

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

<b>ADML ID</b>	<b>1143</b>
<b>ADML Description</b>	<b>Return Expense Payments Data to Agencies</b>
<b>ADML Tech #</b>	<b>1143</b>

### 2.1 Description Functionality

Aspire will need to be able to create a flat file for all the expense payments loaded from all the Agencies and paid through Aspire ( i.e. Regular, Adjustment, Reversal and Single Pay vouchers), Available to Agencies – Expense Payments. Once the data is populated into the flat files, agencies should load the data into their respective systems.

All disbursements will be interfaced from the current legacy systems into Aspire (FDSI\_095) and will be uniquely identifiable by the ORIGIN, Business Unit and Voucher ID combination. Once the payments are created for these disbursements, agency systems will be required to capture the payment information for these disbursements in the agency legacy systems. Inbound interface (FDSI\_095) will handle all the necessary validations and load the data into the Voucher tables (i.e. VOUCHER, VOUCHER\_LINE, and DISTRIB\_LINE etc.). Once the payments are created in Aspire, the data will also be populated into the PAYMENT\_TBL and PYMNT\_VCHR\_XRF tables.

In Aspire, we need to create a flat file from the data in the Voucher and Payment tables for each of agencies for which disbursements are loaded. This interface will send only the voucher / payment data after the payments are created in Aspire. In case of voucher build / voucher edit errors during the load process, users will be expected to correct the errors online in Aspire.

### 2.2 Scheduling

This should be a nightly batch process (M-F).

**2.3 Run Control Parameters**

<b>Interface / Conversion Parameters</b>	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>
<i>Parameters (Optional)</i>	<i>Possible Values</i>
BUSINESS_UNIT	SP_BUS_AP_CLSVW (All valid Payables Business Units.)
From Date	Valid Date (calendar)
To Date	Valid Date (calendar)

**2.4 Unit Test Considerations**

- Test run control page. Must provide a valid payables business unit. Prompt table should return only valid values.
- Test creating multiple vouchers with multiple lines and distribution and ensure that outbound file contains entire data – ( Positive Condition)
- Voids some payments and ensure that these transactions are not on the data file ( ADML 92 creates a log of voids) – (Negative condition)

**2.5 Miscellaneous**

- ADML 095 allows multiple lines and multiple distributions per voucher, all this line and distribution information needs to be transmitted back to agency.

Example potential file format (Structure should be similar to ADML 95 inbound file)

Voucher Header - Data

Voucher Line - Data

Distrib Line - Data

Distrib line - Data

Voucher line - Data

Payment Xref - Data

- A standard header record should be added to this outbound file, contain batch total and counts.

## 2.6 Assumptions

- All of the legacy business systems will create/modify their own inbound interface of expense payments to accept the Aspire record layouts as defined in this design specification document.
- The program will create separate flat files for each origin and place the files in agency-specific secure directories.
- The flat file returns only vouchers that were paid from Aspire ( Not cancellation i.e. only paid status)

## 2.7 Record Layout



1143.xls