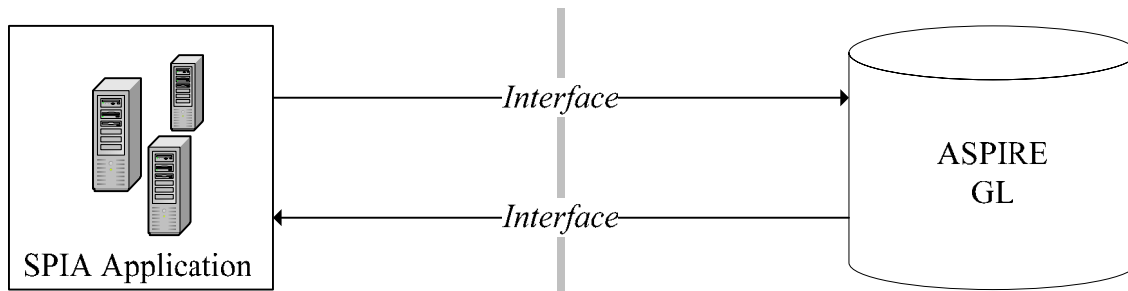


2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	788
ADML Description	SPIA Interface – Outbound to SPIA Application
ADML Tech #	199

2.1 Description Functionality

The State of Florida Treasury will keep the SPIA website and SPIA application (SPIA Application) as an external system; however, the ADB interest allocation processes for SPIA will be executed in Aspire.



DFS Treasury’s SPIA Application will be responsible for the following:

- Security access for SPIA participants.
- Cash Checking for SPIA account balances.
- Netting of fund balances for SPIA transactions.
- SPIA participant notification of intent to invest or disinvest.
- On-line statements of activity for each SPIA account.
- The SPIA Application will hold and transmit valid Aspire chartfield combinations for each SPIA Participant account.

- The SPIA Application will accept valid Aspire chartfield combinations for each SPIA Participant account to record daily balances, and monthly administration fees and interest allocation transactions.

Aspire GL would be responsible for the following:

- Accept an inbound interface of daily detailed SPIA transactions in valid Aspire chartfield combinations from the SPIA application and upload them into the GL for the allocation process.
- An outbound interface of SPIA administration fees and interest allocation transactions in valid Aspire chartfield combinations to the SPIA application to be used for cash checking and on-line statements.

An interface configuration is required to format the file for the outbound SPIA Application.

This functional design spec is written in order to assist the interface team with the method of delivery and any possible changes to the file format. It is also written to account for the interface with SPIA and assist the interface team in writing a technical specification document describing the connectivity between Aspire servers and the SPIA Application.

This interface is dependent on Interest Allocation process run in the GL module. This design is based on the assumption that the interest earned and admin fee entries will be recorded in a custom record in addition to the journal tables in GL. As delivered, the interest allocation process is not working in the way to support this design. Accordingly, a case has been opened with PeopleSoft by R2R team and PeopleSoft has proposed a solution to solve the problem. Please refer to the attached document for further details.



Advice from
PeopleSoft re SQL err

Below is the custom record structure that needs to be created to store the interest earned and admin fee entries from the allocation process:

FL_TR_INTEREST

Field Name	Description	Length	Type	Key
Interface ID	Aspire Interface ID		Char	Y
BUSINESS_UNIT	Business Unit	5	Char	Y

DESCR	Description	30	Char	N
FISCAL_YEAR	Fiscal Year	4	Nbr	Y
ACCOUNTING_PERIOD	Accounting Period	3	Nbr	Y
ACCOUNT	Account	8	Char	Y
FUND_CODE	Fund	7	Char	Y
AFFILIATE_INTRA1	Fund Affil	10	Char	Y
CHARTFIELD1	Chartfield 1	10	Char	Y
CHARTFIELD2	Chartfield 2	10	Char	N
AFFILIATE	Affiliate	5	Char	Y
MONETARY_AMOUNT	Amount	23.3	Sign	N
FL_TRANS_TYPE	Transaction Type	3	Char	Y
Process Date	Process Date	10	Date	N
Process Instance	Process Instance	10	Nbr	N

Interface Logic:

Select all rows from FL_TR_INTEREST record where Interface ID = ‘ ‘ and CHARTFIELD1 <> ‘ ‘

Write the data into output file as specified in the Record Layout section of this document

If the Write is successful

Update FL_TR_INTEREST record (for each row processed) with Interface ID (788), Process Date and Process Instance.

Else

Write an Error Log file and exit.

2.2 Scheduling

Monthly after the Interest Allocation (Interest and Fee) process is run.

2.3 Run Control Parameters

There are no Run Control Parameters.

2.4 Unit Test Considerations

Interface Team should push an outbound file to the SPIA Application. The SPIA Application technical team should confirm successful load and check sample balances to insure transactions were recorded properly to SPIA application.

2.5 Miscellaneous

Queries

None required.

ADML Dependencies

1834 – Creation of a new SQL view to support Treasury’s interest allocation process.

1775 – Trust Fund Interest Earned and Admin Fee – Outbound

2.6 Assumptions

- Interest Allocation process will be able to create the interest earned and admin fee entries in the custom record (FL_TR_INTEREST).
- Entries in the custom record will be created only from a specific Allocation(s) as required by this interface.
- SPIA has participants that are outside the State of Florida agency structure.
- SPIA participants will have access to SPIA Application, but will only be able to view their own accounts. The participants will not have direct access to Aspire.
- The Treasury liability to the SPIA participants will have to be recorded in the SPIA Application order to keep accurate records of invested balances and activity.
- General Ledger will create a business unit and chartfield structure to record SPIA daily transaction activity for the interest allocation process.
- The SPIA transactions for the inbound interface to GL Aspire will be in valid Aspire chartfield combinations.
- The SPIA balances and interest allocation transactions for the outbound interface to the SPIA Application will be in valid Aspire chartfield combinations.

- Daily transactions from the SPIA Application will be per account, not netted.
- The delivered Trial Balance report will be used to reconcile the balances in Aspire GL to SPIA.

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.FL_TR_INTEREST.BUSINESS_UNIT	Char/ 5				File.File. Business Unit	Char/ 5
ASPIRE.FL_TR_INTEREST.DESCR	Char/ 30				File.File.Descr	Char/ 30
ASPIRE.FL_TR_INTEREST.FISCAL_YEAR	Nbr/ 4				File.File.Fiscal Year	Nbr/ 4
ASPIRE.FL_TR_INTEREST.ACOUNTING_PERIOD	Nbr/ 3				File.File.Period	Nbr/ 2
ASPIRE.FL_TR_INTEREST.ACCOUNT	Char/ 8				File.File.Account	Char/ 8
ASPIRE.GL_ACCOUNT_TBL.DESCR	Char/ 30				File.File.Account_Descr	Char/ 30
ASPIRE.FL_TR_INTEREST.FUND_CODE	Char/ 7				File.File.Fund/CC	Char/ 7
ASPIRE.FUND_TBL.D	Char/ 30				File.File.Fund_Descr	Char/ 30

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ESCR						
ASPIRE.FL_TR_INTEREST.CHARTFIELD1	Char/ 10				File.File.Chartfield1	Char/ 10
ASPIRE.CHARTFIELD1_DESCR	Char/ 30				File.File.Chartfield1 Descr	Char/ 30
ASPIRE.FL_TR_INTEREST.MONETARY_AMOUNT	Nbr/ 23.3				File.File.Amount	Nbr/ 23.3
ASPIRE.FL_TR_INTEREST.FL_TRANS_TYPE	Char/ 3				File.File.Type	Char/ 3