

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	806
ADML Description	Component Interface for Enterprise Chartfields Values
ADML Tech #	202

2.1 Description Functionality

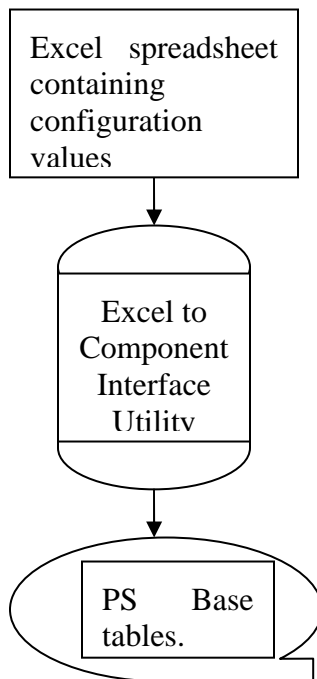
The purpose of this document is to provide a general overview of the Excel to component interface utility which will be used to load chartfield values. There are 8 Enterprise PeopleSoft chartfields that need to be loaded from an external source. PeopleSoft provides a utility that will allow users to load values from an Excel spreadsheet into PeopleSoft configuration tables. This document contains the list of chartfields that need to be loaded. For the enterprise chartfields, PeopleSoft has delivered the Component Interfaces, which uses an Excel spreadsheet, to load these chartfields.

The template spreadsheets used in conjunction with the component interface process for each chartfield will be located in a network directory.

Any rows that have errors during the upload will be written to an error log by the component interface process.

The following Enterprise Chartfields can be populated using ExceltoCI: Fund/CC, Budget Entity, Account, Appropriation Year, Program Component, Category, Project, and Activity Issue.

It is expected that the following chartfields will be maintained via ADML 25 from LAS/PBS: LAS/PBS Fund/CC (budgetary only), Budget Entity, Appropriation Category, Program Component, and Activity Issue. The Project Chartfield will be populated from the Projects Module. For the purposes of testing, these chartfields can be loaded using ExceltoCI.



2.2 Scheduling

This interface will be run on an “ad hoc” basis. Specific process instructions will be written during the Detailed Development Design.

2.3 Run Control Parameters

Interface / Conversion Parameters	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>
<i>Attached File</i>	<i>File Location</i>
To be defined during Detail Design	To be defined during Detail Design

2.4 Unit Test Considerations

- The number of rows from the template spreadsheet will equal the number of rows in Aspire.
- Rows with new effective dates will add new rows to the Aspire application.
- Rows with errors, on the template spreadsheet, will not load to the Aspire application, (including duplicate data).
- Verify all of the data fields from the template spreadsheet have been loaded to Aspire.
- The new values can be selected and are valid in the accounting line of a journal, voucher, etc. with in Aspire.
- Account values will restrict the list of valid Alternate Accounts to those defined by the upload; this will be tested on journal detail line.

2.5 Miscellaneous

It is recommended, by the technical team, that a new spreadsheet be created for each load of the component interface. This will allow the users to track data loaded by each spreadsheet. In addition, users will not have to reload the template and values used if only a single instance of the spreadsheet existed.

2.6 Assumptions

- Only the chartfields listed in the table below will be loaded using the Excel to Component Interface utility.
- All attributes associated with Chartfields will be manually keyed into the system and will not be loaded using the Excel to Component Interface utility.
- Once created, the process to load the configuration tables using this utility will be executed by a functional team member.
- Data loaded via the utility will be created and entered into the spreadsheet by an end user or functional team member.
- Any errors logged during the load process will be corrected by the functional users.
- The values/titles loaded via this ADML will be compared to the LAS/PBS values/titles and LAS/PBS will be the 'official' cleaned version of these values/titles.

2.7 Record Layout

The specific layout of the file used by the interface will be defined by the Component Interface tool. The layouts listed below identify the field definitions required for the interface template spreadsheets. Each field listed below represents a column in the Excel templates.

Account (ACCOUNT) – ACCOUNT_CF (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR/5				ASPIRE.GL_ACCOUNT_TBL.SETID	CHAR/5
FILE.FILE.ACCOUNT	CHAR/8				ASPIRE.GL_ACCOUNT_TBL.ACCOUNT	CHAR/8
FILE.FILE.EFFDT	DATE /10			MM/DD/YYYY	ASPIRE.GL_ACCOUNT_TBL.EFFDT	DATE /10
FILE.FILE.EFF_STATUS	CHAR/1			“A” for Active	ASPIRE.GL_ACCOUNT_TBL.EFF_STAT US	CHAR/1
FILE.FILE.DESCR	CHAR/30				ASPIRE.GL_ACCOUNT_TBL.DESCR	CHAR/30
FILE.FILE.DESCRSHORT	CHAR/10				ASPIRE.GL_ACCOUNT_TBL.DESCRSH ORT	CHAR/10
FILE.FILE.AB_ACCOUNT_S W	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.AB_ACCO UNT_SW	CHAR/1
FILE.FILE.GL_ACCOUNT_S W	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.GL_ACCO UNT_SW	CHAR/1
FILE.FILE.PF_ACCOUNT_S W	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.PF_ACCO UNT_SW	CHAR/1

Conversion/Interface Requirements						
FILE.FILE.ACCOUNT_TYPE	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.ACCOUNT_TYPE	CHAR/1
FILE.FILE.UNIT_OF_MEASURE	CHAR/3				ASPIRE.GL_ACCOUNT_TBL.UNIT_OF_MEASURE	CHAR/3
FILE.FILE.OPEN_ITEM	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.OPEN_ITEM	CHAR/1
FILE.FILE.OPEN_ITEM_DESCR	CHAR/10				ASPIRE.GL_ACCOUNT_TBL.OPEN_ITEM_DESCR	CHAR/10
FILE.FILE.OPEN_ITEM_EDIT_REC	CHAR/15				ASPIRE.GL_ACCOUNT_TBL.OPEN_ITEM_EDIT_REC	CHAR/15
FILE.FILE.OPEN_ITEM_EDIT_FLD	CHAR/18				ASPIRE.GL_ACCOUNT_TBL.OPEN_ITEM_EDIT_FLD	CHAR/18
FILE.FILE.OPEN_ITEM_PROMPT	CHAR/15				ASPIRE.GL_ACCOUNT_TBL.OPEN_ITEM_PROMPT	CHAR/15
FILE.FILE.OPEN_ITEM_TOL_AMT	SIGNED_NUM/23.3				ASPIRE.GL_ACCOUNT_TBL.OPEN_ITEM_TOL_AMT	SIGNED_NUM/23.3
FILE.FILE.CURRENCY_CD	CHAR/3				ASPIRE.GL_ACCOUNT_TBL.CURRENCY_CD	CHAR/3
FILE.FILE.STATISTICS_ACCOUNT	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.STATISTICS_ACCOUNT	CHAR/1
FILE.FILE.BALANCE_FWD_SW	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.BALANCE_FWD_SW	CHAR/1

Conversion/Interface Requirements						
FILE.FILE.CONTROL_FLAG	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.CONTROL_FLAG	CHAR/1
FILE.FILE.BOOK_CODE	CHAR/4				ASPIRE.GL_ACCOUNT_TBL.BOOK_CODE	CHAR/4
FILE.FILE.BOOK_CODE_OVERRIDE	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.BOOK_CODE_OVERRIDE	CHAR/1
FILE.FILE.BAL_SHEET_IND	CHAR/2				ASPIRE.GL_ACCOUNT_TBL.BAL_SHEET_IND	CHAR/2
FILE.FILE.VAT_ACCOUNT_FLG	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.VAT_ACCOUNT_FLG	CHAR/1
FILE.FILE.PHYSICAL_NATURE	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.PHYSICAL_NATURE	CHAR/1
FILE.FILE.BUDGETARY_ONLY	CHAR/1				ASPIRE.GL_ACCOUNT_TBL.BUDGETARY_ONLY	CHAR/1

Budget Entity (OPERATING_UNIT) – OPER_UNIT_CF (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR/5				ASPIRE.OPER_UNIT_TBL.SETID	CHAR/5
FILE.FILE.BUDGET_ENTITY	CHAR/8				ASPIRE.OPER_UNIT_TBL.OPERATING_UNIT	CHAR/8
FILE.FILE.EFFDT	DATE /10			MM/DD/YYYY	ASPIRE.OPER_UNIT_TBL.EFFDT	DATE /10
FILE.FILE.EFF_STATUS	CHAR/1			“A” for Active	ASPIRE.OPER_UNIT_TBL.EFF_STATUS	CHAR/1
FILE.FILE.DESCR	CHAR/30				ASPIRE.OPER_UNIT_TBL.DESCR	CHAR/30
FILE.FILE.DESCRSHORT	CHAR/10				ASPIRE.OPER_UNIT_TBL.DESCRSHORT	CHAR/10
FILE.FILE.BUDGETARY_ONLY	CHAR/1				ASPIRE.OPER_UNIT_TBL.BUDGETARY_ONLY	CHAR/1

Category (PRODUCT) – PRODUCT_CF (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR/5				ASPIRE.PRODUCT_TBL.SETID	CHAR/5
FILE.FILE.CATEGORY	CHAR/6				ASPIRE.PRODUCT_TBL.PRODUCT	CHAR/6
FILE.FILE.EFFDT	DATE/10			MM/DD/YYYY	ASPIRE.PRODUCT_TBL.EFFDT	DATE/10
FILE.FILE.EFF_STATUS	CHAR/1			“A” for Active	ASPIRE.PRODUCT_TBL.EFF_STATUS	CHAR/1
FILE.FILE.DESCR	CHAR/30				ASPIRE.PRODUCT_TBL.DESCR	CHAR/30
FILE.FILE.DESCRSHORT	CHAR/10				ASPIRE.PRODUCT_TBL.DESCRSHORT	CHAR/10
FILE.FILE.BUDGETARY_ONLY	CHAR/1				ASPIRE.PRODUCT_TBL.BUDGETARY_ONLY	CHAR/1

Fund/CC (FUND_CODE) – FUND_CF (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR/5				ASPIRE.FUND_TBL.SETID	CHAR/5
FILE.FILE.FUND_CC	CHAR/7				ASPIRE.FUND_TBL.FUND_CODE	CHAR/7
FILE.FILE.EFFDT	DATE /10			MM/DD/YYYY	ASPIRE.FUND_TBL.EFFDT	DATE /10
FILE.FILE.EFF_STATUS	CHAR/1			“A” for Active	ASPIRE.FUND_TBL.EFF_STATUS	CHAR/1
FILE.FILE.DESCR	CHAR/30				ASPIRE.FUND_TBL.DESCR	CHAR/30
FILE.FILE.DESCRSHORT	CHAR/10				ASPIRE.FUND_TBL.DESCRSHORT	CHAR/10
FILE.FILE.BUDGETARY_ONLY	CHAR/1				ASPIRE.FUND_TBL.BUDGETARY_ONLY	CHAR/1

Appropriation Year (PROGRAM_CODE) – PROGRAM_CF (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR/5				ASPIRE.PROGRAM_TBL.SETID	CHAR/5
FILE.FILE.APPROP_YEAR	CHAR/4				ASPIRE.PROGRAM_TBL.PROGRAM_CODE	CHAR/4
FILE.FILE.EFFDT	DATE/10			MM/DD/YYYY	ASPIRE.PROGRAM_TBL.EFFDT	DATE/10
FILE.FILE.EFF_STATUS	CHAR/1			“A” for Active	ASPIRE.PROGRAM_TBL.EFF_STATUS	CHAR/1
FILE.FILE.DESCR	CHAR/30				ASPIRE.PROGRAM_TBL.DESCR	CHAR/30
FILE.FILE.DESCRSHORT	CHAR/10				ASPIRE.PROGRAM_TBL.DESCRSHORT	CHAR/10
FILE.FILE.MANAGER_NAME	CHAR/30				ASPIRE.PROGRAM_TBL.MANAGER_NAME	CHAR/30
FILE.FILE.BUDGETARY_ONLY	CHAR/1				ASPIRE.PROGRAM_TBL.BUDGETARY_ONLY	CHAR/1

Program Component (CHARTFIELD3) – CHARTFIELD3 (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR/5				ASPIRE.CHARTFIELD3_TBL.SETID	CHAR/5
FILE.FILE.PROGRAM_COMPONENT	CHAR/10				ASPIRE.CHARTFIELD3_TBL.CHARTFIELD3	CHAR/10
FILE.FILE.EFFDT	DATE/10			MM/DD/YYYY	ASPIRE.CHARTFIELD3_TBL.EFFDT	DATE/10
FILE.FILE.EFF_STATUS	CHAR/1			“A” for Active	ASPIRE.CHARTFIELD3_TBL.EFF_STATUS	CHAR/1
FILE.FILE.DESCR	CHAR/30				ASPIRE.CHARTFIELD3_TBL.DESCR	CHAR/30
FILE.FILE.DESCRSHORT	CHAR/10				ASPIRE.CHARTFIELD3_TBL.DESCRSHORT	CHAR/10
FILE.FILE.BUDGETARY_ONLY	CHAR/1				ASPIRE.CHARTFIELD3_TBL.BUDGETARY_ONLY	CHAR/1

Project (PROJECT_ID) – PROJECT_CF (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR/5				ASPIRE.PROJECT_FS.SETID	CHAR/5
FILE.FILE.PROJECT_ID	CHAR/10				ASPIRE.PROJECT_FS.PROJECT_ID	CHAR/10
FILE.FILE.EFF_STATUS	CHAR/1			“A” for Active	ASPIRE.PROJECT_FS.EFF_STATUS	CHAR/1
FILE.FILE.INTEGRATION_TEMPLA	CHAR/15				ASPIRE.PROJECT_FS.INTEGRATION_TEMPL	CHAR/15
FILE.FILE.DESCR	CHAR/30				ASPIRE.PROJECT_FS.DESCR	CHAR/30
FILE.FILE.START_DATE	CHAR/10			MM/DD/YYYY	ASPIRE.PROJECT_FS.START_DT	CHAR/10
FILE.FILE.END_DATE	CHAR/10			MM/DD/YYYY	ASPIRE.PROJECT_FS.END_DT	CHAR/10
FILE.FILE.PROGRAM	CHAR/1				ASPIRE.PROJECT_FS.SUMMARY_PRJ	CHAR/1

Activity Issue (BUDGET_REF) – BUDGET_REF_CF (CI)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SETID	CHAR / 5				ASPIRE.BUD_REF_TBL.SETID	CHAR / 5
FILE.FILE.BUDGET_REF	CHAR / 7				ASPIRE.BUD_REF_TBL. BUDGET_REF	CHAR / 7
FILE.FILE.EFFDT	DATE/ 10			MM/DD/YYYY	ASPIRE.BUD_REF_TBL. EFFDT	DATE/ 10
FILE.FILE.EFF_STATUS	CHAR / 1			“A” for Active	ASPIRE.BUD_REF_TBL. EFF_STATUS	CHAR / 1
FILE.FILE.DESCR	CHAR / 30				ASPIRE.BUD_REF_TBL. DESCR	CHAR / 30
FILE.FILE.DESCRSHORT	CHAR / 10				ASPIRE.BUD_REF_TBL. DESCRSHORT	CHAR / 10
FILE.FILE.BUDGETARY_ON LY	CHAR / 1				ASPIRE.BUD_REF_TBL. BUDGETARY_ONLY	CHAR / 1