

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	008
ADML Description	US Dept. of Commerce Interface Design
ADML Tech #	008

2.1 Description Functionality

The State of Florida provides “Extract” files to the US Department of Commerce at the end of each fiscal year using the Central Financial System - FLAIR. With the existing process three flat files are created from data extracts taken from FLAIR. These extracts include Expenditures by Object Code File, Revenue by Object Code File and a Title file. The title file contains descriptive information for values used in the revenue and expenditure files. A Monthly Revenue Collection Report produced by FLAIR is also used by the Department of Commerce to compile quarterly state tax revenue data.

The State requires that a file be created from Aspire which can be sent to the US Department of Commerce. Additionally, the State requires the availability of quarterly state tax revenue data to the Department of Commerce. Aspire will be implemented with a new Chart of Accounts – Chartfield Structure. The new Chartfield structure will necessitate changes to the existing file layout, however the new file layout should ensure that the pertinent data is captured in a similar format to the prior years’ data.

The interface will use the following fields to select the data from the GL Ledger. These fields are:

- Business Unit
- Fund CC
- Budget Entity
- Category
- Account
- Alt Account

The following table, in Aspire, contains the required data for the extract file:

- LEDGER

A data extract process will be run at the end of the fiscal year to produce the requested information. The information will be collected and sent as a “zip” file via email to the US Department of Commerce. An option will also be available to produce the file by one or more fiscal periods (month) on an as-needed basis. Extract information will be restricted to expenditure and revenue data only. The account chartfield will include all accounts with an account type of Revenue or Expense. The alternate account chartfield will be identified using an alternate account Chartfield tree. The FL_DOC_ALTACCT_RPT tree will be used to group the revenue and expenditure alternate account values according to groupings specified by the US Department of Commerce. Groupings will be included as titles on the file extract. Examples of these groupings are taxes by type such as, property taxes, motor fuel sales taxes, license taxes and other miscellaneous taxes.

Titles for Chartfield values will also be required for this file. The individual field descriptions are located in the following tables:

- BUS_UNIT_TBL_FS (Business Unit)
- FUND_TBL (Fund CC)
- OPER_UNIT_TBL (Budget Entity)
- PRODUCT_TBL (Category)
- GL_ACCOUNT_TBL (Account)
- ALTACCT_TBL (Alt Account)

The file will extract the associated amount total for the selected fiscal period using the CASH Ledger information from the Ledger Table for all unique combinations of the following Chartfields; Business Unit, Fund CC, Budget Entity, Category, Account, and Alt Account, where the accounts are revenue or expense account types and alternate accounts are limited to the expenditure and revenue range of values as defined on the alternate accounts tree.

2.2 Scheduling

The interface will be run on an as needed basis and at the end of each fiscal year.

2.3 Run Control Parameters

Interface / Conversion Parameters	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>
<i>Parameters (Optional)</i>	<i>Possible Values</i>
Process Frequency	Always
Business Unit	All available business units
Ledger Group	Only the ledger group "Cash" Ledger
Fiscal Year	Any
Period From	Any
Period To	Any

2.4 Unit Test Considerations

- Data extracted from Aspire will be reviewed by Accounting & Auditing staff of DFS and compared to prior periods' data to validate the consistency and accuracy of the information.
- Control totals and amounts will be provided by Business Unit to accommodate validation of data.
- A finished pilot test file should be sent to the US Department of Commerce to ensure the data and data structure is acceptable. Division of Information Systems

should be requested to verify either file versions or totals to confirm the information is what is expected before the file is sent.

2.5 Miscellaneous

The US Department of Commerce will need to be made aware that until all agencies have implemented Aspire, a separate file will be created for non-Aspire agencies using FLAIR.

During the transitional period, the Department of Commerce is requesting a crosswalk of FLAIR to Aspire values be provided.

2.6 Assumptions

The Department of Commerce interface information sent from FLAIR uses the state standard four character object code. The account and alt account information to be provided by Aspire will be at a more detail level.

2.7 Record Layout

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.LEDGER.LEDGER	Char/ 10	LEDGER = CASH				
ASPIRE.LEDGER.BUSINESS_UNIT	Char/ 5	Only GL business units excluding Elimination Units			File.File. Business Unit	Char/ 5
ASPIRE.BUS_UNIT_TBL_FS.BUSINESS UNIT	Char/ 5	Used to find Description from the BUS_UNIT_TBL_FS where the BUSINESS_UNIT value from the LEDGER row = the BUSINESS_UNIT value on this				

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
		<i>table</i>				
<i>ASPIRE.BUS_UNIT_TBL_FS. DESCR</i>	<i>Char/ 30</i>	<i>Select description from the BUS_UNIT_TBL_FS where the BUSINESS_UNIT value from the LEDGER row = the BUSINESS_UNIT value on this table</i>			<i>File.File.Bus_Unit_Description</i>	<i>Char/ 30</i>
<i><u>ASPIRE.LEDGER.FUND_CODE</u></i>	<i>Char/7</i>				<i>File.File.Fund/CC</i>	<i>Char/7</i>
<i>ASPIRE.FUND_TBL.FUND_CODE</i>	<i>Char/ 7</i>					

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.FUND_TBL.DESCR	Char/ 30	Select description from the FUND_TBL where the FUND_CODE value from the LEDGER row = the FUND_CODE value on this table			File.File.Fund/CC_Descr	Char/ 30
ASPIRE.LEDGER.OPER_UNIT_	Char/ 8				File.File.Budget_Entity	Char/ 8
ASPIRE.OPER_UNIT_TBL.OPER_UNIT	Char/ 8					
ASPIRE.OPER_UNIT_TBL.DESCR	Char/30	Select the description from the OPER_UNIT_TBL where the OPER_UNIT			File.File.Budget_Entity_Descr	Char/ 30

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
		<i>value from the LEDGER row = the OPER_UNIT value on this table</i>				
<i>ASPIRE_LEDGER_PRODUCT</i>	<i>Char/6</i>				<i>File.File.Category</i>	<i>Char/6</i>
<i>ASPIRE.PRODUCT_TBL.PRODUCT</i>	<i>Char/6</i>					
<i>ASPIRE.PRODUCT_TBL_DESCR</i>	<i>Char/30</i>	<i>Select the description from the PRODUCT_TBL where the PRODUCT value from the LEDGER row = the PRODUCT value on this table</i>			<i>File.File.Category_Descr</i>	<i>Char/30</i>

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.LEDGER.ACCOUNT	Char/ 8				File.File Account	Char/ 8
ASPIRE.GL_ACCOUNT_TBL.ACCOUNT	Char/ 8	Select only the account values where the account type = to Revenue or Expenditure.				
ASPIRE.GL_ACCOUNT_TBL.DESCR	Char/ 30	Select the description from the GL_ACCOUNT_TBL where the ACCOUNT value from the LEDGER row = the ACCOUNT value on this table			File.File.Acct_Descr	Char/ 30
ASPIRE.LEDGER.ALTACCT	Char/8	Select only the values that are			File.File.Alternate	Char/8

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
		<i>the detail values for Level 3 tree nodes of the FL_DOC_ALT ACCT_RPT tree.</i>			<i>Account</i>	
<i>ASPIRE.ALTACCT_TBL.ALT ACCOUNT</i>	<i>Char/8</i>					
<i>ASPIRE.ALTACCT_TBL.DES CR</i>	<i>Char/30</i>	<i>Select the description from the ALTACCT_TBL where the ALTACCT value from the LEDGER row = the ALTACCT value on this table</i>			<i>File.File.Alternate Account_Descr</i>	<i>Char/30</i>

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
<i>ASPIRE.LEDGER.POSTED_BASE_AMT</i>	<i>SIGN / 23.3</i>		<i>Total amount for the fiscal period(s) selected from 1 thru 12 for a single fiscal year</i>		<i>File.File.Amount</i>	<i>SIGN / 30 (28.2 – Decimal is implied; Sign is in first byte)</i>
<i>Total transactions by Business Unit</i>						
<i>Total Posted base amt by Business Unit</i>	<i>SIGN/23.3</i>					