily Service Labor Charge	5	1	1	1	1	1					

## Feature

- **User Define Values** support multiple triggers

## Benefit

- More possibilities and flexibility when implementing formatted searches/user defined values

# Extend UDF Support to Additional Objects

Category	Title	Description	Type	Dflt	Mand.	Index	Linked Table
Master Data							
Alerts Management	alr1	ale1	Alphanumeric (10)				
Attachments							
Business Partners	group1	group1	Numeric (10)				
Countries	coun1	count1	Rate				
Document Numbering							
Items	COLOR	color	Alphanumeric (10)				
Item Properties	pro2	pro2	Quantity				
UoM Master Data	uom1	uom1	Image				

## Feature

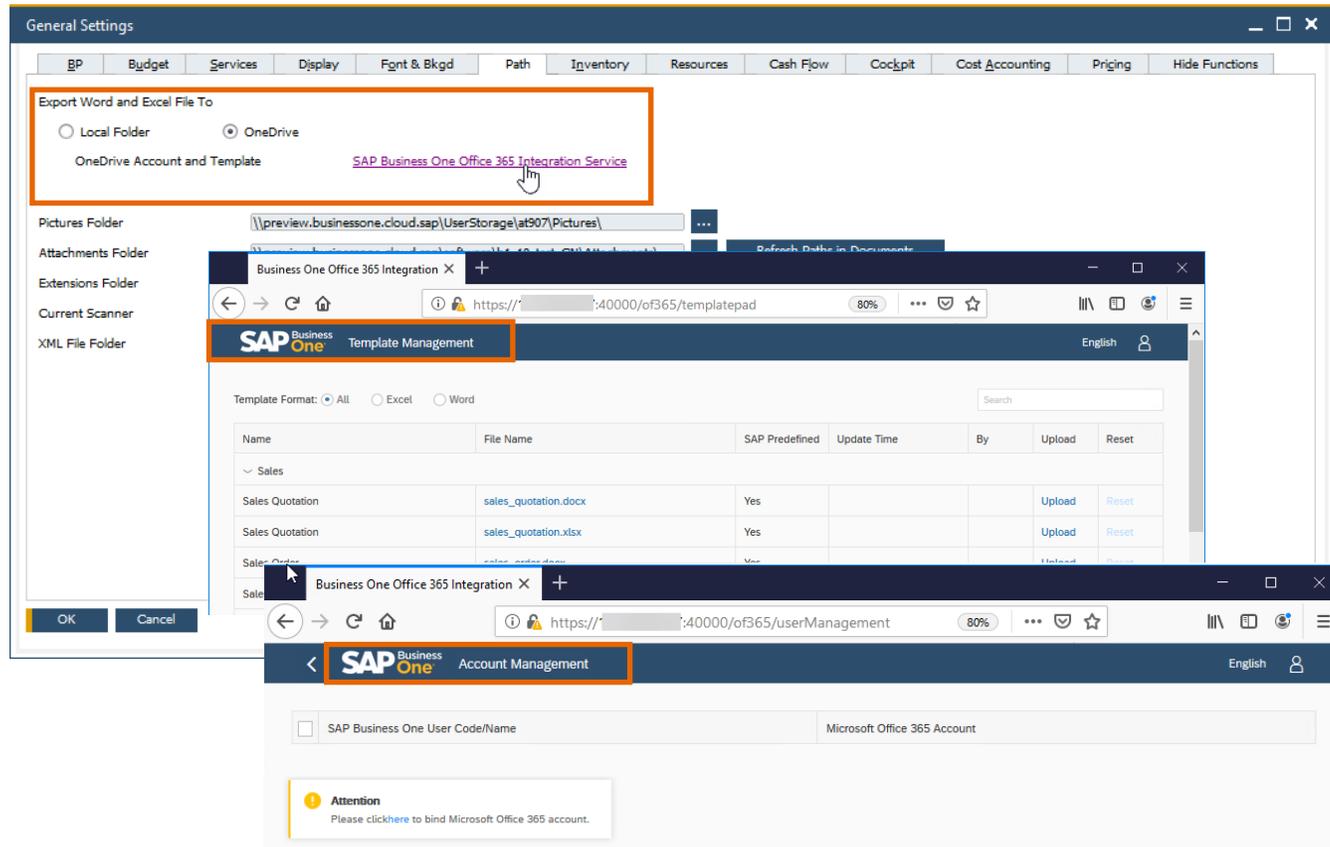
- **User Defined Fields** can be added to more **SAP Business One 10.0** objects\*
- \*Alerts (OALT), Attachment rows (ATC1), Countries (OCRY), Document Numbering Series (NNM1), BP Groups (OCRG), BP Payment Terms (OCTG), BP/Item Properties (OCQG)/(OITG), Item Preferred Vendors (ITM2), Item Prices (ITM1), Manufacturers (OMRC), UoM Master Data (OUOM), Location (OLCT), Package Types (OPKG), Branch Setup (OBPL), and Shipping Types (OSHP)

## Benefit

- More possibilities in quick solution customizing

# Microsoft Office 365 Integration

FP2102 Update



## Feature

- **Microsoft Office 365** and **OneDrive** integration allows for document layouts, grid results and reports to be exported into Excel and Word accordingly
- **SAP Business One 10.0 Template Management** allows for more flexibility in reporting and document layouts management
- **Microsoft Office 365** integration starting with **SAP Business One Cloud 1.1 PL17 (FP2102)**  
See SAP Note [3018885](#)

## Benefit

- Automatic upload of exports into OneDrive
- Easier report and document layouts management
- Access from everywhere

# Document Information Extraction

FP2102 Update

The screenshot displays the EDS Dashboard interface. At the top, there are tabs for 'Service Connectors (1)', 'Protocol Connectors (5)', and 'API Connectors (2)'. The main area shows the configuration for 'ConnectorDOX-1 (DOX)' with a 'PROCESSING' status. It includes sections for 'Event Informations' (Event types: 4, Processed events: 32, Generated events: 28) and 'Options' (Activate: Auto, Log Level: Info). Below this is a 'Document Settings' dialog box with tabs for 'General', 'Per Document', 'Electronic Documents', and 'Dgc. Information Extract.'. The 'Document Information Extraction' section is active, showing fields for 'Enable Protocol' (checked), 'UAA URL', 'PDF Folder for Extraction', 'PDF Folder for Extraction(windows)', 'Client Secret', 'Client ID', and 'Service URL'. To the left, the 'Document Drafts Report - Selection Criteria' dialog is open, showing filters for 'User' (manager), 'Date', 'Sales - A/R', 'Purchasing - A/P' (with sub-options like Purchase Request, Purchase Quotation, etc.), and 'Inventory'. At the bottom, the 'System Messages Log (11)' is visible, showing a list of messages with columns for '#', 'Message', 'Help', 'Feedback', 'Context', 'Date / Time', and 'Message ID'. The messages include draft creation, file import, and draft creation details.

## Feature

- Scanning PDF documents and extract invoice header and item information
- Create A/P invoice in SAP Business One
- See SAP Note [3021904](#)

## Benefit

- Automatic generation of A/P invoice drafts out of PDFs
- Let employees save work time and focus on new activities

# 64-bit Only Support

FP2102 Update



## Feature

- SAP Business One will support only 64bit Windows operating system
- Only 64-bit add-ons will be supported with SAP Business One 10.0

## Benefit

- Smaller software package downloads (due to removal of redundant 32-bit executables)

# Extensibility Enhancements

FP2202 Update

SAP Business One Service Layer Controller

Welcome, B1SiteUser | [System Landscape Directory](#) | [Help](#)

Service Layer Settings | Monitor

### Normal Request

Duration: Recent 10 days

No	Method	URL	Count	Detail
0	POST	/b1s/v1/ssob1s/saml2/sp/acs	24	<a href="#">Details</a>
1	POST	/b1s/v1/LicenseService_GetInstallationNumber	24	<a href="#">Details</a>
2	POST	/b1s/v1/CompanyService_LogLoginAction	24	<a href="#">Details</a>
3	POST	/b1s/v1/Login	18	<a href="#">Details</a>
4	POST	/b1s/v1/ssob1s/	46	<a href="#">Details</a>
5	GET	/b1s/v1/ssob1s	2	<a href="#">Details</a>

### Normal Request Detail

Time	Duration	Sid	Node	Http Code	Pid	Client IP
30/Nov/2021:10:04:05	1s	-	-	200	6048	10.58.81.242
07/Dec/2021:14:42:03	0s	23b859a8-5728-11ec-8000-005056877337	.node3	200	157676	10.33.130.230
07/Dec/2021:14:42:31	0s	c97ec016-5728-11ec-8000-005056877337	.node3	200	157676	10.33.130.230
07/Dec/2021:14:42:52	0s	da0b6fce-5728-11ec-8000-005056877337	.node3	200	157676	10.33.130.230
07/Dec/2021:14:43:26	0s	e6b389b4-5728-11ec-8000-005056877337	.node3	200	157676	10.33.130.230
07/Dec/2021:14:50:19	0s	-	-	200	157676	10.58.81.242
07/Dec/2021:14:33:56	3s	-	-	200	146404	10.33.130.230
07/Dec/2021:14:34:20	0s	a784ecd4-5727-11ec-8002-005056877337	-	200	146404	10.33.130.230

### Error Request

Duration: Recent 10 days

No	Method	URL	Count	Detail
0	POST	/b1s/v1/ssob1s/saml2/sp/acs	1	<a href="#">Details</a>
1	GET	/b1s/v1/ssob1s	1	<a href="#">Details</a>
2	GET	/b1s/v1/Login	2	<a href="#">Details</a>
3	GET	/b1s/v1/items2	2	<a href="#">Details</a>
4	GET	/b1s/v1/ssob1s/	1	<a href="#">Details</a>

- Service Layer Controller is enhanced to support the Service Layer log monitor with the following functionalities:
  - Show normal requests
  - Show error requests
  - Show detail logging

# Identity and Authentication Management (IAM)

**FP2208 Update**

Sign in to SAP Business One and supported components with your Identity Provider\* user



- Single sign-on (SSO) experience
- Enhanced security and reducing potential attack surface
- One stop shop for user management actions across B1 company databases
- No need to remember multiple passwords

## FP 2208 Enables You to Sign in Using IAM to the Following Components:

- SAP Business One Desktop Client
- SAP Business One Web Client
- System Landscape Directory
- License Service
- Service Layer
- DI API
- Extension Manager
- Job Service
- Mobile Service (except for touch ID for Android)
- Analytics Platform
- API Gateway Service
- Outlook Integration Server
- Excel Report and Interactive Analysis
- Data Transfer Workbench (DTW)
- Microsoft 365 Integration

**!** In FP 2208, the IAM service is not supported by the corresponding SAP Business One Cloud version; This is planned for future SAP Business One Cloud versions

\*With FP 2208, it is possible to register only AD FS or Azure Active Directory as external identity providers in OIDC

# IAM Enhancements

FP2305 Update



## IAM Functionality

- Two-Factor Authentication – introducing 2FA within SAP Business One authentication service
- Supporting Okta and SAP IAS as OIDC Identity Providers
- Supporting Single Logout - the identity provider logs you out of all SAP Business One Web-based pages in the current identity provider login session in the same Web browser
- Additional SAP Business one components to support IAM. For more information about components supported by IAM in SAP Business One, see SAP Note [3252125](#)



## Sign in

- The localization and version information are visible in the Choose Company window when you log into SAP Business One client, mobile service and IMCC
- When you log into SAP Business One client, the company that you log in last time is selected by default in the Choose Company window
- Introducing “Change password” option on the login page when you log into SAP Business One with the bound user account



## User Binding

- Bind users from SAP Business One Client
- Multiple company user binding - select more than one company when binding an IDP user to a same company user
- Enhanced UX - when binding an IDP user to a company user code, if the user code is newly defined for all selected companies, the label (New) shows after the user code. The default user code is the IDP user name



## Cloud & Extensions

- Log into Service Layer with a Windows domain user account after activating Active Directory Domain Services and binding its users to company users.
- Next Cloud release will support deployment of FP 2208 (without IAM)
- Future Cloud release will introduce IAM support for SAP Business One systems hosted via Cloud Control Center

- Identity and Authentication Management (IAM) supported in Cloud
  - Can be consumed in Cloud PL 20 together with SAP Business One 10.0 FP 2405 and higher (feature visibility controlled via new global setting). For more details refer to the [guide](#).
- Principal Propagation setup via SSO Extension Manager (preview):
  - SAP Business One Principal Propagation is an authentication mechanism that can pass the end user context from partner application to APIs of SAP Business One. You can make the configuration in the Extension Single Sign-On Manager.
  - Please note that this feature is a preview feature and will become fully operational once the documentation and sample code are provided in a future release.

# Platform & Extensibility

See also the SAP Business One Platform Support Matrix ([MS SQL](#) / [SAP HANA](#))

Feature	Description	Localization
<b>SAP HANA 2.0 Platform Adaption</b>	SAP HANA 2.0 supported only	All 
<b>Support SLES 15</b>	Suse Linux Enterprise Server SLES 15 only	All 
<b>SAP HANA 2.0 Platform Adaption for Remote Support Platform 3.2</b>	RSP 3.2 supports SAP HANA 2.0	All 
<b>Integration Framework for SAP Business One</b> <b>SAP Business One integration for SAP NetWeaver</b>	Additional <i>System Types</i> in <i>System Landscape Directory</i> available: <i>SAP Business One 10.0</i> <i>SAP Business One Generic</i> <i>S/4 HANA on Premise</i> SAP Note <a href="#">2857220</a>	All
<b>DI API: Blocking Updating Address ID in Business Partner Master Data through DI API</b>	New checkbox <i>Allow to Update Address ID</i> added to the <i>Administration</i> -> <i>System Initialization</i> -> <i>General Settings</i> -> <i>BP</i> tab. This checkbox is selected by default.  When deselecting the checkbox the <i>Address ID</i> field cannot be edited and updated through DI API; an error message appears.	All

# Platform & Extensibility

PL01 Update

Feature	Description	Localization
<b>DI API and Service Layer: Recurring Postings</b>	Recurring Postings exposed to DI API and Service Layer SAP Note <a href="#">2878517</a> (PL01)	All
<b>DI API and Service Layer: Posting Template</b>	Posting Templates exposed to DI API and Service Layer SAP Note <a href="#">2878484</a> (PL01)	All
<b>DI API and Service Layer: Cancel and Restore Approval Requests</b>	New methods added to cancel and restore <i>Approval Requests</i> in DI API and Service Layer SAP Note <a href="#">2859177</a> (PL01)	All
<b>DI API: Additional Reference Documents</b>	Additional document referencing for <i>Goods Receipt, Goods Issue, Purchase Request, Inventory Transfer, Inventory Transfer Request, Checks for Payment</i> SAP Note <a href="#">2866114</a> (PL01)	All

# Platform & Extensibility

PL02 Update

Feature	Description	Localization
MS SQL Server 2019	SAP Business One supports Microsoft SQL Server 2019 SAP Note <a href="#">2877473</a> (PL02)	All
<b>Service Layer: Supports SQL View Exposure</b>	Service Layer on Microsoft SQL can discover and expose regular customized SQL views in OData V3/V4 protocol SAP Note <a href="#">2912563</a> (PL02)	All
<b>Service Layer: Configuration Controller</b>	Configuration Controller for Service Layer is available, providing a user-friendly interface to update configuration parameters. SAP Note <a href="#">2912506</a> (PL02)	All
<b>API Gateway</b>	API Gateway is available to access business data with a unified service endpoint, providing a one-time authentication to access Crystal Reports. SAP Note <a href="#">2890290</a> (PL02) See <a href="#">What's New</a> in SAP Business One 10.0	All
<b>SAP Crystal Reports 2016 SP7</b>	SAP Crystal Reports 2016 SP7, version for the SAP Business One application is available SAP Note <a href="#">2584094</a> (PL02)	All

# Platform & Extensibility

FP2008 Update

Feature	Description	Localization
<b>Linking UDF on UDT to System Objects and UDO</b>	An UDF on a system form can be linked to a system form, user-defined table (UDT), or a user-defined object (UDO). SAP Note <a href="#">2949633</a> (FP2008)	All
<b>Service Layer and DI API: More Properties in SalesPersons Object for Sales Employee Exposed</b>	The following properties of the SalesPersons object (database table OSLP) are available in the DI API and Service Layer: <ul style="list-style-type: none"><li>- Telephone</li><li>- Mobil</li><li>- Fax</li><li>- Email</li></ul> SAP Note <a href="#">2932743</a> (FP2008)	All
<b>SAP Business One Studio Suite Supports Microsoft Visual Studio 2017 and 2019</b>	SAP Business One Studio Suite supports Microsoft Visual Studio 2017 and 2019 SAP Note <a href="#">2936980</a> (FP2008)	All

Feature	Description	Localization
<b>Security Certificates Enhancements for Lightweight Extensions</b>	Trusted certificate for add-ons running in the landscape is needed. The add-on security mechanism will verify registered add-ons. SAP Note <a href="#">2979022</a> (FP2011)	All
<b>Service Layer: GetAddressFormat and GetFullAddress Exposed</b>	In the Service Layer <i>GetAddressFormat</i> and <i>GetFullAddress</i> exposed as new <i>AddressService</i> . SAP Note <a href="#">2990130</a> (FP2011)	All
<b>Service Layer: Supports SQL Query</b>	The Service Layer on Microsoft SQL Server and SAP HANA supports SQL Query to enhance the query capability of the Service Layer and to reduce manual effort to deploy views. SAP Note <a href="#">2970896</a> (FP2011)	All
<b>Service Layer: JavaScript Extension Works with oData Version 4.0</b>	<i>JavaScript Extension</i> works with oData Version 4.0 in Service Layer. SAP Note <a href="#">2959007</a> (FP2011)	All
<b>Service Layer and DI API: Holiday Dates Exposed</b>	Holiday date objects are exposed through Service Layer and DI API. SAP Note <a href="#">2970998</a> (FP2011)	All

# Platform & Extensibility

FP2011 Update

Feature	Description	Localization
<b>DI API: Insert Rows at any Place in Production Order</b>	Insert rows at any place within the <i>Production Order</i> grid via the DI API. SAP Note <a href="#">2985713</a> (FP2011)	All
<b>DI API: License Check Function Exposed</b>	<i>SBObob.GetLicenseStatus</i> is exposed on the DI API to be able to find out whether a user has a license to access a form. SAP Note <a href="#">2970960</a> (FP2011)	All

Feature	Description	Localization
<b>Set Default Layouts for Documents/Reports and Printing Sequences in Report and Layout Manager</b>	The report and layout manager has been enhanced to set the following defaults directly in the report and layout manager: <ul style="list-style-type: none"> <li>- Set default layouts for each type of document/report</li> <li>- Set default layouts for printing sequences</li> <li>- Set a system layout as inactive</li> </ul> SAP Note <a href="#">3024856</a> (FP2102)	All
<b>Document Information Extraction Service</b>	Document Information Extraction is a service (API) from SAP that automatically reads and extracts information from digital document files and scanned documents. SAP Note <a href="#">3021904</a> (FP2102)	All
<b>Service Layer and DI API: Support <i>UserSign</i> of Documents</b>	The <i>UserSign</i> property is available to identify documents based on the user who created them. This allows to filter and search for documents based on the creator. SAP Note <a href="#">3003222</a> (FP2102)	All
<b>Service Layer: Query Supports User-Defined Tables (UDTs)</b>	The Service Layer SQL Queries supports User-Defined Tables (UDTs). SAP Note <a href="#">3009505</a> (FP2102)	All

# Platform & Extensibility

FP2102 Update

Feature	Description	Localization
<b>User-Defined Fields Link to Sales Persons (OSLP)</b>	When creating User-Defined Fields (UDFs), the <i>Linked to Entities</i> function can be used to link the UDF to Sales Persons (DB table: OSLP). SAP Note <a href="#">3003178</a> (FP2102)	All
<b>Retrieve Current Logged User in User Query</b>	In the SQL statement of an SAP Business One user query a new parameter <code>\$(USER)</code> is available which reads out the ID of the current logged user. This parameter can be used to track the current user. SAP Note <a href="#">3009652</a> (FP2102)	All

# Thank you.

