

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	1764
ADML Description	Interface Payroll Accounting Entry distributions from Aspire to People First
ADML Tech #	

2.1 Description of Functionality

This interface will send position-driven pro-forma payroll accounting entry chartfield values generated in Aspire to People First (PF) for loading into the PF data warehouse. People First will determine at a later date if Aspire data will load to its production system. This interface to People First provides the following benefits:

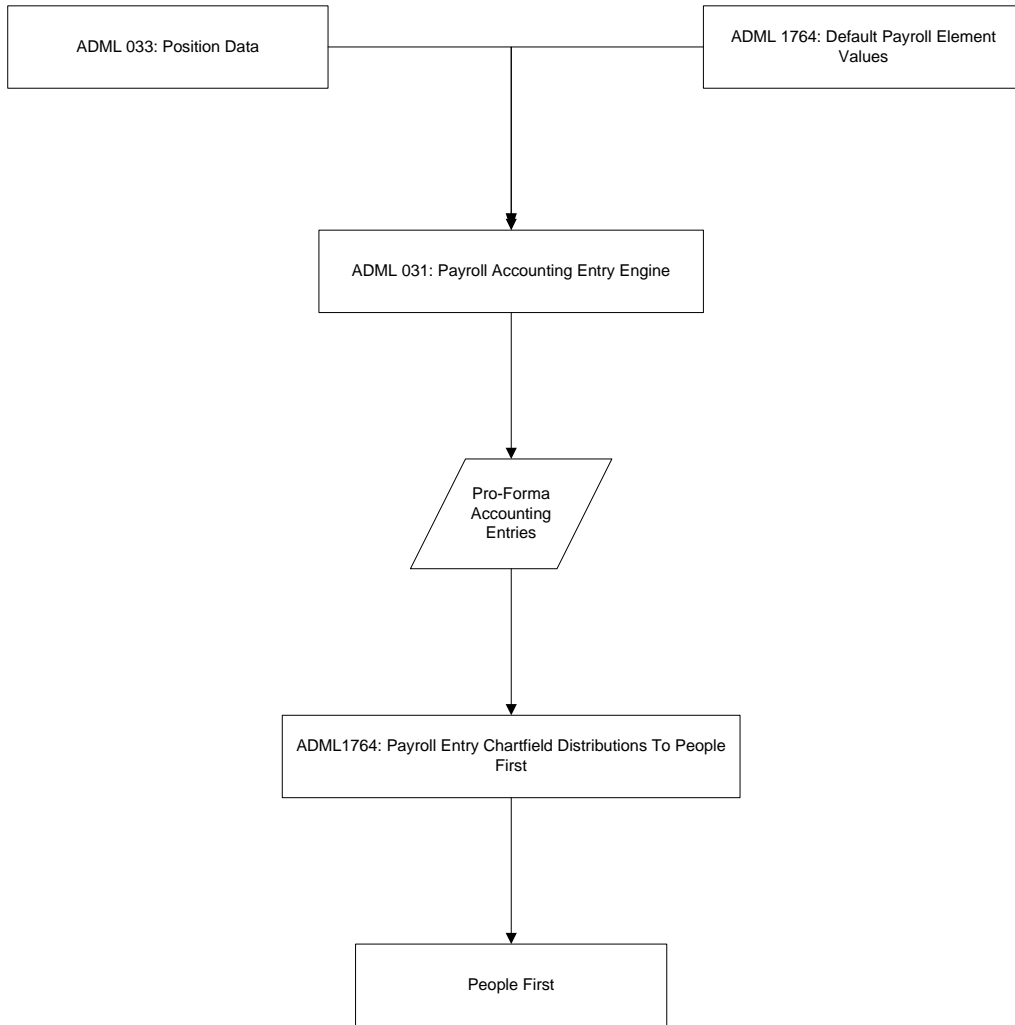
- Provides Budget Entity and Program Component data to PF for the LAS/PBS Position reports (Rate reports).
- Eliminates dual entry - eliminates the need for agencies to enter Aspire chartfield values in both PF and Aspire in order to keep both systems synchronized.
- Establishes Aspire as the “System of Record” – chartfield data will be generated and maintained in Aspire as the system of record for financial data.

People First houses one FLAIR Account Code per Position and may also house one FLAIR Account Code, per position, for each of the following three earning types/codes: On-call Pay, Overtime Pay and CJIP pay. However, this enhancement will process only the earnings codes for Regular (9170) and OPS (9171) pay for interface to People First for creation of the rate report. In Aspire, each position may be configured to associate with many funding sources. This interface will include each row of funding data associated with a position, as it is configured in the payroll accounting entry generation control tables for earnings codes 9170 and 9171.

The flow the interface will follow is: ADML 033 will update the Position_Data table on a daily (nightly) basis. After ADML 033’s update, this enhancement will use the updated Position_Data table in combination with the configuration data defined in ADML 1764 (See [Application Changes](#) section) to feed the accounting entry creation engine in ADML 031. The engine will create pro-forma accounting entries, placing them in specified ADML 031 tables (Input tables: FL_PR_TestDat_H and FL_PR_TestDat_L, Output table: FL_PR_Dist_Prvw) from which ADML 1764 will extract those entries. That data

will then pass to People First for loading to its tables. A process flow depicting the process described here is presented below:

ADML 1764: Interface Payroll Accounting Entry Distributions from Aspire to PeopleFirst



Output data will be mapped from (ADML 031) FL_PR_TESTDAT_H, FL_PR_TESTDAT_L, FL_PR_DIST_PRVW tables to the output file during technical design with the assistance of the R2R team. Multiple rows may exist in the FL_PR_DIST_PRVW table for any combination of Business Unit, Position, and Earning Code as we may be processing multiple employees per Position within a Business Unit. Therefore, we may have multiple records in the output file for any unique combination of Business Unit, Position, and Earning Code. However, if all data elements in an output row are identical to a previously created record, the duplicate will be dropped from the output file (in other words each row in the output file will be unique).

Data mapping and processing logic for loading the FL_PR_TESTDAT_H and FL_PR_TESTDAT_L tables for use by ADML 31 creating pro-forma accounting transactions in the FL_PR_DIST_PRVW table will be determined during technical design with assistance from the R2R team.

2.2 Scheduling

This job will utilize a run control which offers the flexibility to process all agencies at once or only select agencies at any one time. Whereas this enhancement can require substantial processing time and resources dependent upon transaction volume, it benefits the state to consider processing only certain agencies on a more frequent basis and others on a less frequent basis. This would result in a less resource-intensive schedule that would accommodate the processing of true payroll data by the state, which is the overriding requirement of ADML 031. Additionally, this process is dependent upon the successful completion of the ADML 033 process to update the Position_Data table used here.

2.3 Run Control Parameters

None.

2.4 Unit Test Considerations

Standard unit test conditions as determined by developers.

2.5 Application Changes

Record(s): This enhancement requires the creation of an enterprise configuration table to contain default values to pass to the ADML 031 pro-forma accounting entry creation process. This table will contain configuration default values for the following payroll elements:

- Appointment Status (FL_PR_Trans),
- Earnings Code (FL_PR_EarnCode),

- Retirement Code (FL_PR_Trans)
- Payroll Organization (FL_PR_Orgs)
- Dollar Amount (flat amount of \$100.00, to force accounting entries to generate for split-funded positions)

These payroll elements correspond to elements present in Salary Detail files processed by ADML 031. For Aspire to process payroll accounting entries, ADML 031 uses custom tables containing the above fields/elements, among others. The ADML 031 configuration document contains detailed information on all fields, records and pages used in Aspire payroll accounting entry generation, the ADML 1764 data source.

The master ADML 1764 configuration table contains enterprise default values for Appointment Status, Retirement Code, Payroll Organization, and Dollar Amount. Only one default value for each of these data elements is required. A child ADML 1764 configuration table is also required. This table will contain multiple rows containing Earnings Code and Earnings Code Status. These Earnings Codes are used by ADML 031 to create pro-forma accounting distributions stored in the FL_PR_DIST_PRVW table. If the Earning Code's status in the FL_PR_DIST_PRVW table = 'A' (active), then ADML 1764 will create a row in the FL_PR_TESTDAT_L table for that combination of business unit, position, employee ID, and earning code.

Page(s): This enhancement requires the creation of a page to setup and maintain the configuration table mentioned above. The Bureau of State Payrolls will enter default values for the payroll elements/fields listed above using this page.

2.6 Assumptions

The interface will use the system date at runtime to determine the 'current' effective-dated row in the Position_Data table.

Aspire will send current effective-dated position rows for Regular and OPS earnings codes (9170 and 9171, respectively). People First will determine whether its current records need to be updated on a row-by-row basis.

PF will take ownership of inbound chartfield data from Aspire and will create a table in its data warehouse to receive that data.

The record layout will be determined with DMS and PF personnel during technical development.

Changes may be required to this enhancement upon completion and approval of ADML 031.

Upon successful completion of processing, ADML 1764 will clear all ADML 031 tables used to prepare pro-forma accounting entries (Input tables: FL_PR_TestDat_H and FL_PR_TestDat_L, Output table: FL_PR_Dist_Prvw).

Record Layout

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
<i>Effective Date</i>	<i>Date</i>				<i>Effective Date</i>	<i>MMDDY YYY</i>
<i>Business Unit</i>			<i>Convert the GLBU to OLO using the GL Bridge. Truncate to four characters.</i>		<i>OLO</i>	<i>CHAR 4</i>
<i>Position_Number</i>			<i>Concatenate the first two digits of the OLO and all of the position number</i>		<i>Position</i>	<i>CHAR 8</i>
<i>Account</i>					<i>Account Code</i>	<i>CHAR 27</i>
<i>Alternate Account</i>						
<i>Org (Dept. Chartfield)</i>					<i>Org</i>	<i>CHAR 7</i>
<i>Fund</i>						
<i>Budget Entity</i>						

Conversion/Interface Requirements						
<i>Program Component</i>						
<i>Category</i>						
<i>Year</i>						
<i>Percent</i>				<i>Value used to derive pro-forma accounting entry chartfield values</i>		
<i>Appointment Status</i>				<i>Value used to derive pro-forma accounting entry chartfield values</i>		
<i>Earnings Code</i>				<i>Value used to derive pro-forma accounting entry chartfield values</i>		
<i>Retirement Code</i>				<i>Value used to derive pro-forma accounting entry chartfield values</i>		
<i>Payroll Org</i>				<i>Value used to derive</i>		

Conversion/Interface Requirements						
				<i>pro-forma accounting entry chartfield values</i>		