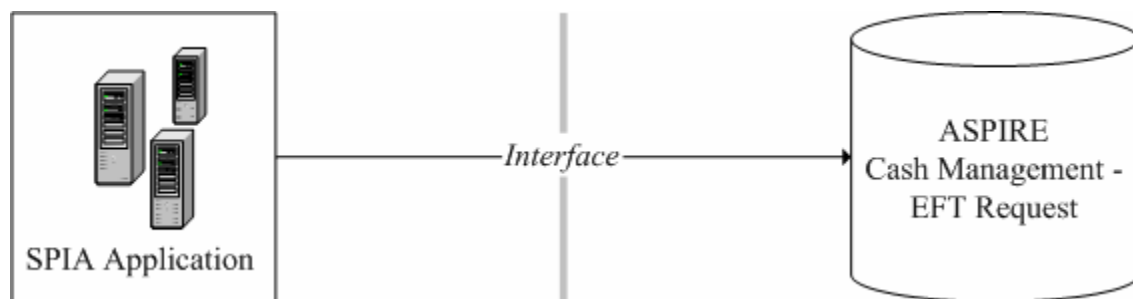


## 2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

<b>ADML ID</b>	1127
<b>ADML Description</b>	SPIA Interface – Inbound to Aspire, EFT Request
<b>ADML Tech #</b>	

### 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 EFT request to transfer funds out of Bank of New York 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.
- Format a file to interface to Aspire using a custom App Engine to create EFT Requests after the SPIA Application completes the netting and cash checking process.

- Calculate monthly interest rate for each fund based on Aspire balance and interest allocated.
- Calculate monthly interest rate for the total pool based on Aspire balance and interest allocated.

**SPIA Interface – Inbound to Aspire, EFT Request**

SPIA participants can have multiple accounts and in the process of investing / disinvesting, an obligation to dispatch funds to the participant could result once the transactions are netted. After the netting process, cash checking for a SPIA participant in the SPIA Application is executed; if cash checking passes, the funds are dispatched. The State will initiate an EFT request to transfer funds out of Bank of New York account to the participant’s banking institution and account.

To automate the initiation of EFT request process, required information should be interfaced from SPIA Application to Aspire Cash Management – EFT Request component. This will be accomplished by developing a custom Component Interface to access the delivered component TR\_WIRE\_PNLG in Aspire. In addition, a custom App Engine Process will initiate the component interface in Aspire.

The SPIA Application should provide **Description, EFT Template ID, and Amount** fields to the component interface. EFT templates will be created and approved in Aspire to store relevant information for all repetitive EFTs.

Sample EFT Request page.

Navigation: Cash Management > Fees and Transfers > EFT Request

The screenshot shows a web interface titled "EFT Request". At the top, there are two buttons: "Find an Existing Value" and "Add a New Value". Below these are two input fields: "Business Unit" with the value "US001" and "EFT Request ID" with the value "NEXT". Both input fields have a magnifying glass icon to the right. At the bottom left, there is a yellow "Add" button.

Origin	Destination	Beneficiary Address
Unit: US001	EFT Request ID: NEXT	
<b>EFT Request Information</b>		
Description:	<input type="text" value="Description goes here"/>	Fed Wire ID:
Template ID:	<input type="text" value="TR WIRE TRW"/>	Template Expiration:
<b>From Bank Account</b>		
Bank Code:	<input type="text" value="USBNK"/>	Bank ID: 121042882
Bank Account:	<input type="text" value="CHCK"/>	Account #: 0741-256458
Amount:	<input type="text" value="650000.00"/>	Currency: <input type="text" value="USD"/>
Payment Method:	<input type="text" value="Treasury Wire"/>	Business Date: <input type="text" value="08/23/2004"/>
Repetitive Transfer Code:	<input type="checkbox"/> Drawdown Transfer	
Acctg Template:	<input type="text" value="TR_WIRES"/>	
<b>Transaction Information</b>		
Entered By	Date Time	EFT Request Status
SANSONA	08/23/2004 2:39:22PM	Unapproved
<input type="button" value="Save"/>	<input type="button" value="Notify"/>	<input type="button" value="Refresh"/>
		<input type="button" value="Add"/> <input type="button" value="Update/Display"/>

## 2.2 Scheduling

- Ad Hoc and/or scheduled.

## 2.3 Run Control Parameters

- File Path and File Name
- Business Unit

## 2.4 Unit Test Considerations

- Establish and test the connectivity between SPIA Application and Aspire.
- Test the component interface to make sure all the required information is populated in the TR\_WIRE\_PNLG component.
- If a wire template is not valid, or approved, the EFT Request (that particular transaction) must be dropped; all other EFT Requests that are valid can be processed. Error log should contain the failed transaction.

## **2.5 Miscellaneous**

### **Queries**

- None required.

### **ADML Dependencies**

- None noted.

## **2.6 Assumptions**

- SPIA has participants that are outside the State of Florida agency structure.
- SPIA participants will have access to SPIA Application and will not have direct access to Aspire.
- Netting and Cash Checking will be performed in SPIA Application.

## 2.7 Record Layout

Delivered component TR\_WIRE\_PNLG will be accessed by the custom App Engine.

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
DESCR	Char/ 30				TR_WR_HEADER.DESCR	Char/ 30
TR_WR_TEMPLATE_ID	Char/ 12				TR_WR_HEADER.TR_WR_TEMPLATE_ID	Char/ 12
AMOUNT	Sign/ 23.3				TR_WR_WRK.AMOUNT	Sign/ 23.3