

SAPinsider Las Vegas

SAPinsider



In This Session

I have gathered together some basic items that every finance end user needs to know

• Focus on productivity enhancers for end users

This presentation will give you an idea of what you need to teach your end users

- Provides pointers for SAP analysts to develop their own training material
- It is not a self-contained course for end users

Communicate this material to end users

Use your company's standard training tools for delivery

Due to limited time, each item is covered in two or three slides only

• There is a lot more that could be written about each individual item in the presentation

Rohana Gunawardena

- Rohana Gunawardena heads the SAP practice division at Exium Inc.
- Rohana has been working with SAP since 1992
- Rohana is a Fellow of the Institute of Chartered Accountants in England & Wales.





What We'll Cover

- Introduction
- Environment
- Analysis
- ALV
- Display
- Reporting
- Master data
- Data entry
- Wrap-up

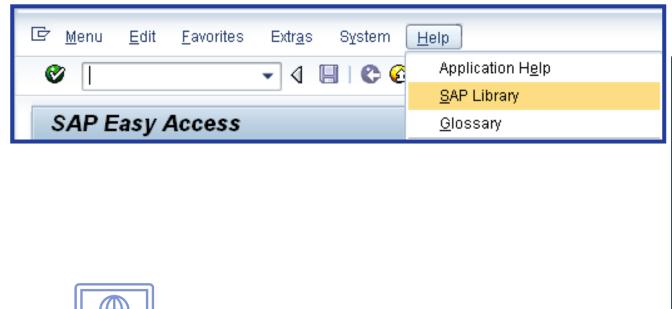


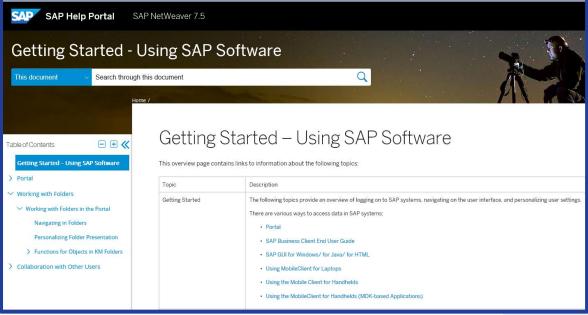


Environment

Navigation — 1. Getting Started

- All end users must know the basics of navigating SAP
 - The SAP Help Getting Started section covers the basic menu navigation, F1 help, F4 help, etc., that end users need to know







Navigation — 1. <u>Getting Sta</u>rted (cont.)

 If the Help → SAP Library option does not work for your SAP system, talk to your Basis team to get this fixed



- There is a lot of useful information in SAP Help
 - Application help
 - SAP Library
 - Glossary
- SAP Notes to help configure SAP Library:
 - 101481 Collective note: Application help and R/3 library
 - 216798 Help is not displayed
 - 333584 Frequent errors in settings of the SAP Library



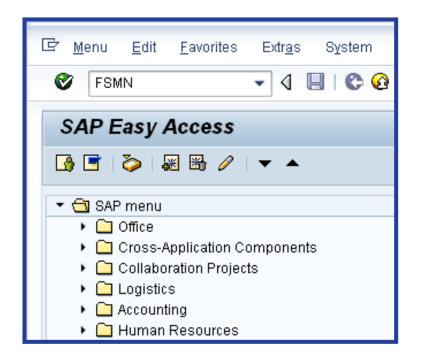
Environment — 2. Area Menus

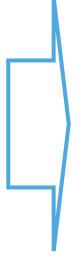


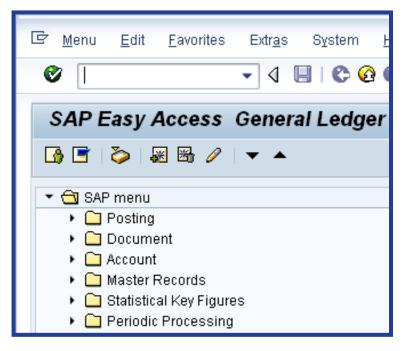
Must enter TCode at main menu. Will not work as a /N entry when in another transaction

- Users can focus on the FI-specific areas of the SAP Easy Access menu using the following codes:
 - ASMN Asset Accounting
 - FSMN General Ledger

- FKMN Accounts Payable
- FDMN Customers



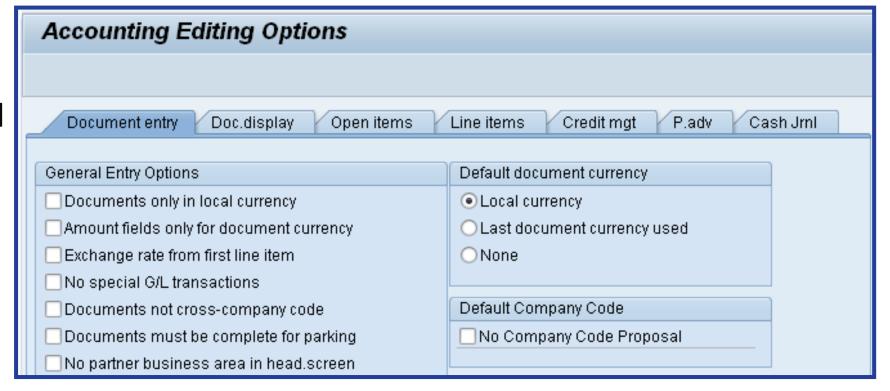






Environment — 3. FI Defaults

- Transaction FB00 lets users set default values for FI
 - Screen templates
 - Line layouts
 - Document entry settings
 - Document display format

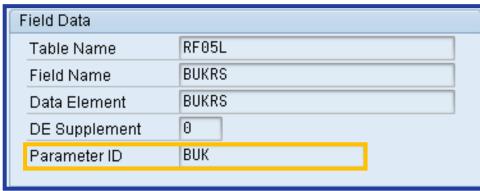




Environment — 4. Parameter IDs

- Using PIDs users can set default values for commonly used fields
 - System → User profile → Own data → Parameters (tab)



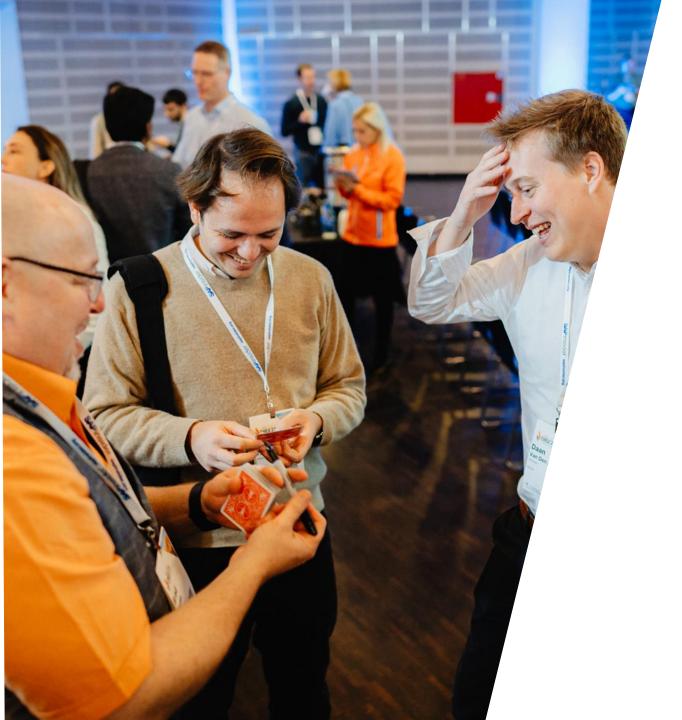




Environment — 5. Fiscal Calendar

- In SAP, there is not a good standard report for displaying the fiscal calendar
 - Write custom ABAP to print out the calendar
 - Provide a non-SAP location with the calendar, e.g., Microsoft Word document
- Making sure users understand the fiscal calendar is very important if you do not follow the regular calendar
 - E.g., you use a 4-4-5 fiscal calendar
 - E.g., your fiscal period 1 is not January
 - All SAP F4 help for dates uses the regular calendar





Analysis

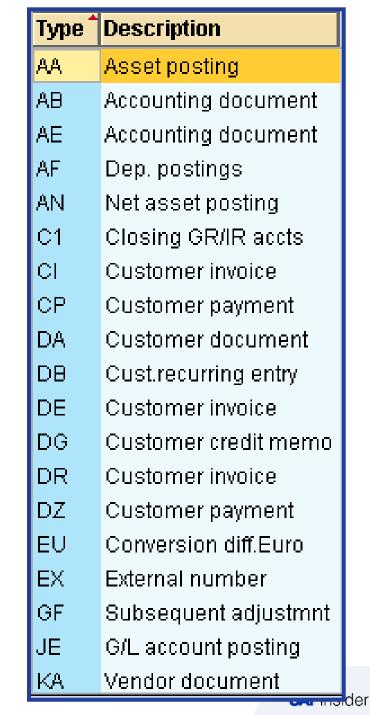
Analysis — 6. Posting Keys

PK *	Acc	Ty D/C	Posting key name
24	٧	D	Other receivables
25	٧	D	Outgoing payment
26	٧	D	Payment difference
27	٧	D	Clearing
28	٧	D	Payment clearing
29	٧	D	Special G/L debit
31	٧	С	Invoice
32	٧	С	Reverse credit memo
34	٧	С	Other payables
35	٧	С	Incoming payment
36	٧	С	Payment difference
37	٧	С	Other clearing
38	٧	С	Payment clearing
39	٧	С	Special G/L credit
40	G	D	Debit entry
50	G	С	Credit entry

- SAP uses a variety of posting keys to segregate transactions and assist with account analysis
 - Make sure that end users understand the purpose of posting keys and what the different posting keys mean
 - This is equally as important for data entry as it is for analysis

Analysis — 7. Document Types

- SAP uses a variety of document types to segregate transactions and assist with account analysis
 - Make sure end users understand the purpose of document types and what the different document types mean
 - This is equally as important for data entry as it is for analysis





Analysis — 8. D, K, and S (Account Types)

- SAP is a German system and in many places German mnemonics are still visible to end users
- The following codes are used by SAP to identify different account types

D Debitoren

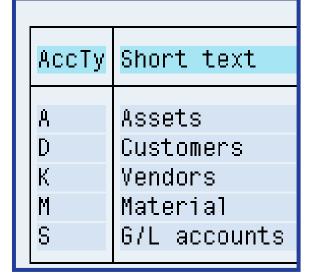
Customer

• K Kreditoren

Vendor

• S Sachbuchkonto

G/L Account



Account Type



Analysis — 9. Soll and Haben (Debit and Credit)

- SAP is a German system and in many places German mnemonics are still visible to end users
- The following codes are used by SAP to identify Dr and Cr:

• S Soll Debit

• H Haben Credit

D/C	Short text
Н	Credit
S	Debit



ALV



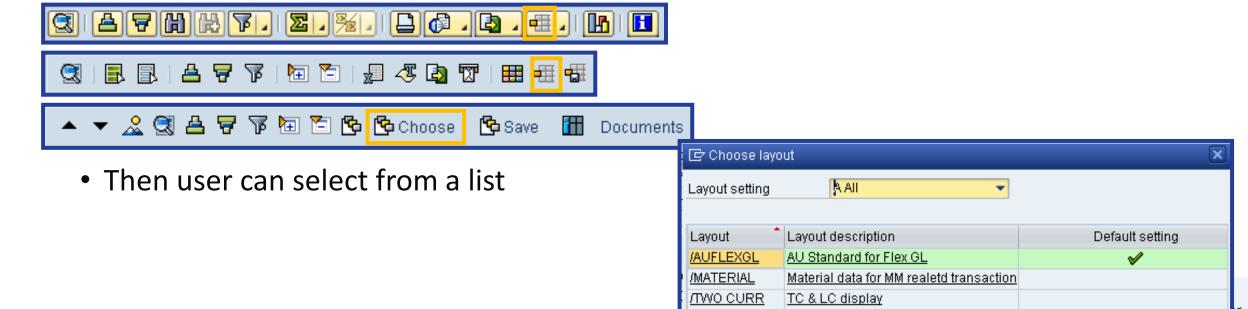
ALV — Introduction

- Application List Viewer (ALV) is a standardized report display functionality that is used across multiple SAP reports, finance, and non-finance
 - A great improvement over classical SAP reporting
 - Being used by many new reports, and old ones are converted
- Find more detailed ALV user information in SAP Getting Started
 - See screenshot on next slide



ALV — 10. Choose an ALV Variant

- Many finance reports use ALV to provide flexible output
 - End users can get the most from reports by being familiar with ALV functionality
- The user can choose previously saved layouts
 - The "choose ALV variant" button can appear in several formats



ALV — 10. Choose an ALV Variant (cont.)

- For commonly used reports with ALV output, it is best if functional analysts or super users create a set of ALV layouts that end users can select from
 - As users gain experience with ALV layouts, they can proceed to create their own custom ALV layouts
 - As well as defining column sets, ALV layouts can include:
 - Sub-totaling
 - Summarization
 - Sorting
 - Filtering



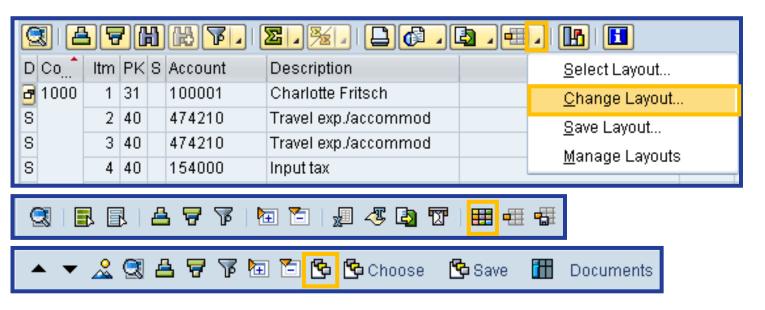
ALV — 11. Edit an ALV Variant

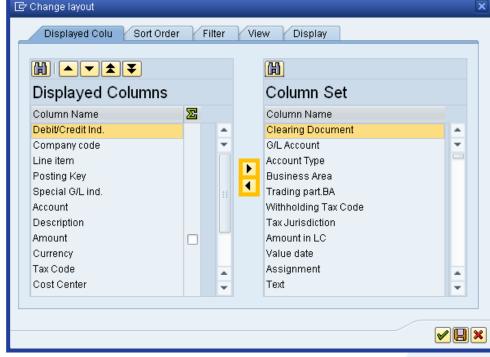
The user can edit the existing ALV layout

• The "edit ALV variant" button can appear in several formats

• The column selection pop-up will appear, allowing the user to change

the set of displayed columns



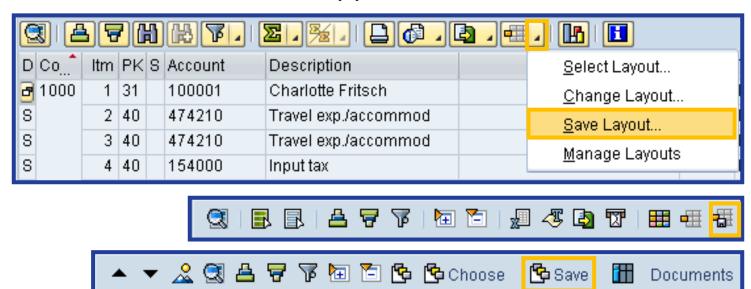




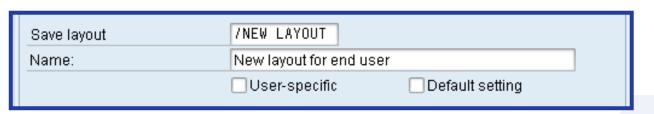
ALV — 12. Save an ALV Variant



- The user can save the current ALV layout
 - The "save ALV variant" button can appear in several formats



- Best to save as:
 - Not user-specific, starts with /
 - Not default setting

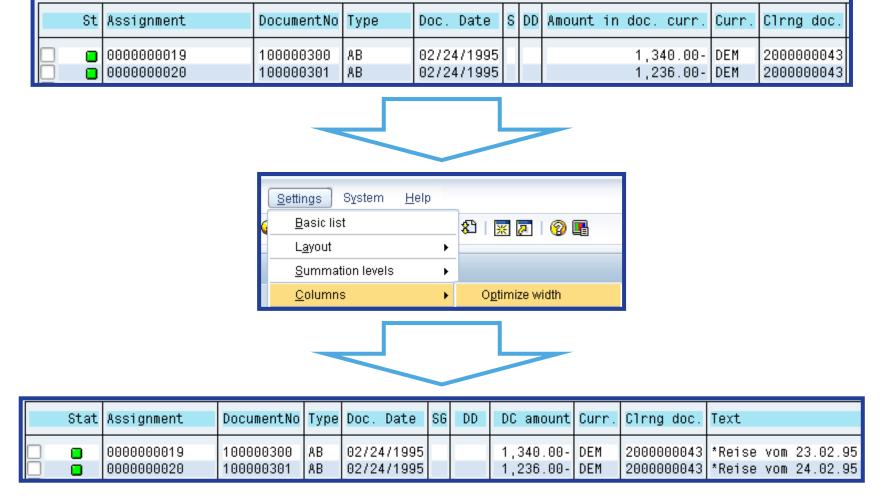




ALV — 13. Optimize ALV Column Width

To show more data on screen, ALV reports can optimize the column

width





Display



Display — 14. FI Document

Transaction FB03 displays an FI document

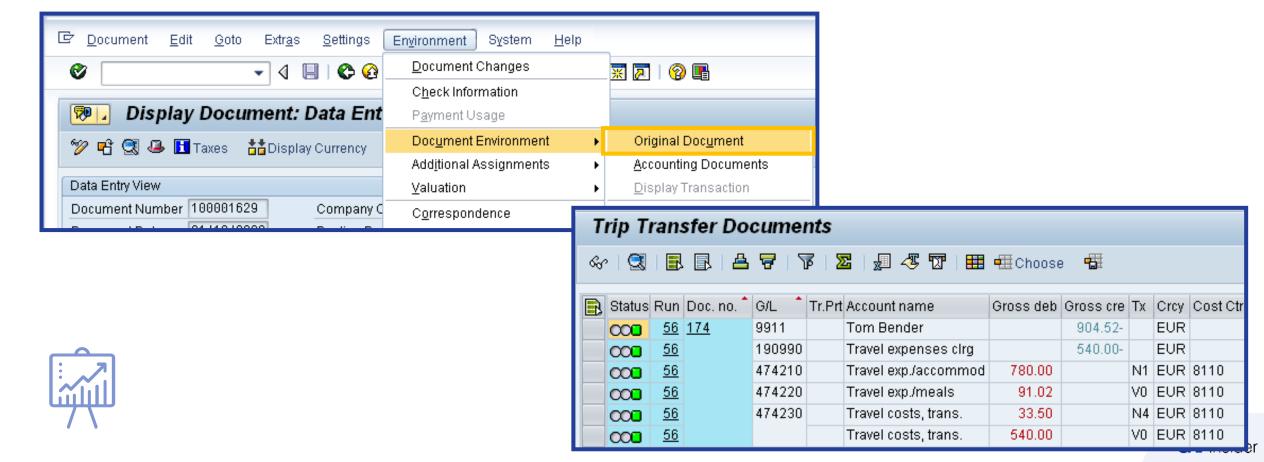


	Display Document: Data Entry View										
🎾 🗗 🕲 🕒 🖪 Taxes 🛗 Display Currency 🖽 General Ledger View											
Data Er	Data Entry View										
Document Number 100001629			1	Company Code 1000		Fiscal Year		2002			
Docum	Document Date 01/10/2002		2	Posting Date 01/10/2002		Period		1			
Reference 0002600163/000 Cross-CC no.							_				
Curren	Currency EUR				Texts exist	Ledger Group					
D Co	ltm	PK	S	Account	Descript	tion		Amount	Curr.	Tx	Cost Center
1000	1	31		9911	Tom Bender			904.52-	EUR	**	
Н	2	50		190990	Travel ex	xpenses cirg		540.00-	EUR		
S	3	40		474210	Travel exp./accommod			780.00	EUR	N1	8110
S	4	40		474220	Travel exp./meals			91.02	EUR	V0	8110
S	5	40		474230	Travel costs, trans.			31.02 EUR		N4	8110
S	6	40		474230	Travel costs, trans.			540.00 EUR		V0	8110
S	7	40		154000	Input tax 2.48 EUR N4						

der

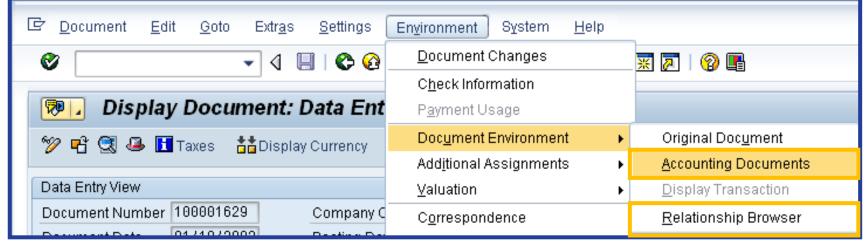
Display — 15. Original Document

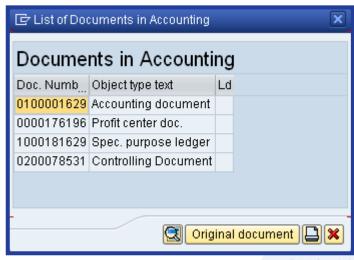
 Display original source document, e.g., SD invoice, MM posting, expenses, etc.



Display — 16. Related Accounting Documents

- There are two options from the FI document display:
 - Display related FI documents, e.g., FI-SL doc, CO document
 - Display chain of related documents using the Document Relationship Browser







Display — 16. Related Accounting Documents (cont.)

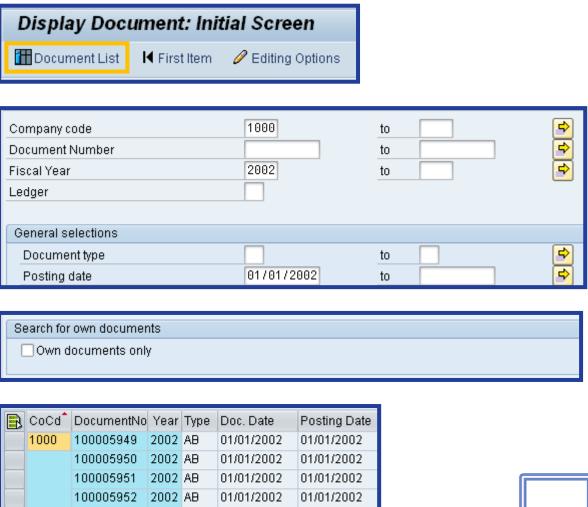
Document Relationship Browser view

Document Relationship Browser							
Relationship Tree	Descriptn						
 Accounting document 	1000 0100001629 2002						
▼ TRAVL	0000000174						
 Special Ledger Documer 	1000 1000181629 2002 S 0F						
 Controlling Document 	1000 0200078531						
 Profit Center Doc. 	1000 0000176196 2002 A						
 Special Ledger Documer 	1000 1000181629 2002 S BVV						
 Special Ledger Documer 	1000 001000 1000181629 2002 S G0						
 Special Ledger Documer 	1000 1000181629 2002 S LA						
 Special Ledger Documer 	1000 1000181629 2002 S LB						
 Special Ledger Documer 	1000 1000181629 2002 S LC						



Display — 17. Find an FI Document

- Choose Document List from the FB03 initial screen
- Enter selection criteria
 - This is report RFBUEB00
 - The "Own documents" checkbox is useful
- The document list is displayed
- Double-click to display



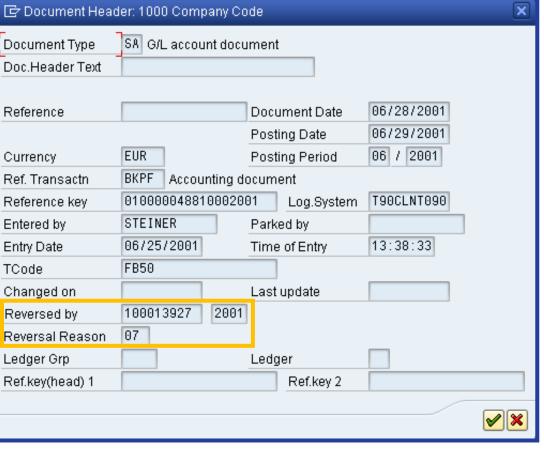
SAPinsider

Display — 18. Has an FI Document Been Reversed?

Display the document header

- See if a reversal document number is entered
 - Press Reversal Document button or double click on Reversed by number in header to display reversal document







Display — 19. Has a Line Item Been Cleared?

• From the document overview, display the document line item



• In the line item, see if a clearing document is entered





Display — 20. Multi-Currency FI Documents

- FI documents are stored in a minimum of two currencies:
 - Document/Transaction Currency
 - Local/Company Currency
- Additional currencies may be configured for FI-GL or SAP-GL
 - Group Currency, Hard Currency, etc.



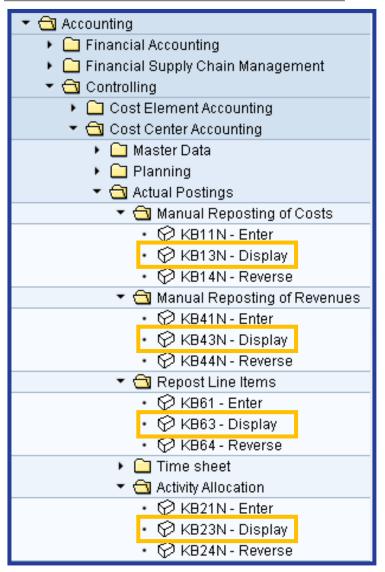
Display — 20. Multi-Currency FI Documents (cont.)

- You may not have additional currencies defined for you GL
 - Often left out at initial system configuration
 - Can not be turned on with just configuration changes post go-live
- The change will require a conversion project
 - But is much cheaper and quicker than re-implementing SAP



You need to call SAP or a specialist consulting firm to make the change for you

Display — 21. CO



- There are many CO document display transactions in the menu
 - But these transactions are process-specific
 - Need to find the display transaction to match the way the document was created
 - Other display transactions show an error message

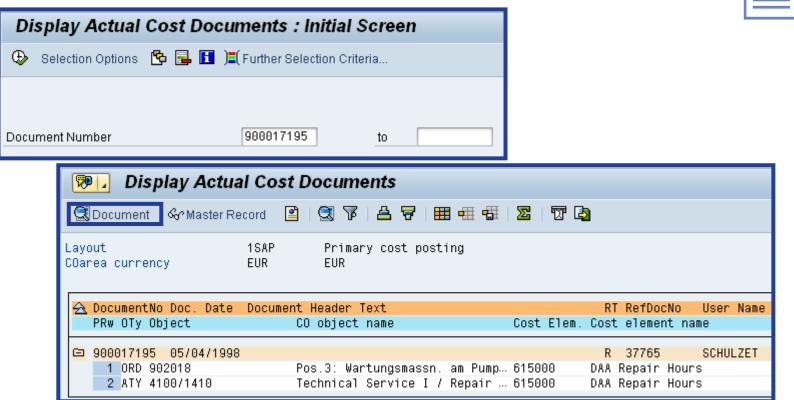
📵 Business transaction Actual activity allocation for document 0900017195 is not supported here.

Display — 21. CO Document (cont.)



 Use transaction KSB5 to display any actual cost CO document

Press the
 Document button
 to display the
 original doc



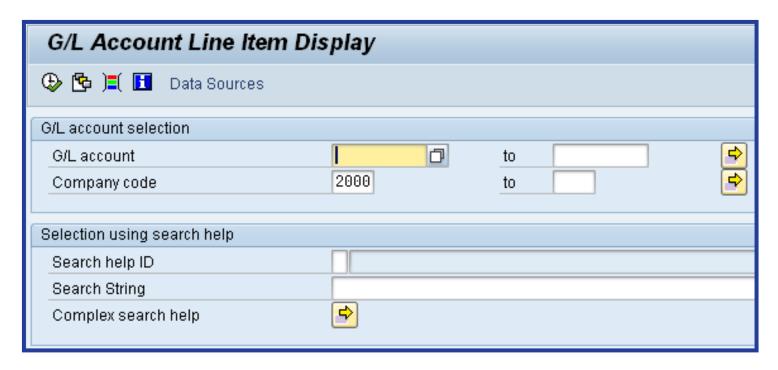


Reporting



Reporting — 22. Line Item Display

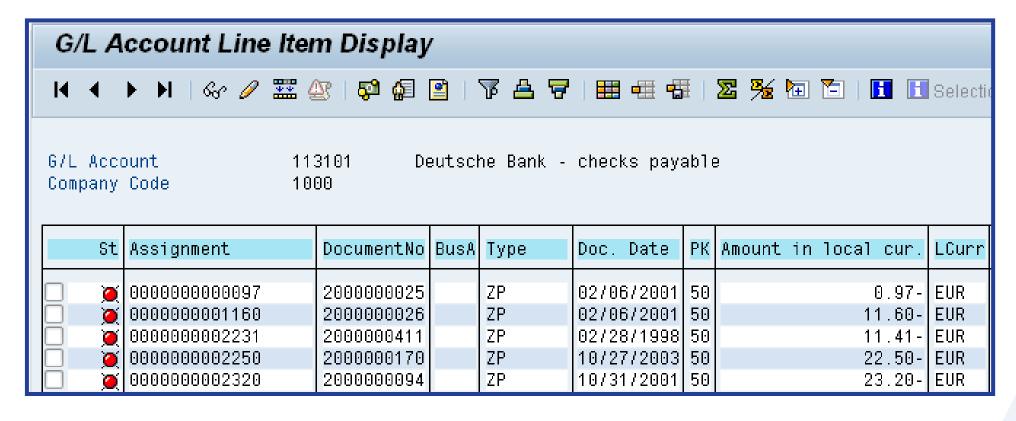
- Key transactions for line item display
 - FBL1, FBL1N Display Vendor Line Items
 - FBL3, FBL3N Display G/L Account Line Items
 - FBL5, FBL5N Display Customer Line Items





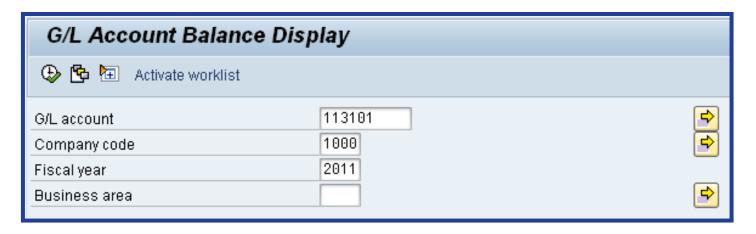
Reporting — 22. Line Item Display (cont.)

- Line item display
 - Uses ALV to allow multiple line layouts
 - User can set personal default layout in transaction FB00



Reporting — 23. Monthly Balance Display

- Key transactions for monthly balance display
 - FD10, FD10N Customer Account Balance
 - FK10, FK10N Vendor Account Balance
 - FS10, FS10N G/L Account Balance

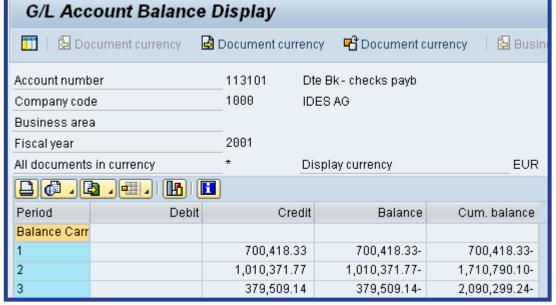


FS10N automatically goes to FAGLB03 for SAP GL (New GL)



Reporting — 23. Monthly Balanc<u>e Display (cont.)</u>

Monthly balance display



• Double-click to see line item detail like FBLx transaction

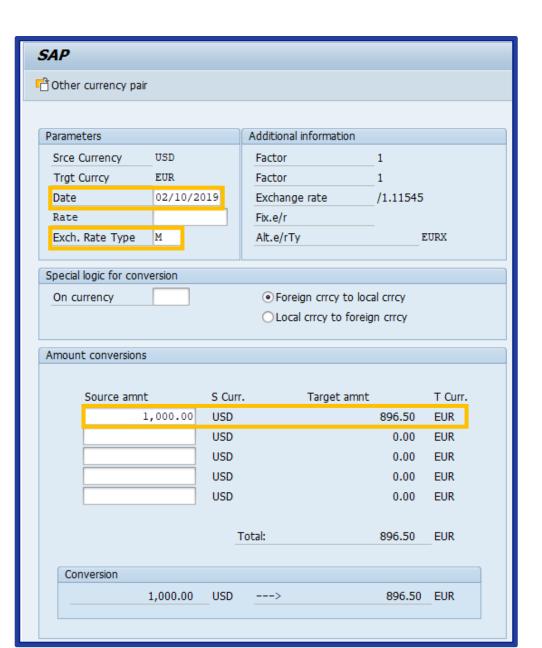
St	Assignment	DocumentNo	BusA	Туре	Doc. Date	PK	Amount	in doc.	curr.	Curr.
	0000000034000 0000012238800	2000000006		ZP	01/31/2001 01/31/2001	50		122,38		EUR EUR
	0000017875229 0000039893804	20000000001 20000000000			01/31/2001 01/31/2001	_		178,79 398,90		EUR EUR



Reporting — 24. Exchange Rates

- Transaction EWCT
- Enter currency pair for rates in popup
- Enter date and exchange rate type
- Exchange rate is displayed
- Can enter value for conversion too





Reporting — 25. Dynamic Selections

- Dynamic selections is an SAP standard functionality that exists for many FI reports
 - Greatly expands the range of selection criteria available to the end user
 - Improves report performance
 - Simplifies location of data
 - Can identify if dynamic selections are present by icon



- If dynamic selections are saved, the number will be shown
 - E.g., after retrieving a variant



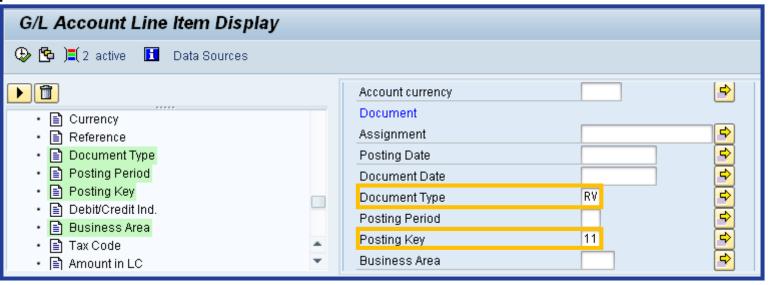


Reporting — 25. <u>Dynamic Selections</u> (cont.)

Press the dynamic selections button



Additional report selections are available



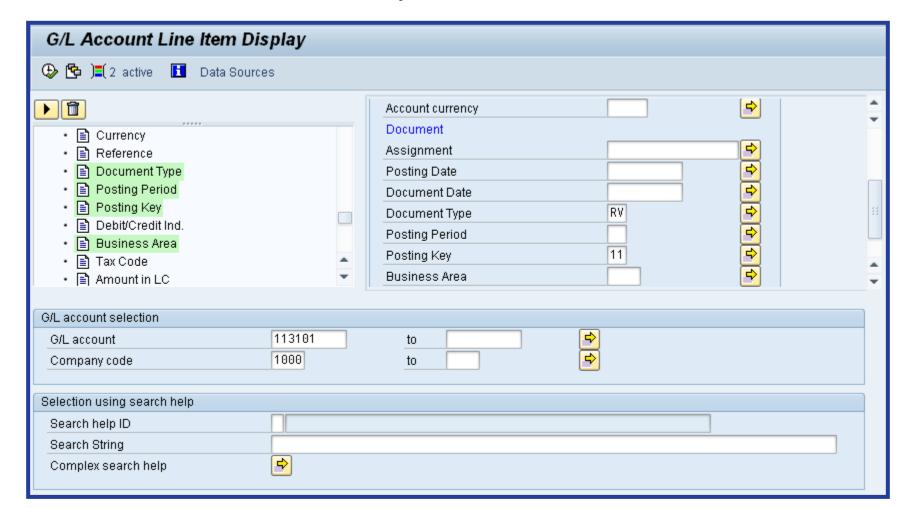


• See the online reference "Add Fields to Dynamic Selections in FI Line Item Display Reports"



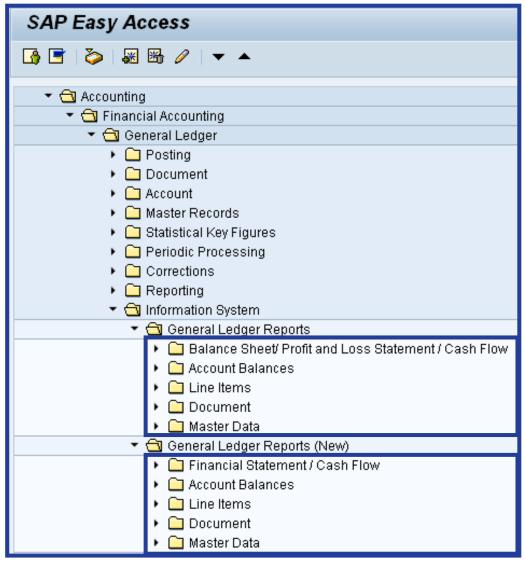
Reporting — 25. Dynamic Selections (cont.)

Full screen view of FLB3N with dynamic selections active





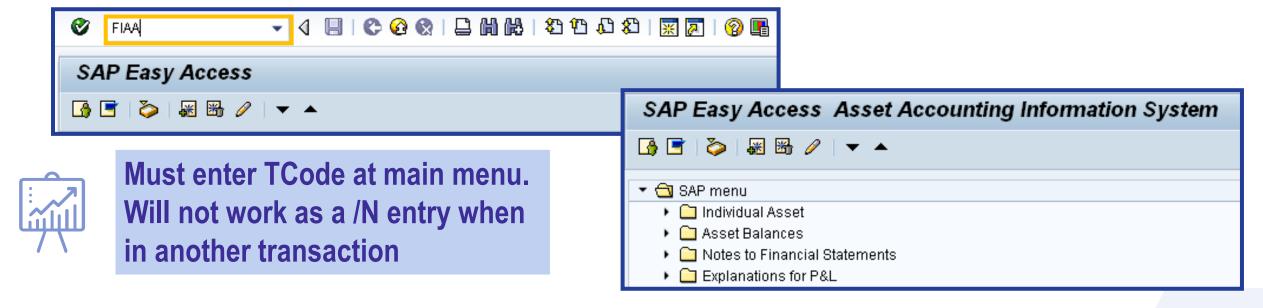
Reporting — 26. Accounting



 Here is the location of the most common accounting reports in the SAP Easy Access menu

Reporting — 26. Accounting Reporting Menu (cont.)

- The reporting menus can be called directly by entering the menu code from the SAP Easy Access menu
 - FIAA Asset Accounting Information System
 - FIAP Reports for Accounts Payable Accounting
 - FIAR Reports for Accounts Receivable Accounting



Reporting — 27. Common FI Reports

- RFBELJ00 Compact Document Journal
- RFBELJ10 Document Journal
- RFBUSU00 Posting Totals
- RFDKVZ00 Customer List
- RFDOPO00 List of Customer Open Items
- RFDSLD00 Customer Balances in Local Currency
- RFEPOJ00 Line Item Journal
- RFKKVZ00 Vendor List
- RFKOPO00 List of Vendor Open Items
- RFKSLD00 Vendor Balances in Local Currency
- RFSOPO00 General Ledger Line Items
- RFSSLD00 G/L Account Balances
 - Reports work with Classic GL and SAP GL (New GL)





Master Data

Master Data — 28. Structure

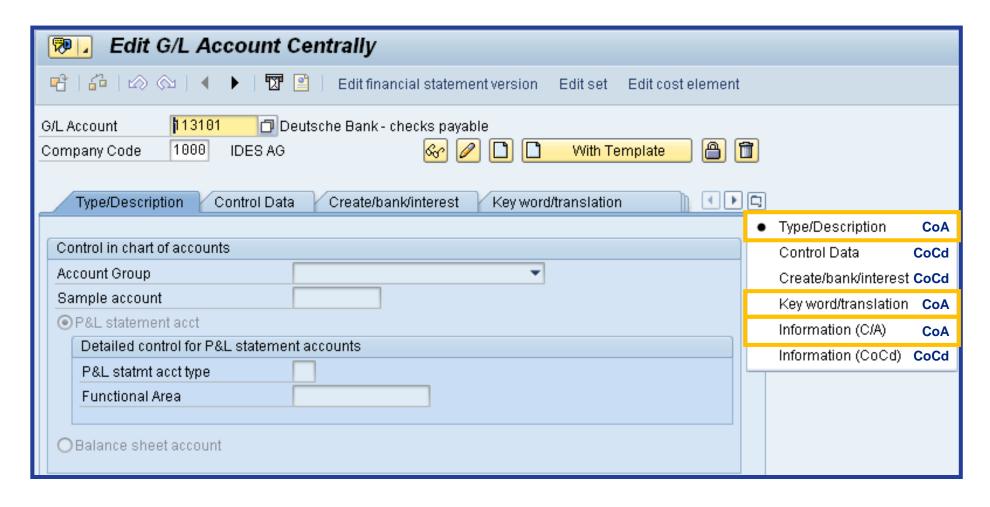
- The key FI master data of G/L, customer, and vendor are split at different levels
 - Users need to know some data affects all of the SAP system while other data is specific to a single company or sales area
 - e.g., change of customer address affects all users, but change of tolerance group impacts a single company only

	Client	Company	Logistics	
G/L	CoA	Company	n/a	
Customer	General	Company	Sales Area	
Vendor	General	Company	Purch. Org.	



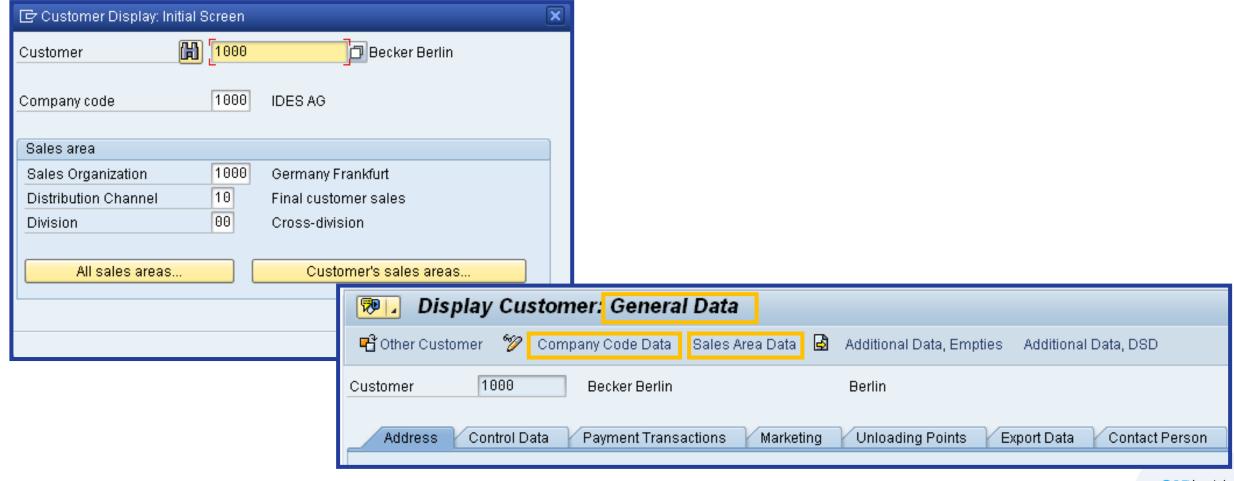
Master Data — 29. Display Transactions

• FS03 – Display G/L Master Record

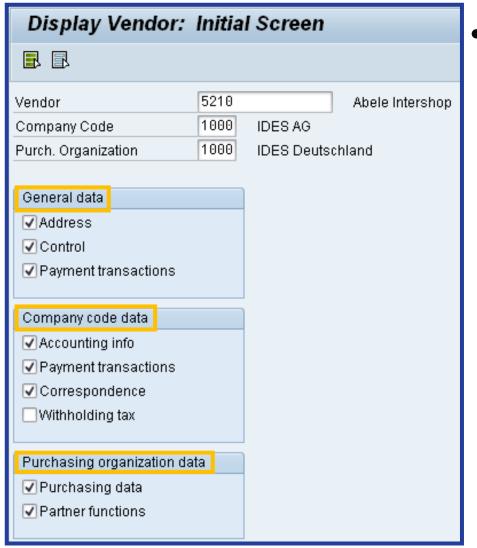


Master Data — 29. Display Transactions (cont.)

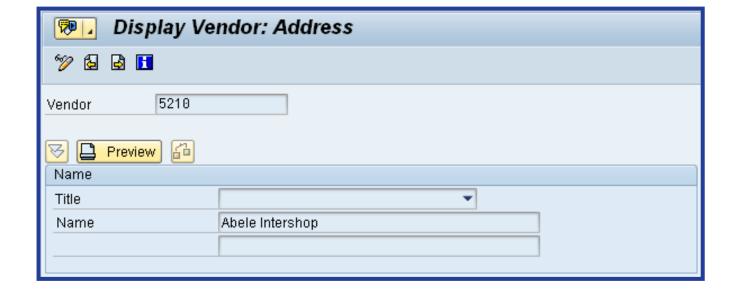
XD03 – Display Customer (Centrally)



Master Data — 29. Display Transactions (cont.)



XK03 – Display Vendor (Centrally)

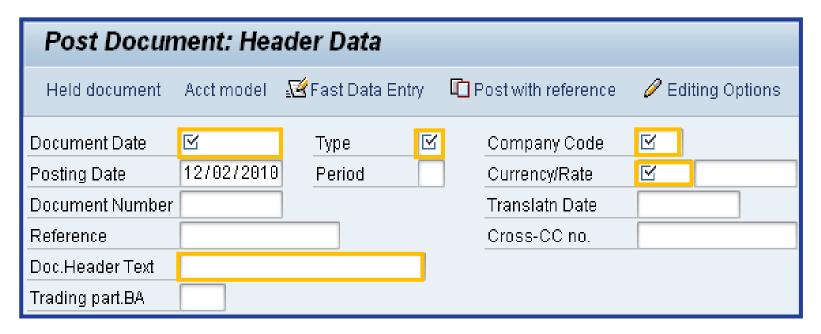




Data Entry

Data Entry — 30. Hold Data

- The "hold data" functionality allows specific fields to be set as a template
 - Very useful for repetitive data input
 - e.g., when entering multiple manual Journal Vouchers (JVs) using FB01, many fields will need the same data entered repetitively





Data Entry — 30. Hold Data (cont.)

Enter the data that will be repeated

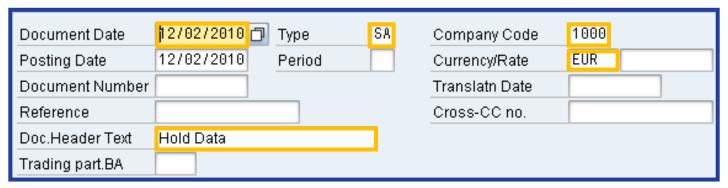
Document Date	12/02/2010	Туре	SA	Company Code	1000
Posting Date	12/02/2010	Period		Currency/Rate	EUR
Document Number				Translatn Date	
Reference				Cross-CC no.	
Doc.Header Text	Hold Data				
Trading part.BA					

• Set the hold: System → User profile → Hold data

Document Date	12/02/2010	Туре	SA	Company Code	1000		
Posting Date	12/02/2010	Period		Currency/Rate	EUR		
Document Number				Translatn Date			
Reference				Cross-CC no.			
Doc.Header Text	Hold Data						
Trading part.BA							
	📝 Data was held						

Data Entry — 30. Hold Data (cont.)

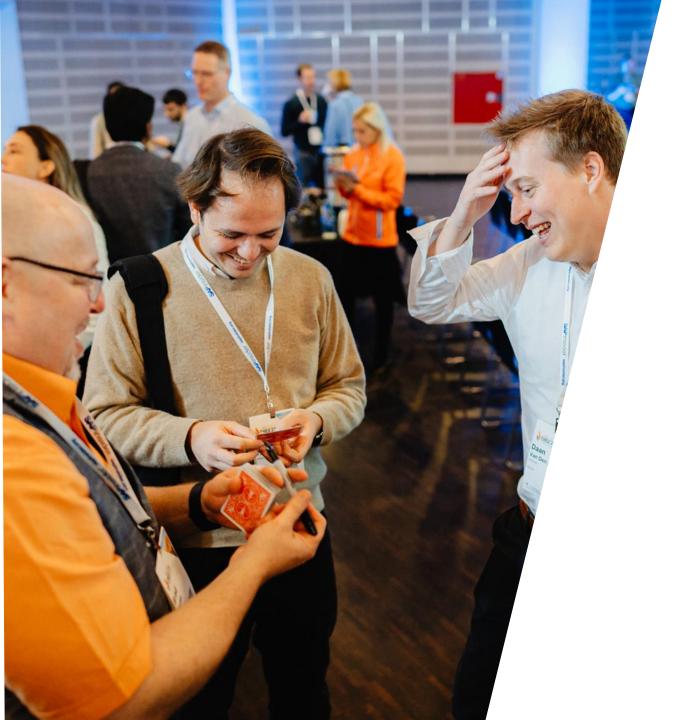
 When you go back to the same screen in FB01, the repetitive data is auto populated



- To clear the hold: System → User profile → Delete data
 - Hold data needs to be set once per screen, not per transaction
 - Hold data is cleared when you log off SAP



Set data is similar but the user cannot overwrite the values

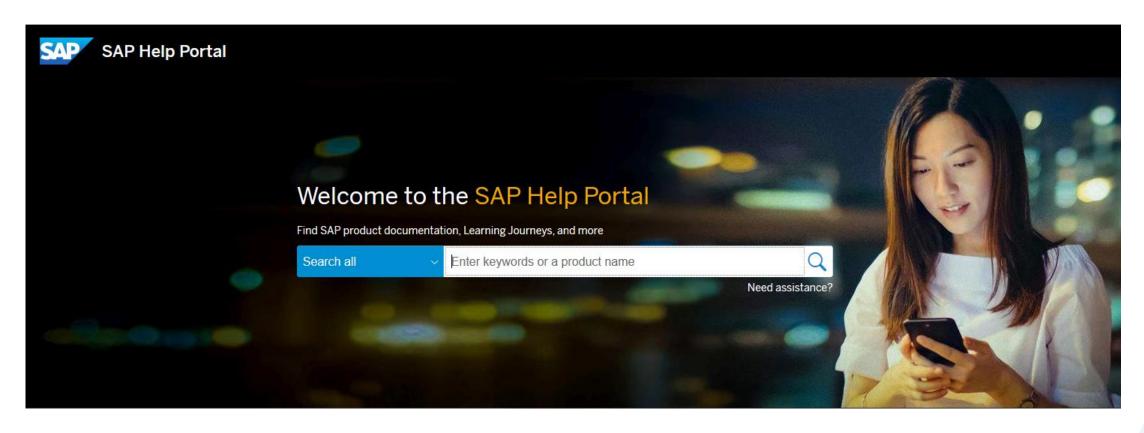


Wrap Up

Where to Find More Information - SAP Help



- SAP Help
 - http://help.sap.com/

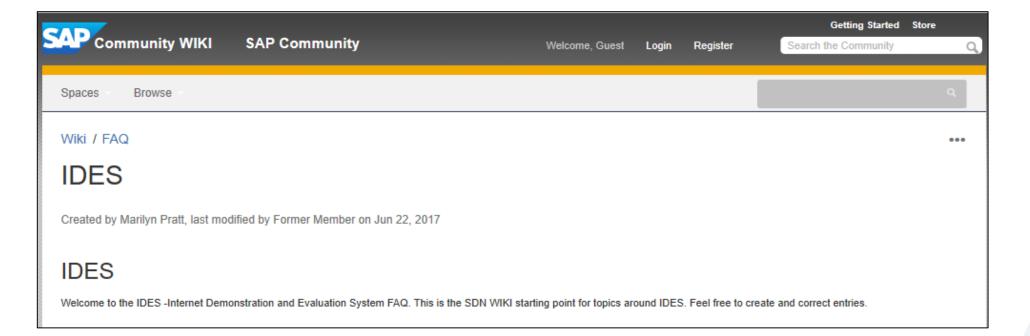


Where to Find More Information - IDES



- IDES Internet Demonstration and Evaluation System
 - https://wiki.scn.sap.com/wiki/display/HOME/IDES
 - https://launchpad.support.sap.com/#/notes/799639 *
 - SAP system with sample transactions and configuration
 - Website and note explains how to get an IDES system

* Requires login credentials to the SAP Service Marketplace





Where to Find More Information – SAP Experts



- Rohana Gunawardena, "Discover Hidden Parameter IDs to Simplify Your FI Settings" (Financials Expert, October 2003).
 - https://www.sapinsideronline.com/articles/discover-hidden-parameter-ids-to-simplify-your-fi-settings/
- Rohana Gunawardena, "Tips for Tracking Clearing Transactions" (Financials Expert, June 2004).
 - https://www.sapinsideronline.com/articles/tips-for-tracking-clearing-transactions/

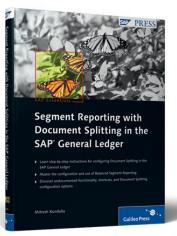
Where to Find More Information – SAP Experts



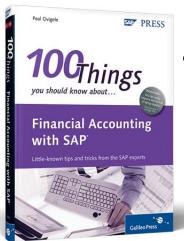
- Kurt Goldsmith, "Ask the FI/CO Expert: Even in Release 4.6, Your End Users' Choice of an A/R Posting Key Has a Surprising Impact on Standard Reports Such as the 'Customer Analysis' Net Sales Columns" (Financials Expert, February 2003).
 - https://www.sapinsideronline.com/articles/ask-the-fi-co-expert-even-in-release-4-6-your-end-users-choice-of-an-a-r-posting-key-has-a-surprising-impact-on-standard-reports-such-as-the-customer-analysis-net-sales-columns/

Where to Find More Information – SAP Press





- Mitresh Kundalia, Segment Reporting with Document Splitting in the SAP General Ledger (SAP PRESS, 2009).
 - Great tips and tricks for document splitting



- Paul Ovigele, 100 Things You Should Know About Financial Accounting with SAP (SAP PRESS, 2011).
 - A large selection of GL tips and tricks

Key Points to Take Home

- End users must understand the basics of SAP navigation
 - You need to deliver basic training to end users
- SAP has a great deal of functionality to improve user productivity
 - But often it is overlooked or hidden away
- End users need assistance from analysts to get the most from SAP
 - SAP is a complex system for new end users
- SAP has a large number of reports to meet many needs
 - Locating the correct standard report can be difficult

Key Points to Take Home

- Using ALV allows a single report to meet many users' needs
 - Need to educate end users about display variants
 - Super users need to create variants to share
- The structure of master data does impact end users
 - Different fields are at different levels
- This presentation is a basis to create your own training material
 - It is up to you to empower your users to be more effective

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Please remember to complete your session evaluation.



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