

Legacy to S4 Latest Changes Best Practices: End User Perspective-PART 2

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Prerequisite: Legacy to S4 Latest Changes Best - PART 1

Abstract: SAP This article explains all changes made at the level of transactions between SAP ECC 6.0 (Classical Finance) and SAP S/4 HANA Finance. In summary, all existing transactions in SAP ECC 6.0 have been tested in SAP S/4 HANA Finance. All modified, removed or new transactions impacting end-users have been identified documented and gather in this article. When relevant, an “AS-IS” and “TO BE”, illustrating the change, has been incorporated. It is organized by function, the impacted transactions, the type of change and global roles assigned to these transactions. The aim of this article is to support the knowledge transfer to support organization and end-users of these changes during the transition period until S/4 HANA Finance is fully adopted and becomes the new ways of working. Additional material has been created to support Knowledge Transfer to technical teams and End-users and is published to support the transition period.

Keywords: SAP, S4, Cloud, ERP, END Users, Latest Changes, S4/HANA, FICO and MM

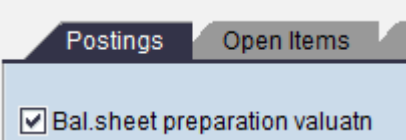
1. Introduction

End-User impact-F.05 Foreign Currency Valuation replacement:

What is S/4 HANA Finance at a glance on CORE SAP?. It is a new version of SAP ERP Financial & Controlling which has been rebuilt based on the SAP HANA database; is an Add-on installed on SAP ERP; contains a new table ACDOCA which represents the Universal Journal for FI, CO and AA; removes the totals tables of FI and CO (for e.g.

GLT0), the index tables (for e.g. BSIS) and some asset accounting tables (for e.g. ANEP); brings new tables for Bank Accounting Management (T012K is obsolete); uses a migration cockpit to convert the existent data; introduces new transactions (for e.g. for Foreign currency valuations); merges GL accounts and cost elements master data and brings changes in AA customizing and posting logic.

2. Reduced reconciliation between FI/CO in S/4 HANA FINANCE

<p>Balance Sheet preparation indicator</p> <p>In classic GL you could use also a special parameter Balance Sheet preparation valuation:</p>  <p>• Postings details</p>	<p>Balance Sheet preparation indicator is obsolete starting with NewGL. The indicator "Bal. Sheet Prep. Valuation" was removed, since this stored the valuation amount in the document. This amount was then used during the clearing process to determine the remaining exchange rate difference. Since there is only one field in the line item for the valuation rate difference, this option could only be used for one GAAP. Other GAAPs had to be handled in another manner, i.e. via a valuation area.</p> <p>With the new solution of always reversing the valuation of line items, the valuation has no effect on the operational process of clearing the item. No corrections have to be made to the realized amount, should an item be cleared after the key date of the valuation run but prior to the actual valuation run.</p> <p>The previous issue of running the balance sheet readjustment/P & L readjustment programs to provide PCA with the results of the valuation is no longer a problem in ERP 2004, since PCA has been integrated into the New General Ledger.</p> <p>The "Bal. Sheet Prep. " solution had an option of setting the valuation amount to zero. The new solution has a history, which provides the option of resetting the last valuation and restoring the amount from the last run in the valuation amount field.</p> <p>• Postings details</p>
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In the new transaction the postings details are more clear:

- We have a special Test Run indicator
- We can choose to execute the foreign currency valuation in update mode or to generate a batch input session
- We can choose a reason for resetting the balances valuation
- The document dates are clearly specified (default, they are automatically determined based on the valuation key date. This determination logic was used in the old transaction but the dates weren't displayed in the selection screen).

- Open items

- Open items

In FAGL_FC transaction we have two tabs for Open items valuation. The first one is for open items from sub ledgers (customers, vendors accounts):

The second one is for Gl accounts managed with open items:

Please pay attention because also GL accounts will open items and Only Manage Balances in Local Currency indicator set up in their master data will be also selected (if you want you can exclude it from this selection screen).

Option “No GR/IR accounts” has been renamed to “Do not value GR/IR accounts”

Option “Value GR/IR accounts” has been renamed to “Value GR/IR accounts using information from Purchase order”

Option GR/IR with FI data” has been renamed to “Value GR/IR accounts using information from FI document”

• GL Balances

• GL Balances

The selections based on Exchange rate difference key and business area and the special ledger fields are now obsolete.

In order to reverse the documents for the valuation of balances we have to check the Reverse postings option.

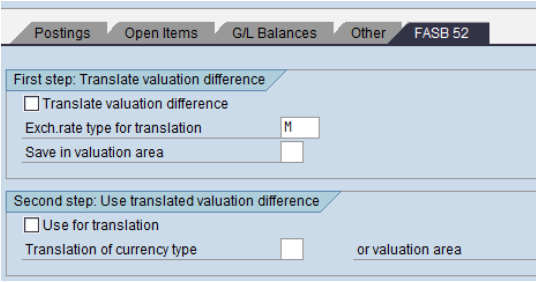
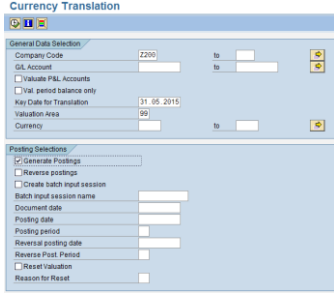
• Output/Technical settings

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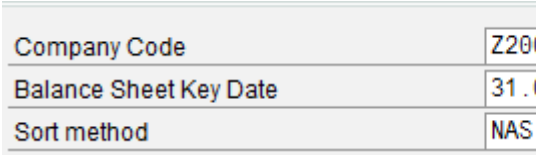
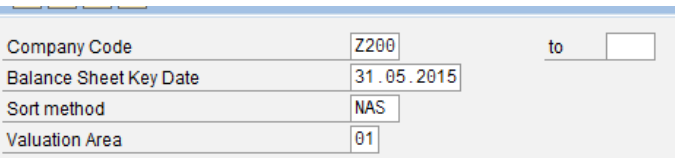
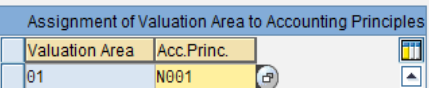
We have now some options for Parallel Processing in order to improve the performance of the selection/processing.

The output log checkbox in Sfin allows the separation of the valuation processing from the list output so that the run time of the valuation process is shorter, since the output requires more time and memory.

Keeping the Output Log checkbox checked will display the list of line items

	<p>but may also impede system performance when large amount of data is involved. It is only possible to remove the output log checkbox when the Save Log check box is checked. Saved logs can be viewed in the Log List.</p>
<ul style="list-style-type: none"> FABS52 	<ul style="list-style-type: none"> FABS52 <p>Remeasurement into the local currency in accordance with FASB 52/ISRS (IAS21) occurs as follows:</p> <ul style="list-style-type: none"> When you valueate the first local currency (currency type 10), the valuation determined is automatically translated into all additional currencies and all of the balances are posted. The prerequisite for this is that the additional currency or currencies are determined from the first local currency on the basis of the settings in Customizing for <i>Financial Accounting (New)</i> under <i>Financial Accounting Global Settings-> Company Code-> Parallel Currencies->Define Additional Local Currencies</i>. The currency translation from the local currency into the group currency is made at the balance level using the program Currency Translation (FAGL_FC_TRANSLATION). The transaction assigned to this program is FAGL_FC_TRANS.
	<ul style="list-style-type: none"> FAGL_FC_TRANS Transaction  <p>*Since there are no company codes using this functionality in Nestlé (due to the fact that we don't have parallel currencies), the new transaction is not required.</p>

End-User impact-Receivables and payables regrouping F101 transaction replaced with FAGLF101

<p>Classical Finance AS-IS</p> <p>In classic GL the transaction used receivables and payables regrouping was F101 (program SAPF101).</p>	<p>S/4 HANA Finance - TO BE</p> <p>In order to accommodate to the newGL tables architecture the transaction used now for receivables and payables regrouping is FAGLF101. If you run this report using variants and you select them by user (Created by), please be aware that they were redesigned by different users.</p>
<ul style="list-style-type: none"> General selections 	<ul style="list-style-type: none"> General selections  <p>As general selections a new field was added - valuation area. Valuation areas are now linked with accounting principles:</p>  <p>So, if we choose only valuation area, accounting principles will be automatically determined. Accounting principles are linked with ledgers (in Nestle, we will have only one ledger - 0L the leading ledger). We can have two accounting principles (Nestle group principle and Local principle, each of them will be linked with a correspondent ledger group but both ledger groups will be linked with the same ledger - 0L). At valuation area level different GI accounts can be maintained.</p>
<ul style="list-style-type: none"> Postings 	<ul style="list-style-type: none"> Postings

A new option is available here = Fill document currency amount
 When the program is executed for the currency type of an additional local currency (such as with a valuation area for currency type 30), the amount is only filled in the document currency (WRBTR) in the postings created if the parameter is selected.

*This option is not used in Nestle as we do not use additional local currencies.

• Selections

• Selections

No changes in selections screen.

• Parameters

• Parameters

A new option is available here = Group by contracts.
 If you check this option, balancing and sorting of accounts is done per assignment information from line items.

In Nestle the sort method NAS is customized in order to regroup vendors with a debit balance and customers with a credit balance.
 If group by contracts field is not checked the system will make the postings only if the total balance per customer, for example, is creditor.
 If group by contracts field is checked, the system will summarize the postings at assignment field level.
 Assignment field is now available in the output of the report.
 For example, we have the customer 719597, Afi, which have a total debit

balance at 31.05.2015.

So, if we execute the transaction FAGLF101 without group by contracts option, no postings will be made.

But if we use this option the system will post documents if at assignment field level, the customer has a credit balance.

Assignment	Amount Valuated
I Total	-20853, 6
90000510 Total	-80
90002959 Total	-100
GLS_TEST Total	1.900, 00
LSDED00010 Total	1200
LSDED00010A Total	900
LSDED00030A Total	800
LSDED00040A Total	1200
LSDED00101 Total	1600
LSDED00101A Total	1600
LSDED00102 Total	400
LSDED00102A Total	1200
LSDED00103 Total	400
LSDED00104 Total	400
LSDED00105 Total	400
LSDED00106 Total	800
LSDED00109 Total	400
LSDED00110 Total	400
LSDED00115 Total	800
LSDED00117 Total	1200
LSDMII0010 Total	1.000, 00
LSDMII0020 Total	1.000, 00
LSDMII0030 Total	1.000, 00
LSDMII0040 Total	1.000, 00
LSDMII0050 Total	1.000, 00
REF Z05 Total	1350
REF Z06 Total	1350
REF Z08 Total	5050
TEWT Total	400
	50800

Data Entry View

Document Number 100000021 Company Code Z200 Fiscal Year 2015
 Document Date 31.05.2015 Posting Date 31.05.2015 Period 5
 Reference Cross-Comp.No.
 Currency GBP Texts exist Ledger Group 0L

C.	Item	P	S	Account	Description	Amount	Amount in LC	Curr.	Tx
Z2.	1	40		1046100	Cred.Bal.Regr.Adjust	20.853,60	20.853,60	GBP	
	2	50		2082050	Customers.w.Cred.bal	20.853,60-	20.853,60-	GBP	
						0,00	0,00	GBP	

Data Entry View

Document Number 100000022 Company Code Z200 Fiscal Year 2015
 Document Date 31.05.2015 Posting Date 31.05.2015 Period 5
 Reference Cross-Comp.No.
 Currency GBP Texts exist Ledger Group 0L

C.	Item	P	S	Account	Description	Amount	Amount in LC	Curr.	Tx
Z2.	1	40		1046100	Cred.Bal.Regr.Adjust	80,00	80,00	GBP	
	2	50		2082050	Customers.w.Cred.bal	80,00-	80,00-	GBP	
						0,00	0,00	GBP	

Data Entry View

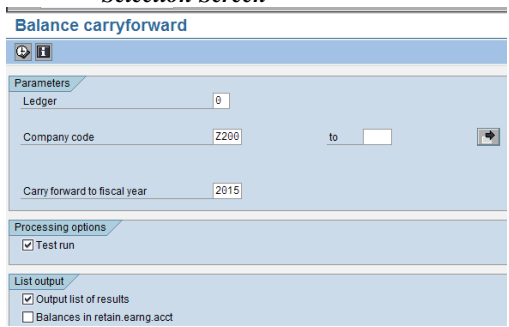
Document Number 100000023 Company Code Z200 Fiscal Year 2015
 Document Date 31.05.2015 Posting Date 31.05.2015 Period 5
 Reference Cross-Comp.No.
 Currency GBP Texts exist Ledger Group 0L

C.	Item	P	S	Account	Description	Amount	Amount in LC	Curr.	Tx
Z2.	1	40		1046100	Cred.Bal.Regr.Adjust	100,00	100,00	GBP	
	2	50		2082050	Customers.w.Cred.bal	100,00-	100,00-	GBP	
						0,00	0,00	GBP	

End-User impact-F.16 replaced by FAGLVTR transaction

Classical Finance AS-IS	S/4 HANA Finance-TO BE
<p>In classic GL the transaction used for GL balance carry forward was F.16.</p>	<p>In order to accommodate to the newGl and S/4 HANA Finance architecture, the new transaction used for balance carry forward is FAGLVTR.</p> <p>Note:</p> <ul style="list-style-type: none"> • F.16 T-code was replaced by FAGLVTR • Technical documents are created in ACDOCA (Totals table GLT0 is obsolete) • AJRW Asset Fiscal Year Change functionality included • F.07 functionality is also included (AP and AR carry forward) • A reset option is also available (reset means Reset + New carry forward in the same run)

• **Selection Screen**

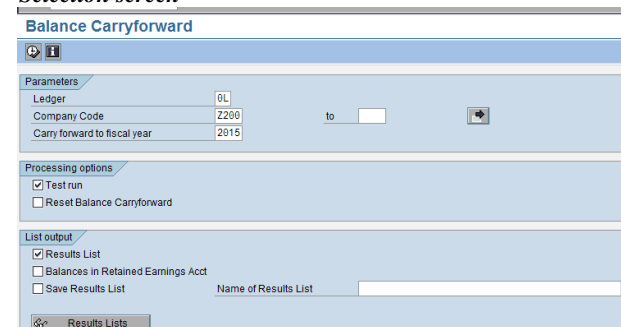


This program is used to carry forward the balances of the general ledger or another ledger to the new fiscal year.

The program can be run multiple times.

Normally, the program does not need to be run more than once, since postings to the previous fiscal year are automatically carried forward to the current fiscal year, if the balance carry forward program has already been run.

• **Selection screen**



You use this program to carry forward balances to the new fiscal year for a specific ledger in General Ledger Accounting.

SAP Recommendation
Run the BCF in background (consider that in Sfin technical documents are posted so running in foreground is not a suitable option).

You can run the program as often as you wish. However, given that the system automatically corrects the balance carryforward in the case of subsequent postings to the previous year, it is generally not necessary to repeat the balance carryforward.

A new option is available in order to Reset Balance Carryforward. If you perform the balance carryforward very early on in the closing process and then proceed to make a very large number of postings to the previous year, the system automatically creates a similarly large number of line items to correct the balance carryforward. To reduce the large number of line items in this case, you can perform a repeat run of the balance carryforward program and by doing so reset the balance carryforward. For this, select the [Reset Balance Carryforward](#) check box.

Reset Balance Carryforward and Perform Again
 Specifies that, prior to a balance carryforward, any balance carryforward line items created previously for the relevant fiscal year are reset.

Use
 If you set this checkbox, the program first deletes all line items that have already been created in the specified fiscal year. It then performs the balance carryforward again as an initial run.

Resetting the balance carryforward line items is useful if a) you have made a large amount of postings to the previous year after performing balance carryforward and b) you would like to prevent a large number of line items from being created as a result of automatic corrections to balances that have already been carried forward.

Results Lists
 After balance carryforward, you can display results lists for the balance sheet accounts and retained earnings accounts for which the balances were carried forward. For the program run, select the *Results List* checkbox. You can also specify that the program saves the results list under a name that you have entered. To display the results list at a later point in time, enter the ledger, company code, and fiscal year for which you have performed the balance carryforward. Then choose the *Results Lists* pushbutton.

Output

Balance carryforwardLedger 00 for the year 2015 Test run

Balance sheet accounts Retained earnings accounts Technical Information Help

Message Text

- Log for Balance Carryforward
- Processing type Test run
- Fiscal Year 2015
- Ledger 00
- Company Code Z200
- Balance carry forward successfully completed
- Carry forward the parallel currency ledgers also
- List display of records carried forward possible using the "balance sheet" or "retained ea.

Year	CoCd	Account	Crcy	Crcy2	Co.cd.curr
2015	Z200	1001042	GBP	GBP	7.844,00
2015	Z200	1002000	GBP	GBP	3.540.850,00
2015	Z200	1002001	GBP	GBP	3.540.850,00
2015	Z200	1003000	GBP	GBP	2.340,00
2015	Z200	1003001	GBP	GBP	2.340,00
2015	Z200	1003006	GBP	GBP	7.844,00-
2015	Z200	1004000	GBP	GBP	15.845,00
2015	Z200	1004001	GBP	GBP	15.845,00
2015	Z200	1012010	GBP	GBP	160.181,31-
2015	Z200	1012011	GBP	GBP	160.181,31-
2015	Z200	1012050	GBP	GBP	331,50-
2015	Z200	1012051	GBP	GBP	331,50-
2015	Z200	1012100	GBP	GBP	2.602,33-
2015	Z200	1012101	GBP	GBP	2.602,33-

Output

Now the output is easy to analyze due to ALV display type. Also it is possible to see the new balances to be carried forward and the old ones.

Balance Carryforward

Display Messages

Balance Carryforward to Fiscal Year 2015

Ledger: 0L Leading Ledger
 Company Code: Z200 Service Organization, GBP
 Date: 22.06.2015
 Number of Line Items to Be Posted: 86
 Test run

New Balances to Be Carried Forward:

G/L Accou.	Description	Amount in TC	TC	Amount in LC	LC
1042000	Raw Materials - Standard	298.231,92	GBP	298.231,92	GBP
	Raw Materials - Standard	4.733,84-		4.733,84-	GBP
	Raw Materials - Standard	293.498,08-		293.498,08-	GBP
1042100	Packaging Materials - Standard	416.577,92		416.577,92	GBP
	Packaging Materials - Standard	416.577,92-		416.577,92-	GBP
1044000	Finished Goods - Standard	14.400,00-		14.400,00-	GBP
	Finished Goods - Standard	220.320,00		220.320,00	GBP
	Finished Goods - Standard	1.440,00		1.440,00	GBP
	Finished Goods - Standard	80,00-		80,00-	GBP
	Finished Goods - Standard	50.366.353,45-		50.366.353,45-	GBP

Overview of Existing Balances:

G/L Accou.	Description	Amount in TC	TC	Amount in LC	LC
1001042	Parallel	7.844,00	GBP	7.844,00	GBP
1002000	Building - Housing	3.540.850,00		3.540.850,00	GBP
1002001	Building - Office & Residence - Parallel 1	3.540.850,00		3.540.850,00	GBP
1003000	Machinery & Equipment Class I	2.340,00		2.340,00	GBP
1003001	Mach & Equip Class I - Parallel 1	2.340,00		2.340,00	GBP
1003006	Statutory	7.844,00-		7.844,00-	GBP
1004000	Tools, Furniture and Other Equipment	15.845,00		15.845,00	GBP
1004001	Other Factory Equipment - Parallel 1	15.845,00		15.845,00	GBP
1012010	Accumulated Depreciation - Buildings	59.014,17-		59.014,17-	GBP
1012011	Accumulated Depreciation - Buildings - Parallel 1	59.014,17-		59.014,17-	GBP

Additional details:

ACDOCA Impact

- Technical documents are posted (document numbers starting with B* and posting period 0).
- Asset reconciliation accounts will be carryforward at asset level.

Impact on Asset Accounting

- Fiscal year change will be performed (T093C table will be updated with the new fiscal year for AA)

Impact on AP and AR

- SFin does not store the balance carry forward (BCF) for customers and vendors any longer but calculates it on-the-fly from the documents. Thus, FAGLGVTR no longer calculate the BCF. It just writes one single into table FINS_BCF_FY that enables the display of the BCF in transaction FD10N and FK10N. The old total tables for AP AR totals are obsolete (KNC1, LFC1).

End-User impact-IS03 IS Integrated Legal NNS (t-code Y_GD2_92000001)

Overview

Drilldown reports build based on Cost of sales ledger with FSI* transactions had been redesigned based on the reporting table GLFUNCT using transactions FXI*. New fields are now available in the selection screen. The FSV items and the balances displayed will be the same.

Change impact in detail

Classical Finance AS-IS	S/4 HANA Finance - TO BE
Transaction used	
Y_GD2_92000001 or FSIO - Report type 005 - IS03	Y_GD2_92000001 or FXIO - Report type 007 - IS03 Transaction Y_GD2_92000001 was updated with the new report recreated in FXIO.
Selection screen	
Company code-mandatory	Company code - optional (you can ran it for multiple company codes)
G/L account -optional	G/L account field is NOT available anymore in the selection screen. If you want to check the balance for a specific GL account, please use FAGLB03 transaction. Or you can use this characteristic as a filter after displaying the results.
Business Area - optional	Business Area - optional
Currency type - optional (automatically currency type 10 will be determined)	Currency type is defaulted to 10 and not available on the selection screen.

Fiscal year - mandatory	Reporting year - mandatory
Period from - mandatory	Calc: Period from - mandatory; defaulted to 0 in order get Balance Carryforward when no data is existing for the periods.
Period to - mandatory	Calc: Period to - mandatory
% Operational Taxes-optional	% Operational Taxes-optional
	Output type: This indicator determines how reports are printed. You can choose between printing with dynamic tree structures and HTML controls, classic report lists and the ABAP List Viewer, also known as the object list. Default is "Classic Drilldown report". In case you need to set up characteristics use "Graphical report output"

One of the main change coming with S/4 HANA Finance is a simplification in its architecture and structure of its database and tables. Records and their dimensions are now stored in a single table, often referred to the Universal Journal. In 2 words, a new table will contain a line item table with full

detail for all components (FI, CO, AA). This has the following impact:

- Main table is updated in real time.
- Transactions related to FI, CO, AA reconciliation steps become obsolete
- Reconciliation effort is reduced in FICO

TR code	Transaction name/description	Overview of the change
KAL7	Reconciliation	These reconciliation transactions become obsolete in S/4 HANA Finance as now it is a real time update - hence reconciliation is not necessary anymore.
KALC	Perform Posting from CO Reconciliation Ledger	
KALS	Reverse CO Reconciliation	

3. Conclusion

There are several changes taken place between legacy ECC and S4. FI and CO Merger, Material Number Extension, Integrated Business Partners, Real-time MRP, Integrated SAP APO, Mandatory Material Ledger and Revenue Accounting and Reporting (RAR) changes in s4 are consuming lesser objects and faster pace execution.

- Better integration with other SAP products
- Lower costs, such as lower operational and ownership costs
- A smaller database footprint due to simplified data models
- Automated processes improving productivity and performance
- Faster, more intelligent decision-making
- Higher overall profits

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