

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

<b>ADML ID</b>	<b>030</b>
<b>ADML Description</b>	<b>SpeedType Batch Loading to Aspire Interface</b>
<b>ADML Tech #</b>	<b>030</b>

### 2.1 Description Functionality

The State of Florida requires a method to load a large number of SpeedTypes to the Aspire application with out manually entering the SpeedType values individually.

An uploading process (using the delivered PeopleSoft functionality, Component Interface) will be developed to load SpeedType values from a pre-defined file format. The file fields will be listed in the section 2.7 Record Layout in this document. The file format and loading will be developed in the Technical Design Specifications.

The interface will allow new values to be added or update existing values.

### 2.2 Scheduling

This process will use the batch multiple file batch load system. Agencies will place the file into the input directory then, on a nightly schedule, the process will import the file and upload the data to Aspire.

### 2.3 Run Control Parameters

<b>Interface / Conversion Parameters</b>	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>
<i>Attached File</i>	<i>File Location</i>
NA	NA

## 2.4 Unit Test Considerations

- All of the SpeedType values have been created within Aspire
- The SpeedType values can be used in a journal entry
- The SpeedType values can be accessed and modified via the SpeedType entry page.
- The component interface edit checks the individual chartfield values to ensure all values are valid
- This process will perform Combo Edit validation. If errors are found, the process will reject the data on a line by line basis as opposed to rejecting the entire file.

Errors during the loading (invalid values, etc.) are written to an error log

- Validate the file is not empty.
- Validate the OPRCLASS is valid and that users not associated with this class or ID can not access the SpeedType while users associated with the class and ID are able to access the values. The current design is to enter the SpeedType with a blank ID. The security will be driven by the class. The input file will contain the class of the organization that is entering the SpeedType.

## 2.5 Miscellaneous

- Path for manually entering the SpeedTypes is =>
- Setup Financials/Supply Chain > Common Definitions >Design Chartfields > Define Values > Speed Types
- The Page name is SPEEDTYPE for manually loading SpeedTypes.
- The excel spreadsheet used in conjunction with the interface, will reside in a directory and a process will be developed during the Detailed Development Design phase for the use of this interface.

## 2.6 Assumptions

- The file being loaded will need to be in a specific format and the process being used will be an Excel to CI format.
- SpeedType will default to a U – All Users.

- This process will validate the chartfield string with the existing Combo Editing rules.
- All newly created Combo Edit rules have been updated prior to executing this process.

## **2.7 Record Layout**

The specific layout of the file used by the interface will be defined by the Component Interface tool. The layout listed below identifies the fields required for the interface file.

Conversion/Interface Requirements						
SPEEDTYP_TBL						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.field	Field Format / Length
FILE.FILE.SetID	CHAR/5		Pre-defined file template required	Required from Input File	ASPIRE.SPEEDTYP_TBL.SETID	CHAR/5
FILE.FILE.SPEEDTYPE_KEY	CHAR/10		Pre-defined file template required	Required from Input File	ASPIRE.SPEEDTYP_TBL.SPEEDTYPE_KEY	CHAR/10
FILE.FILE.USERID	CHAR/30		Pre-defined file template required	Blank	ASPIRE.SPEEDTYP_TBL.USERID	CHAR/30
FILE.FILE.OPERCLASS	CHAR/30		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.OPERCLASS	CHAR/30
FILE.FILE.DESCR	CHAR/30		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.DESCR	CHAR/10

Conversion/Interface Requirements						
SPEEDTYP_TBL						
<i>FILE.FILE.ACCOUNT</i>	CHAR/10		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.ACCOUNT	CHAR/10
<i>FILE.FILE.ALTACCOUNT</i>	CHAR/10		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.ALTACCOUNT	CHAR/10
<i>FILE.FILE.DEPTID</i>	CHAR/10		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.DEPTID	CHAR/10
<i>FILE.FILE.OPERATING_UNIT</i>	CHAR/8		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.OPERATING_UNIT	CHAR/8
<i>FILE.FILE.PRODUCT</i>	CHAR/6		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.PRODUCT	CHAR/6
<i>ASPIRE.CF14_AN_SBR.FUND_CODE</i>	CHAR/6		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.FUND_CODE	CHAR/6
<i>FILE.FILE.CLASS_FLD</i>	CHAR/10		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.CLASS_FLD	CHAR/10

Conversion/Interface Requirements						
SPEEDTYP_TBL						
FILE.FILE.PROGRAM_CODE	CHAR/5		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.PROGRAM_CODE	CHAR/5
FILE.FILE.BUDGET_REF	CHAR/8		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.BUDGET_REF	CHAR/8
FILE.FILE.AFFILIATE	CHAR/5		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.AFFILIATE	CHAR/5
FILE.FILE.AFFILIATE_INTRA1	CHAR/10		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.AFFILIATE_INTRA1	CHAR/10
FILE.FILE.AFFILIATE_INTRA2	CHAR/10		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.AFFILIATE_INTRA2	CHAR/10
FILE.FILE.CHARTFIELD1	CHAR/10		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.CHARTFIELD1	CHAR/10
FILE.FILE.CHARTFIELD2	CHAR/11		Pre-defined file template required	Optional	ASPIRE.SPEEDTYP_TBL.CHARTFIELD2	CHAR/11

Conversion/Interface Requirements						
SPEEDTYP_TBL						
<i>FILE.FILE.CHARTFIELD3</i>	CHAR/10		<i>Pre-defined file template required</i>	<i>Optional</i>	ASPIRE.SPEEDTYP_TBL.CHARTFIELD3	CHAR/10
<i>FILE.FILE.PROJECT_ID</i>	CHAR/15		<i>Pre-defined file template required</i>	<i>Optional</i>	SPEEDTYP_TBL.PROJECT_ID	CHAR/15
<i>FILE.FILE.CURRENCY_CODE</i>	CHAR/3		<i>Pre-defined file template required</i>	<i>Optional</i>	SPEEDTYP_TBL.CURRENCY_CODE	CHAR/3
<i>FILE.FILE.STATISTICS_CODE</i>	CHAR/3		<i>Pre-defined file template required</i>	<i>Optional</i>	SPEEDTYP_TBL.STATISTICS_CODE	CHAR/3

Conversion/Interface Requirements						
SPEED_USR_TBL						
Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.fie ld	Field Format / Length
<i>FILE.FILE.SetI D</i>	CHAR/5		<i>Pre-defined file template required</i>	<i>Required</i>	ASPIRE.SPEED_USE R_TBL.SETID	CHAR/5
<i>FILE.FILE. SPEEDTYPE_K EY</i>	CHAR/10		<i>Pre-defined file template required</i>	<i>Required</i>	ASPIRE.SPEED_USE R_TBL. SPEEDTYPE_KEY	CHAR/10
<i>FILE.FILE. USERID</i>	CHAR/30		<i>Pre-defined file template required</i>	<i>This field should remain blank to allow the security to be driven by the oprclass field.</i>	ASPIRE.SPEED_USE R_TBL.OPRID	CHAR/30
<i>FILE.FILE. OPERCLASS</i>	CHAR/30		<i>Pre-defined file template required</i>	<i>The operclass associated with the organization that is entering the speedtype.</i>	ASPIRE.SPEED_USE R_TBL. OPERCLASS	CHAR/30

Conversion/Interface Requirements						
SPEED_USR_TBL						
Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.fie ld	Field Format / Length
<i>FILE.FILE.SPE EDTYPE.TYPE</i>	CHAR/1		<i>Pre-defined file template required</i>	<i>Default to U C – One Permission I – Inactivate O – One User U – All users</i>	ASPIRE.SPEED_USE R_TBL.SPEEDTYPE_ TYPE	CHAR/1
<i>FILE.FILE.EFF _STATUS</i>	DATE/10			<i>Default to A</i>	ASPIRE.SPEED_USE R_TBL.EFF_STATUS	DATE/10
<i>FILE.FILE.MO DIFIED_DT</i>	DATE/10			<i>The process should default this field to the date the process was executed.</i>	ASPIRE.SPEED_USE R_TBL.MODIFIED_D T	DATE/10

Conversion/Interface Requirements						
SPEED_USR_TBL						
Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Criteria	Comments	Targetsys.table.fie ld	Field Format / Length
FILE.FILE.CHN G_TIME_VALU E	TIME/15			<i>The process should default this field to the time the process was executed.</i>	ASPIRE.SPEED_USE R_TBL.CHNG_TIME_ VALUE	TIME/15
FILE.FILE.OPR ID_MODIFIED_ BY	CHAR/30			<i>The process should default this value to 'BATCH'</i>	ASPIRE.SPEED_USE R_TBL.OPRID_MODI FIED_BY	CHAR/30

File Input Layout:

Field Name	Length	Start Position	End Position	Constants
SetID	5	1	5	
Name	10	6	15	
Permission List Default is "U"niversal	30	16	45	
SpeedType Type	1	46	46	
Effective Status	1	47	47	
Filler	10	48	57	10 Spaces
Account	10	58	67	
Alt Account	10	68	77	
Org DeptID	10	78	87	
BE Operating Unit	8	88	95	
Category Product	6	96	101	
Budget Entity Affiliate Affiliate 1	10	102	111	
ChartField1	10	112	121	
ChartField2	10	122	131	
Program Component Chartfield 3	10	132	141	
Project	15	142	156	
Fund	7	157	163	
Location Class Fld	10	164	173	
Approp Year Program Code	4	174	177	
Activity Issue Budget Ref	8	178	185	
Affiliate	5	186	190	
Fund Affiliate Intra Affiliate 2	10	191	200	
Currency Code	3	201	203	USD
Statistics Code	3	204	206	3 Spaces
Descr	30	207	236	
Filler	20	237	256	20 Spaces

**Document Version Control**

<b>Version Number</b>	<b>Release Date</b>	<b>Version Number Description</b>	<b>Description of Changes</b>
1			
2			
3			
4			