

3.0 Appendix B – Project Aspire Enhancement Functional Design

ADML ID	1790
ADML Description	Cash Checking In Aspire GL
ADML Tech#	

3.1 Background

3.1.1 Functional Requirement

Aspire needs to enforce cash-checking prior to any ‘cash-impacting’ transaction being completed/posted. Before a warrant is issued, cash needs to be checked and this will occur in P2P through ADML 124. The cash balances in the Cash-Checking Commitment Control ledger need to be subsequently reduced by the warrant amount and this ADML enables this process.

3.1.2 Delivered Functionality

There is no delivered Aspire functionality that takes into consideration this Cash Checking requirement. Commitment Control functionality can be configured to check cash and reduce the cash balance by the amount of the warrant being generated. Normally, Aspire does not budget-check entries coming into the General Ledger(GL) from the Accounts Payable (AP) module. However, we do need Cash Checking in order to reduce the cash balances by fund. Aspire Commitment Control functionality, is being configured to perform ‘*Cash Checking*’ to ensure that the applicable Fund/CCs have adequate available “verified” cash balances, prior to successful completion of cash impacting transactions.

Delivered functionality in Aspire AP module, does not budget check once the liability is liquidated against the cash. However, since the State of Florida is using Commitment Control to cash-check and reduce the cash balances by fund, there is a need to modify the delivered functionality to accommodate this need.

3.1.3 Gap Description

AP Accounting Entry Definition

Delivered Aspire functionality does not budget check AP transactions in GL. The budget checking already occurred when the expenditure was recorded. However, since Commitment Control functionality is being used to carry the cash balances, a Cash-Checking Ledger has been established in Commitment Control, that will need to be impacted for certain types of

transactions originating from the Payables module. This ADML will separate the cash impacting entries (warrants generated) from the non-cash impacting entries (liabilities recorded) and take those balances and reduce the applicable Cash Checking Ledger balances in Commitment Control.

The relevant sequence of events during the nightly batch process would be as follows:

- 1) Payment Selection in P2P – identifies all vouchers that are eligible to be paid in that pay-cycle
- 2) ADML 124 – cash checking in P2P – only checks (does not update) for available cash balances by Fund/CC in the Cash-Checking ledger in Commitment Control
- 3) Payment Creation (Warrants are generated)
- 4) Voucher/Payment Posting in the AP module
- 5) Journal generation of AP journals into GL
- 6) Cash Updating (Actual update to the cash-checking ledger)

Note:- Handling of AR transactions is addressed as part of ADML 745 – ‘Supplemental accounting entries in AR’. The gap that is addressed by this ADML pertains solely to AP Journals.

3.2 Description of New Functionality

Custom views on VCHR ACCTG LINE

In order to selectively (by accounting transaction type, i.e. Cash-impacting transactions) enable (force) cash checking of AP Journals, it is required to augment the delivered single accounting entry definition (APDEFN) with an **additional** AP accounting entry definition:

- FL_APCASH - to handle all ‘cash-impacting’ lines of AP transactions (mainly Payments and Cancellations)

The delivered APDEFN will now be reserved to deal with the remaining ‘non-cash impacting’ transactions (mainly Accruals).

AP accounting lines being journal generated to GL will thus be split into:

- ‘Cash-Impacting’, and
- ‘Non-cash Impacting’ sets of journals.

This will be accomplished with the help of two(2) custom views on the Voucher accounting lines record – VCHR_ACCTG_LINE. These views essentially split the AP accounting lines into ‘Cash-Impacting’ and ‘Non Cash-Impacting’ on the basis of Journal Generator Templates (APPL_JRNL_IDS)

This ADML seeks authorization for creation of the above-mentioned two(2) custom views on the delivered Aspire VCHR_ACCTG_LINE record:-

- FL_AP_AED_OTHER
- FL_AP_AED_PYMNT
-

3.3 Navigation path

General Ledger > Journals > Subsystem Journals > Accounting Entry Definition

3.4 Set Up/Control Data

Accounting Entry Definition

Screen shots of the 2 accounting entry definitions - APDEFN and FL_AP_CASH are as follows:-

Accounting Entry Definition

SetID: SHARE Accounting Definition: APDEFN Description: Payables Definition (Non Cash)

Accounting Entry

*Record: FL_AP_AED_OTHER
 Record Update: FL_AP_AED_OTHER *System Source: JGen-AP
 Page Name: AP_GL_DRILL Cross Product Drill Down
 Skip Commitment Control In GL Commitment Control Amount Type: Actuals

Field Names

*Accounting Date: ACCOUNTING_DT Journal Ref: VOUCHER_ID
 *Monetary Amount: MONETARY_AMOUNT Jnl Descr: DESCR
 *Foreign Amount: FOREIGN_AMOUNT Open Item Key: OPEN_ITEM_KEY
 Statistical Amount: STATISTIC_AMOUNT

Chartfield Mapping

Field Name	ChartField	Summarize ChartField
Account	Account	<input checked="" type="checkbox"/>
Alternate Account	Alternate Account	<input checked="" type="checkbox"/>
Budget Entity	Budget Entity	<input checked="" type="checkbox"/>
Org	Org	<input checked="" type="checkbox"/>
Category	Category	<input checked="" type="checkbox"/>
Project	Project	<input checked="" type="checkbox"/>
Statistics Code	Statistics Code	<input checked="" type="checkbox"/>
Affiliate	Affiliate	<input checked="" type="checkbox"/>

Buttons: Save, Return to Search, Previous in List, Next in List, Notify, Add, Update/Display

PeopleSoft. Home Worklist MultiChannel Console Add to Favorites Sign out

New Window | Help | Customize Page |

Menu

- Account Management
- VAT and Intrastat
- Excise and Sales Tax IND
- Commitment Control
- General Ledger
 - Journals
 - Journal Entry
 - Standard Journals
 - Import Journals
 - Subsystem Journals
 - Accounting Entry Definition
 - Journal Generator Template
 - Generate Journals
 - Process Journals
 - Suspense Correction
 - Ledgers
 - Summary Ledgers
 - Close Ledgers
 - Process Multi-Currency
 - Average Daily Balance
 - Open Items
 - Consolidate Financial Data
 - Maintain Standard Budgets
 - Monitor Background Process
 - Review Financial Information
 - Archiving Tables
 - Regulatory Ledger Reports
 - XBRL
 - General Reports
 - Federal Reports
 - General Ledger Center
- Allocations
- Statutory Reports
- Data Exchanges
- Set Up Financials/Supply Chain

Accounting Entry Definition

SetID: SHARE Accounting Definition: FL_AP_CASH Description: Payable Definition (Cash)

Accounting Entry

'Record: FL_AP_AED_PYMNT

Record Update: VCHR_ACCTG_LINE 'System Source: JGen-AP

Page Name: AP_GL_DRILL Cross Product Drill Down

Skip Commitment Control In GL Commitment Control Amount Type: Actuals

Field Names

'Accounting Date: ACCOUNTING_DT Journal Ref: VOUCHER_ID

'Monetary Amount: MONETARY_AMOUNT Jnl Descr: DESCR

'Foreign Amount: FOREIGN_AMOUNT Open Item Key: OPEN_ITEM_KEY

Statistical Amount: STATISTIC_AMOUNT

Chartfield Mapping Customize | Find | View All | First 1 of 1 Last

Field Name	ChartField	Summarize ChartField
Account	Account	<input checked="" type="checkbox"/>

Multibook Order By

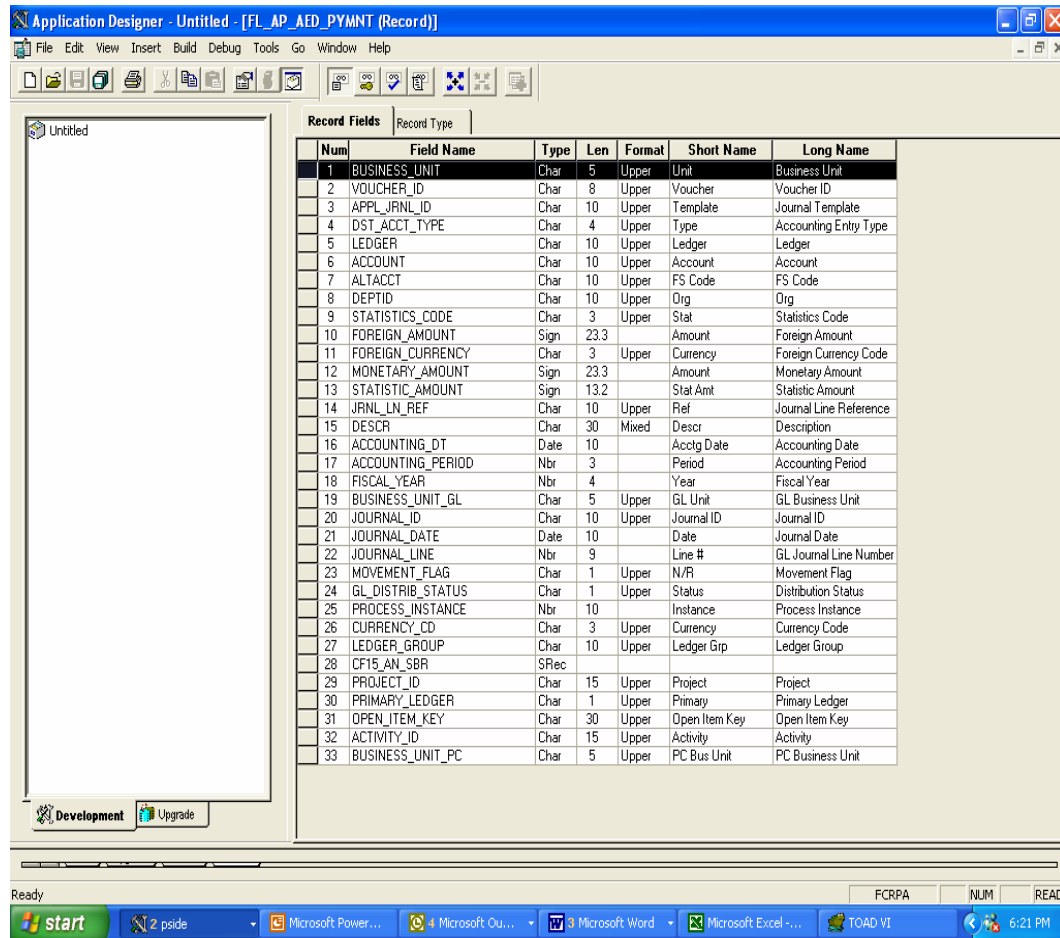
Save Notify Add Update/Display

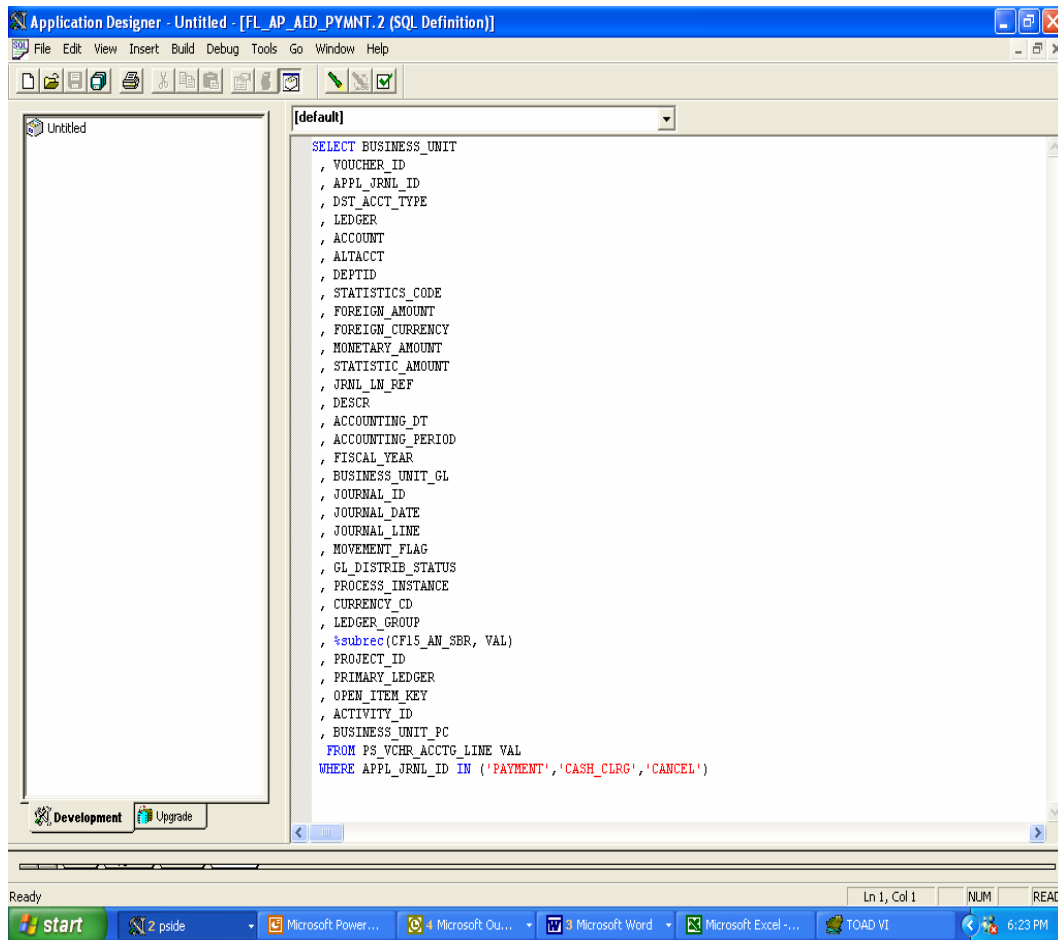
Internet

3.5 Application Changes (e.g., Pages, Components, Menus, Records, App Engines, SQRs, etc.)

Records

Custom view FL_AP_AED_PYMNT (a view of the Voucher Acctg. Lines record)

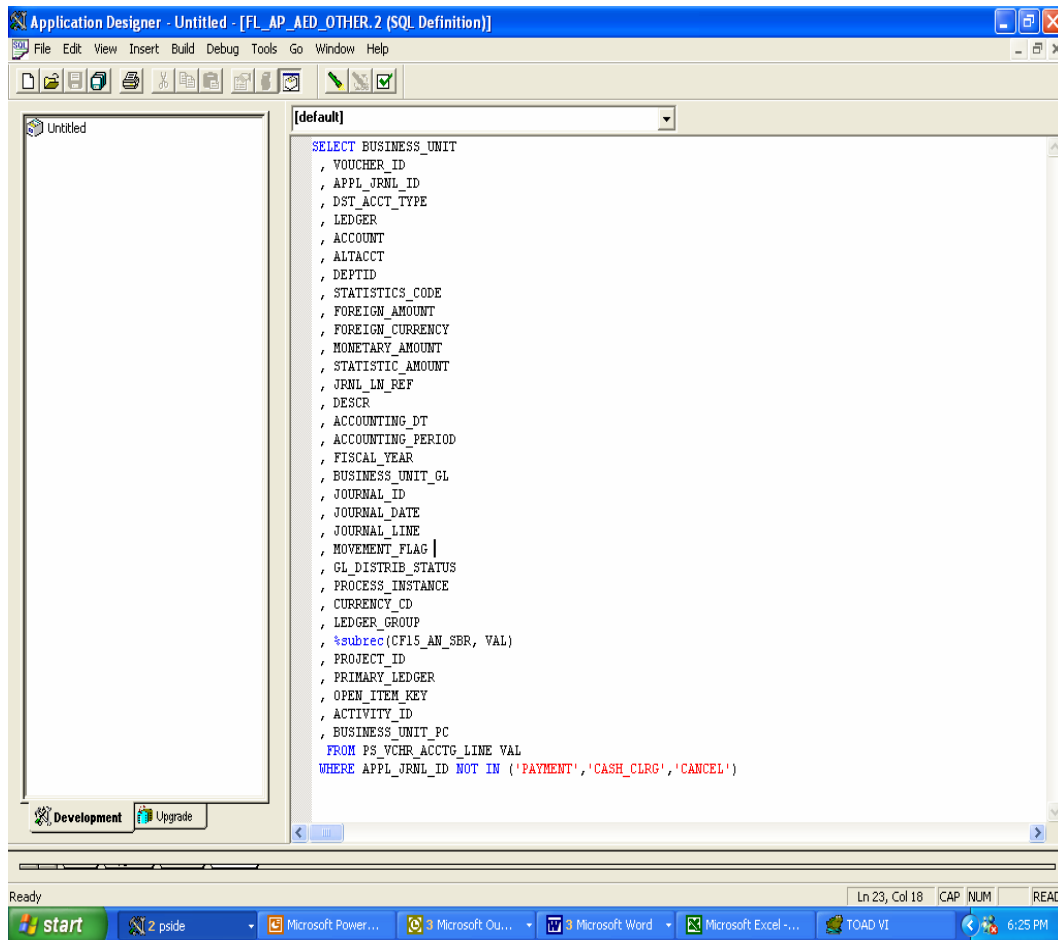




Custom view FL_AP_AED_OTHER (a view of the Voucher Acctg. Lines record)

The screenshot shows the 'Record Fields' table in the Application Designer. The table lists 33 fields with their respective data types, lengths, formats, and names. The fields are as follows:

Num	Field Name	Type	Len	Format	Short Name	Long Name
1	BUSINESS_UNIT	Char	5	Upper	Unit	Business Unit
2	VOUCHER_ID	Char	8	Upper	Voucher	Voucher ID
3	APPL_JRNL_ID	Char	10	Upper	Template	Journal Template
4	DST_ACCT_TYPE	Char	4	Upper	Type	Accounting Entry Type
5	LEDGER	Char	10	Upper	Ledger	Ledger
6	ACCOUNT	Char	10	Upper	Account	Account
7	ALTAACCT	Char	10	Upper	FS Code	FS Code
8	DEPTID	Char	10	Upper	Org	Org
9	STATISTICS_CODE	Char	3	Upper	Stat	Statistics Code
10	FOREIGN_AMOUNT	Sign	23.3		Amount	Foreign Amount
11	FOREIGN_CURRENCY	Char	3	Upper	Currency	Foreign Currency Code
12	MONETARY_AMOUNT	Sign	23.3		Amount	Monetary Amount
13	STATISTIC_AMOUNT	Sign	13.2		Stat Amt	Statistic Amount
14	JRNL_LN_REF	Char	10	Upper	Ref	Journal Line Reference
15	DESCR	Char	30	Mixed	Descr	Description
16	ACCOUNTING_DT	Date	10		Acctg Date	Accounting Date
17	ACCOUNTING_PERIOD	Nbr	3		Period	Accounting Period
18	FISCAL_YEAR	Nbr	4		Year	Fiscal Year
19	BUSINESS_UNIT_GL	Char	5	Upper	GL Unit	GL Business Unit
20	JOURNAL_ID	Char	10	Upper	Journal ID	Journal ID
21	JOURNAL_DATE	Date	10		Date	Journal Date
22	JOURNAL_LINE	Nbr	9		Line #	GL Journal Line Number
23	MOVEMENT_FLAG	Char	1	Upper	N/R	Movement Flag
24	GL_DISTRIB_STATUS	Char	1	Upper	Status	Distribution Status
25	PROCESS_INSTANCE	Nbr	10		Instance	Process Instance
26	CURRENCY_CD	Char	3	Upper	Currency	Currency Code
27	LEDGER_GROUP	Char	10	Upper	Ledger Grp	Ledger Group
28	CF15_AN_SBR	SRec				
29	PROJECT_ID	Char	15	Upper	Project	Project
30	PRIMARY_LEDGER	Char	1	Upper	Primary	Primary Ledger
31	OPEN_ITEM_KEY	Char	30	Upper	Open Item Key	Open Item Key
32	ACTIVITY_ID	Char	15	Upper	Activity	Activity
33	BUSINESS_UNIT_PC	Char	5	Upper	PC Bus Unit	PC Business Unit



PeopleCode

We believe that a very small PeopleCode is needed. This change impacts the page where the Accounting Entry Definitions are maintained. This change enables the unchecking of the 'Skip Commitment Control in GL' checkbox for any Acctg. Entry Definition whose name begins with 'FL_'. This is needed for us in order for us to configure the system as needed to perform budget checking on AR & AP cash-impacting journals in GL.

Please refer to Annexure for proposed PeopleCode change.

3.6 Unit Test Considerations

- Opening Cash balances need to be established, budget attributes setup and transactions (online journals and AP Journals (for all transaction types) need to be tested.
- Different transaction types in AP that should be tested include payments and cancellations. Test payments/cancellations should be set up and the payment-related transactions should be posted in the AP module and then journal-generated into GL. Upon editing/posting of these journals in GL, the appropriate cash balances by fund will have to be inquired in Commitment Control, in order to confirm the 'impact' to verified cash on the Cash-Checking ledger.
- The other transaction types in AP that should be tested include accruals, closures and reversals. Test vouchers should be entered and these voucher-related transactions should then be posted in the AP module and then journal-generated into GL. Upon editing/posting of these journals in GL, the appropriate cash balances by fund will have to be inquired in Commitment Control, in order to confirm 'non-impact' to verified cash in the Cash-Checking ledger. In other words, these transactions should not impact verified cash.

3.7 Miscellaneous

N/A

3.8 Assumptions/Dependencies

- 1) **Aspire Accounts that are ‘Cash-Impacting’** need to be flagged as such (this functionality is addressed as part of ADML 1418), and need to be part of the Commitment Control ledger definitions for Cash-Checking. The *only such account identified to date* is the following account:-

Account	Description	Control Flag (Check Box)	Verified Cash (Check Box)
XXXXXXX	Agency- Treasury Verified Cash	Y	Y

- 2) **Reconciliation procedures and queries/reports** will have to be developed by DFS/Enterprise in order to reconcile Cash Balances per Commitment Control (KK) and the General Ledger(GL). Automated processes will be in place to monitor these and other critical balances on an ongoing basis.
- 3) Aspire Query – ‘FL_GL_KK_Verified_Cash_Diff’ has been developed to identify and to highlight the differences (if any) in Verified Cash balances between LEDGER_KK and LEDGER.
- 4) **A new ADML** has to be successfully completed and the GL Balances have to be converted accurately in order to initialize Cash balances in the Cash Checking ledger. This calls for close co-ordination with the Conversion team.
- 5) **Cash in GR Funds will be monitored by DFS/Enterprise on a regular basis, A query/report will be developed to provide State-wide Cash Balance in GR.**

Annexure(s)

Proposed PeopleCode change to Accounting Entry Definition component as mentioned in Section 3.5 above, is as follows:

```

Function DisplayKKfields();
/* Gray KK_SKIP if Commitment Accounting is supported */
If JRNLGEN_DEFN.SYSTEM_SOURCE = "GAP" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GAR" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GBI" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GEX" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GHR" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GIN" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GPC" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GPO" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GJA" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GKK" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GAE" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GPE" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GRE" Or
  JRNLGEN_DEFN.SYSTEM_SOURCE = "GGM" Then
  JRNLGEN_DEFN.KK_SKIP = "1";
  JRNLGEN_DEFN.KK_SKIP.Enabled = False;
Else
  JRNLGEN_DEFN.KK_SKIP.Enabled = True;
End-If;
/* Aspire modification (for testing only)
Date.....30-Mar-05
Author.....Kirk McCain
Descr.....Allow updates to occur to the KK_SKIP field when
accessing a custom Acctg Entry Definition, i.e. one that begins
with 'FL_'. We do this so that the default behavior that forces the
KK_SKIP field to True for the System Sources listed above can be
overridden.
*/
  If Substring(JRNLGEN_DEFN.ACCTG_DEF_NAME, 1, 3) = "FL_" Then
    JRNLGEN_DEFN.KK_SKIP.Enabled = True;
  End-If;
/* End of Aspire modification */

End-Function;

```