

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	170
ADML Description	Aspire Deposit Interface
ADML Tech #	164

2.1 Description Functionality

The State of Florida requires an interface to receive deposits from the agency business systems into Aspire. All cash deposits to the Bank of America (BOA) Treasurer's concentration account are required to be entered into Aspire for reconciliation by Treasury. The deposits will consist of cash receipts against account receivables and/or consist of miscellaneous cash receipts (non accounts receivable related deposits). The majority of receipts entered are anticipated to be of the latter form – receipts for which Revenue is not recorded until the deposit is made.

The Aspire accounts receivable application includes a lockbox interface to receive deposits to be processed as cash receipts for accounts receivable items or to be processed as direct journals to the general ledger for miscellaneous receipts.

Deposits, which are to be processed via the deposit interface, will be required to have a deposit number, which the interface file will include. Deposit numbers will not be system generated in Aspire. The number to use will either be the number of the deposit ticket presented to the bank by the agency, or the Payment Reference number of the ACH deposit made to the Treasurer's concentration account. The deposit number field is not included in the delivered lockbox interface record layout. A modification is necessary to add it to the Lockbox Batch record definition. Additionally, the staging tables require modification to include the Deposit number field. The AR25001 SQR requires modification to read the lockbox flat file and populate the deposit number onto the staging tables, the AR_PAYLOAD application engine requires modification as well to populate the Deposit number on the deposit control tables.

The delivered deposit interface uses Batch ID to check that duplicate deposits are not added. The Deposit ID, which is the key field, if not part of the interface file, is assigned as a sequential number, unique for each batch, but not necessarily unique to Aspire. Since the Deposit number must be a unique number to Aspire and should be known to the file originator, the validation for duplicate deposits should be changed to the Deposit number and not the Batch ID. If the Deposit number is missing from the interface file, or already exists in Aspire, then the batch input file should be rejected.

Deposits which are to be processed as cash receipts for accounts receivable items should contain the customer number and invoice number (although not required) to expedite the cash application process by utilizing the functionality provided by the payment predictor. Providing the customer number and invoice number will allow the payment predictor to automatically apply the payments to the invoice (Item) paid, and eliminate any intervention by agency staff.

Deposits to be processed as direct journals will come over utilizing the same lockbox interface used for cash receipts for accounts receivable with the direct journal flag checked on the deposit line. The lockbox interface however, will require a customization in order to accommodate any accounting information provided by the agency business system accompanying each deposit line. The modification will allow for accounting data for the deposit to be captured in the staging tables and eventually stored in the PAY_MISC_DST table. The modification will also set the deposit to complete for processing by the journal generator upon the deposit's reconciliation by Treasury.

The association of the accounting information for a deposit will be an individual decision made by the agency. If the agency decides to have accounting information included with the deposit, they can have final approval by not allowing the completion flag to be checked on the accounting entry. Any errors to the accounting data should be detected and corrected before it is interface into Aspire by the agency business system.

Note: The agency business systems will need to validate all accounting information before it is sent to Aspire via the interface.¹

Users should be able to select only valid BI/AR Accounts and related categories on billing and accounts receivable related pages.

The combinations that are valid for receivable users will be contained on trees developed by the general ledger team for the account (FL_ACCT_TREE) and category (FL_CAT_TREE) chartfields and will contain an AR node. All deposit account and category chartfield combinations should be validated against the above mentioned trees.

Note: *Functional Specification 1947 describes the enhancements to the sub system pages.*

Payment errors will be corrected by accessing the Payment Interfaces Duplicate page and clearing the Hold Duplicate Lockbox check box if the deposit is valid and should be processed. If the deposit is a duplicate it will be deleted by accessing the deposit total page and deleting it. Balancing errors relating to the uneven number of entered payments or uneven control totals will be corrected on the deposit total page.

¹ The conciliator for validating the accounting chart field has not been determined.

As part of the Aspire accounts receivable implementation, enhancement specification FDSE_179_183 has been developed to allow the users the ability to include the remitting customer, and the customer on whose behalf the payment is made. These additional fields will need to be populated in Aspire if the data is available in the file.

The Deposit Type field, which is available on the On-Line Deposit Entry Page, allows an agency to identify the origin or type of a deposit but has no impact on Accounts Receivable processing. This field will be added to the interface file for agencies to achieve the same that are using the interface for Deposit Entry. Treasury will also utilize the Deposit Type field for Bank Reconciliation. Treasury Deposit Types must be setup for all agencies to achieve this and incorporated into Treasury processes that create Deposits.

The AR25001 SQR and AR_PAYLOAD Application Engine are the programs delivered for the Lockbox Interface.

2.1.1 On-line entry of Cash receipts for accounts receivable items populate the following records (Tables):

- Deposit Control
- Payment
- Payment_ID_Cust
- Payment_ID_Item
- Pay_Misc_Dst

The following is a view of the tables and fields updated during manual data entry of cash receipts for accounts receivable items.

Deposit Control

Unit	71000
Deposit ID	0940000332
User	PSFUNC1
Assigned	PSFUNC1
Unit	71000
Type	C
SetID	710000
Bank	BOA

Bank ID	063100277
Account	CONC
Account #	1000004444
Balance	I
Posted	N
Control	100.00
Count	1
Entered	100.00
Count	1
Seq	1
Received	2006-03-13
Entered	2006-03-15
Acctg Date	2006-03-13
Status	N
Status	N
LB Error	N
Format	USD
Rate Type	CRRNT
Pymt Rate Mult	0.00
Pymt Rate Dvsr	1.00
Recon Stat	U
Status	UNR
Stmt ID	0
Cash Cntrl	N
Incl Excl Items	A
Excl Coll Items	N
Excl Ded Items	N
Excl Disp Items	N

Payment

Unit	71000
Deposit ID	0940000332

Seq	1
Payment ID	B060039
Amount	100.00
Status	I
Pay Method	CHK
Entered	2006-03-15
Acctg Date	2006-03-13
Cust_id	N
Postal	N
Remit to	N
CORPACCT	N
MICR	N
OpenItem	N
Document	N
Range	N
CUST IDSEQ	1
ITEM IDSEQ	0
Selected	0.00
Adjusted	0.00
Remaining	100.00
Discount	0.00
Earned	0.00

Unearned	0.00
Status	N
Run Predictor	Y
Discount u	N
W/O Used	N
Write Off	0.00
WO Adj	N
Updated SW	N
Ref Match	E
Algorithm	
Currency	USD
Rate Type	CRRNT
Pymt Rate Mult	1.00
Pymt Rate Dvsr	1.00
Currency	USD
Status	N
Journal	N
Create Pen	A
Cash Cntrl	Y
Level	S
Account #	1000004444
Bank ID	063100277

Status	UNR
Recon Stat	U
Est Settle	2006-03-15
Doc Seq Date	2006-03-15
Complete	T
Data Source	ONL
Budget Check	N

Payment_ID_Cust

Unit	71000
Deposit ID	0940000332
Seq	1
IDSEQ	1
Unit	71000
Customer	000000000000303

Payment_ID_Item

Unit	71000
Deposit ID	0940000332
Seq	1
IDSEQ	1
Item ID	0000678468

Line	0
Unit	71000
Customer	000000000000303
Item Balance	100.00
Discount	N
Dis Status	N
Discount	0.00
Discount A	0.00
Adjust Amount	0.00
Adj Reason	
Entry Type	PY
Reason	
Function	WS-01
AR Dist	AR
Qual Code	I
Amount 1	0.00
Amount 2	0.00
Ref Value	0000678468
Pay Amt	100.00
Disc Base	0.00
Bal Crncy	USD
Currency	USD

Multiplier	1.00
Divisor	1.00
Cur Rate Mult	1.00
Cur Rate Dvsr	1.00
Instance	0
Status	O

Pay_Misc_Dst

Unit	71000	71000
Deposit ID	0940000332	0940000332
Seq	1	1
Line	1	101
Unit	71000	71000
Currency	USD	USD
GL Unit	71000	71000
Fund CC	1000100	1000100
Budget Entity	71200400	71200400
Category	000100	000100
Approp Yr	2006	2006
Account	15101031	11103001
Alt-Acct	15101031	11103001
Org		

Prog Component		
Project		
Location		
Affiliate		
Fund Affil		
Oper Unit Affil		
Activity Issue		
Chartfield 1		
Chartfield 2		
Amount	-100.00	100.00
Stat Amt	0.00	0.00
CF Edit	C	C
Status	N	N
Template	AR_DIRJRNL	AR_DIRJRNL
Acctg Date	2006-03-13	2006-03-13
Amount	-100.00	100.00
Rate Type	CRRNT	CRRNT
Multiplier	1.00	1.00
Divisor	1.00	1.00
Currency	USD	USD
Line Type	L	I
Ledger Grp		ACTUALS

Ledger		ACTUALS
Doc Seq Date	2006-03-13	2006-03-13
N/R	N	N
Budget Check	N	N
Budg Dt	2006-03-13	2006-03-13
Budget Amount	0.00	0.00
Base Amount	0.00	0.00
EE Line Status	N	N
IU Anchor	Y	N
Transaction	ARDJ	ARDJ
Code	TC	TC
Seq Nbr	1	1

2.1.2 On-line entry for deposits for direct journal transactions populates the following records:

- Deposit Control
- Payment
- Payment_ID_Cust
- Pay_Misc_Dst

The following is a view of the tables and fields updated during manual data entry of direct journals.

Deposit Control

Unit	71000
Deposit ID	0940000242
User	PSFUNC1

Assigned	PSFUNC1
Unit	71000
Type	C
SetID	71000
Bank	BOA
Bank ID	063100277
Account	CONC
Account #	1000004444
Balance	I
Posted	N
Control	375.50
Count	1
Entered	375.50
Count	1
Seq	1
Received	2006-03-24
Entered	2006-03-24
Acctg Date	2006-03-24
Status	N
Status	N
LB Error	N
Format	USD
Rate Type	CRRNT
Pymt Rate Mult	0.00
Pymt Rate Dvsr	1.00
Recon Stat	U
Status	UNR
Stmt ID	0
Cash Cntrl	NY
Incl Excl Items	A
Excl Coll Items	N
Excl Ded Items	N
Excl Disp Items	N

Payment

Unit	71000
Deposit ID	0940000242
Seq	1
Payment ID	B06138
Amount	375.50
Status	I
Pay Method	CHK
Entered	2006-03-24
Acctg Date	2006-03-24
Cust_id	N
Postal	N
Remit to	N
CORPACCT	N
MICR	N
OpenItem	N
Document	N
Range	N
CUST IDSEQ	1
ITEM IDSEQ	0
Selected	0.00
Adjusted	0.00

Remaining	375.50
Discount	0.00
Earned	0.00
Unearned	0.00
Status	N
Run Predictor	Y
Discount u	N
W/O Used	N
Write Off	0.00
WO Adj	N
Updated SW	N
Ref Match	E
Algorithm	
Currency	USD
Rate Type	CRRNT
Pymt Rate Mult	1.00
Pymt Rate Dvsr	1.00
Currency	USD
Status	N
Journal	N
Create Pen	A
Cash Cntrl	Y

Level	S
Account #	1000004444
Bank ID	063100277
Status	UNR
Recon Stat	U
Est Settle	2006-03-24
Doc Seq Date	2006-03-24
Complete	T
Data Source	ONL
Budget Check	N

Payment_ID_Cust

Unit	71000
Deposit ID	0940000242
Seq	1
IDSEQ	1
Unit	
Customer	

Pay_Misc_Dst

Unit	71000	71000
Deposit ID	0940000242	0940000242
Seq	1	1
Line	1	101
Unit	71000	71000
Currency	USD	USD
GL Unit	71000	71000
Account	61045009	11103001
Alt-Acct	6000132	11103001
Org		
Budget Entity	71200400	71200400
Category	000100	000100
Fund	1000301	1000301
Location		
Approp Year	2006	2006
Approp	001903	
Affiliate		
Fund Affil		
Oper Unit Affil		
Chartfield 1		
Amount	-375.50	375.50

Stat Amt	0.00	0.00
CF Edit	C	C
Status	N	N
Template	AR_DIRJRNL	AR_DIRJRNL
Acctg Date	2006-03-24	2006-03-24
Amount	-375.50	375.50
Rate Type	CRRNT	CRRNT
Multiplier	1.00	1.00
Divisor	1.00	1.00
Currency	USD	USD
Line Type	U	H
Ledger Grp		ACTUALS
Ledger		ACTUALS
Doc Seq Date	2006-03-24	2006-03-24
N/R	N	N
Budget Check	Y	Y
Budg Dt	2006-03-24	2006-03-24
Budget Amount	-375.50	375.50
Base Amount	-375.50	375.50
EE Line Status	N	N
IU Anchor	N	N
Transaction	ARDJ	ARDJ

Code	TC	TC
Seq Nbr	1	1

2.2 Scheduling

The Lockbox Process and Payment Loader processes will be executed on a daily batch schedule. Certain users may also have the option of running the Lockbox and Payment Loader processes on an ad hoc basis. The decision to provide to provide any ad hoc processing ability will be a management decision.

2.3 Run Control Parameters

The following are the input parameters for running the Lockbox and Payment Loader processes.

Lockbox Process Parameters	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>
(1)Name of Lockbox File	N/A
(2) Process Frequency	Choose one
<i>Parameters (Optional)</i>	<i>Possible Values</i>
N/A	N/A

Payment Loader Process Parameters	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>
Data Sources (choose one)	Lockbox Bank Statement EDI 820 EDI CREEXT
<i>Parameters (Optional)</i>	<i>Possible Values</i>
Match Split Stream Data	Checkbox (Yes/No)
Match Payments Already Loaded	Checkbox (Yes/No)
Match Criteria	EDI Trace Number Payment Amount and Payment ID Date, Amount and Payment ID Customer ID and Payment ID

2.4 Unit Test Considerations

The following are a listing of test conditions that should be considered during unit testing of the interface. The listing below does not represent all test scenarios that may be initiated.

- Process a data file from agency business system to Aspire with correct information provided.
 - Result: The deposits should be created successfully.
- Process a data file from agency business system to Aspire with control totals out of balance.

- Result: Errors should occur and the payment will not be loaded successfully.
- Process a data file from agency business system to Aspire containing customer and invoice numbers.
 - Results: The deposit should be created successfully with the customer and invoice number.
- Process a data file from agency business system to Aspire with General Ledger information
 - Result: The deposit should be created with the general ledger information populated correctly.
- Process a data file from agency business system to Aspire with general ledger information allocated to multiple accounts
 - Result: The deposit should be created with the general ledger information populated correctly.
- Process a data file from agency business system to Aspire with no General Ledger information.
 - Result: The deposits should be created successfully.
- Process a Treasury data file using Treasury Deposit Types for reconciliation.
- Apply an interfaced payment to a customer open item.

2.5 Miscellaneous

The navigation path for Lockbox processing is:

- Accounts Receivable
- Payments
- Electronic Payments
- Retrieve Lockbox Files

The navigation path for the Payment Loader process is:

- Accounts Receivable
- Payments

- Electronic Payments
- Process Payment Interface

The navigation path for manually entering a cash receipt for accounts receivable items is:

- Accounts Receivable
- Payment
- Online Payments
- Regular Deposit

The navigation path for manually entering a direct journal payment is a two-step process:

Step 1 (Entering Cash Receipt)

- Accounts Receivable
- Payment
- Online Payments
- Regular Deposit

Step 2 (Recording Accounting for Deposit)

- Accounts Receivable
- Payment
- Direct Journal Payments

2.6 Assumptions

The following is a listing of the interface assumptions.

1. Agency business systems will provide the data for the interface to Aspire AR.
2. The data is distributed from a flat file through the daily batch schedule.
3. The program will select all data that is provided on the flat file
4. Agency business systems will validate all accounting data prior to interface to Aspire.

2.7 Record Layout

The Agency Cash Deposit Process includes an interface to Aspire. The data file consists of cash receipt data for accounts receivable items and cash receipt data for direct journal accounting information. The file will be uploaded through Aspire and create the deposits.

The data will be provided in a flat file that will be processed by the Lockbox process (AR25001). In order for the data to be successfully selected it will need to be in the following record layouts for the fixed-file format design:

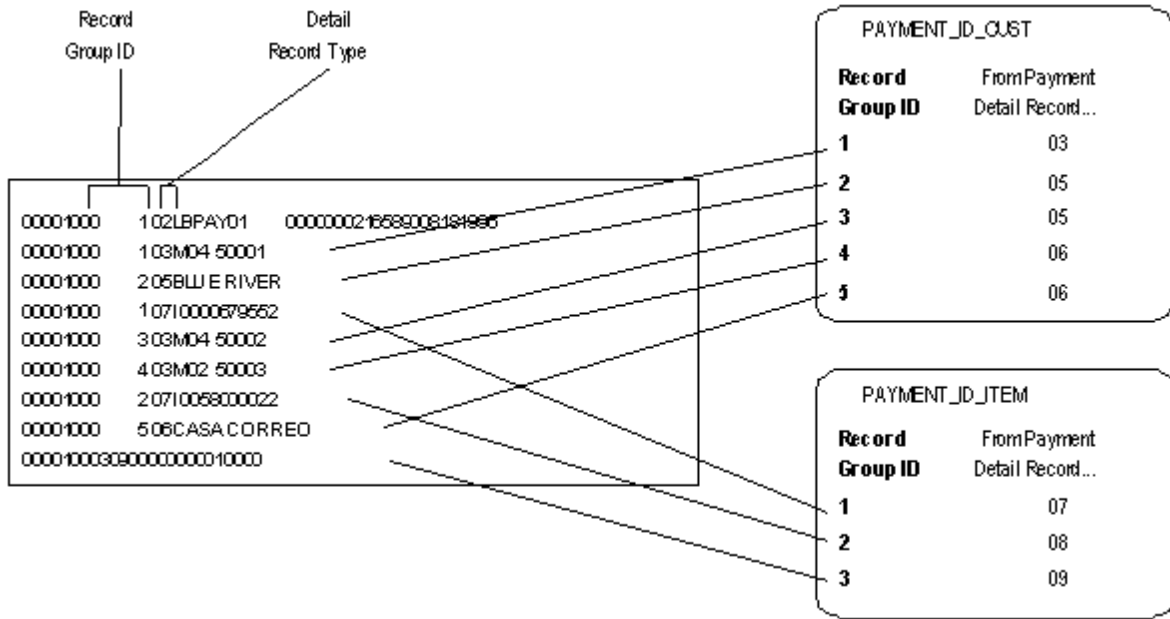
- Header Record
- Service Record
- Lockbox Record
- Batch Record
- Payment Detail 2 (Check Information)
- GL Information Record (new record)

The interface record layout is extensive and you only need to use the pieces that are needed. The record layout is a version of the BAI (Bank Administration Institute) standards, modified to contain all the information that the AR system accepts.

The first four records are control records and contain transmission information such as the number of batches (or deposits) in the file, and the originating bank identifiers. Also, batch information is sent to audit the record count. You can have multiple batches (deposits) in one transmission.

A record group ID is part of the lockbox record layout. It identifies multiple lines of customer information or item information for a single payment. The governing principle in assigning record group IDs is the number of rows that will be inserted into PAYMENT_ID_ITEM and into PAYMENT_ID_CUST, the two records that store item and customer information for payments.

For example, multiple lines of detail records 03, 04, 05, and 06 (the customer payment records) are assigned sequential numbers, beginning with 1, within a single payment. The same assignment occurs for multiple lines for detail records 07, 08, and 09 (the item payment records). So you might have a single payment with record group IDs 1, 2, 3, 4 of customer information (for detail records 03, 04, 05, and 06); for the same payment you might also have record group IDs 1, 2, 3, and 4 of item information (for detail records 07, 08, and 09).



Record Group IDs Assigned To Customer and Item Rows in a Sample Lockbox File

Agencies may record deposits in detail or summary. The purpose of recording deposits is for reconciliation of deposits with treasury and for accounting record keeping.

Detailed deposits are required to liquidate Receivables recorded in Aspire, or if you wish to retain Detailed payment records.

Detailed deposits require the following records at a minimum:

- One Header Record
- One Service Record
- One Lockbox Record
- One Batch Record for each deposit-slip number
- One Payment Record for each payment deposited (check)

If you are recording a Direct Journal deposit entry, then the Revenue side only Accounting Information Record(s) for each Payment Record. Otherwise, if you are liquidating receivables, detailed deposits require two additional records at a minimum:

- Payment Detail 03
- Payment Detail 07

Summary deposits (which should only be for Direct Journal deposits) require the following records at a minimum:

- One Header Record
- One Service Record
- One Lockbox Record
- One Batch Record for each Deposit Number
- One Payment Record for each Deposit Number

The Revenue side only Accounting Information Records for each Payment Record

A Payment Reference Information record is defined as the last required record. There may only be one Payment Reference Information record per Payment Detail 02 record.

The following are the record layouts for the fixed file format design of our lockbox processor.

Header Record (Required), only one Header Record per file

Description	Type	Size	Column	Database Record Field
Record Type, 1 = Header	Char	1	1	Used during processing, Value Always '1'
Destination ID / lockbox recipient	Char	20	2-21	Used during processing, User Defined, Recommend assigning Business Unit
Total number of lockboxes	Num	5	22-26	Used during processing, totaled number of lockbox records. (See below, Recommend One Lock Box record per file.)
Total payment amount	Num	16	27-42	Used during processing, totaled amount from each lockbox record total payment amount
Transmission Date (MMDDYYYY)	Date	8	43-50	LOCKBOX_RUN_LOG.LOCKBOX_TRANS_DT, Must be a unique date for each file sent
Transmission Time (HHMMSS)	Time	6	51-56	LOCKBOX_RUN_LOG.LOCKBOX_TRANS_TIME, Must be a unique time for each file sent

Service Record (Required), only one Service Record per file

Description	Type	Size	Column	Record Field
Record Type, 2 = service	Char	1	1	Used during processing, Value Always '2'
Destination ID / lockbox recipient	Char	20	2-21	Used during processing, User Defined, Recommend assigning Business Unit
Bank Transmission ID	Char	20	22-41	Used during processing, User Defined, Recommend Concatenating Business Unit + Transmission Date + Transmission Time
Service Type, 400 = lockbox	Char	3	42-44	Used during processing, Value always '400'
Record Length (102)	Num	3	45-47	Used during processing, Value always '102'
Characters per block (0102)	Num	4	48-51	Used during processing, Value always '0102'
Format, 1 = Fixed Field Format	Num	1	52	Used during processing,, Value always '1'

Lockbox Record (Required), recommend only one lockbox record per file

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID, User Defined, Recommend assigning Business Unit
Batch ID, unique within batch	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID, Zero fill '00000'
Sequence Num, 0=lockbox record	Num	5	22-26	Used during processing, Zero value Value always 00000,
Record Group ID (0000)	Num	4	27-30	Used during processing, Zero value, Value Always 0000
Detail Record Type	Char	2	31-32	Used during processing, Zero value, Value Always

(00)				00
Total number of batches	Num	6	33-38	LOCKBOX_RUN_LOG.CONTROL_BATCH_CNT, totaled number of batch records
Total payment amount	Num	16	39-54	LOCKBOX_RUN_LOG.CONTROL_PAY_AMT, totaled amount from each batch record total batch amount
Total number of payments	Num	6	55-60	LOCKBOX_RUN_LOG.CONTROL_PAY_CNT, totaled number from each batch record total number of payments
Deposit Business Unit	Char	5	61-65	LOCKBOX_RUN_LOG.DEPOSIT_BU DEPOSIT_CONTROL.DEPOSIT_BU PAYMENT.DEPOSIT_BU PAYMENT_ID_ITEM.DEPOSIT_BU PAYMENT_ID_CUST.DEPOSIT_BU PAY_MISC_DST.DEPOSIT_BU
Bank	Char	20	66-85	DEPOSIT_CONTROL.BNK_ID_NBR, Value provided by treasury
Bank Account	Char	17	86-102	DEPOSIT_CONTROL.BANK_ACCOUNT_NUM, Value provided by treasury for concentration account

Batch Record (Detail Record Type-01, Required), one batch record must be assigned for each deposit/deposit slip number

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID, User Defined, Recommend assigning Business Unit
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID, Recommend sequential counter starting at 1
Sequence Number, 0 = batch record	Num	5	22-26	Used during processing, Value always 00000
Record Group ID (0000)	Num	4	27-30	Used during processing, Value always 0000

Detail Record Type (01)	Char	2	31-32	Used during processing, Value always 01
Total Batch Amount	Num	15	33-47	DEPOSIT_CONTROL.CONTROL_AMT, totaled amount from each payment detail 2 record payment amount
Total number of payments	Num	6	48-53	DEPOSIT_CONTROL.CONTROL_CNT, totaled number of payment detail 2 records for this batch/deposit
Deposit Date (MMDDYYYY)	Date	8	54-61	DEPOSIT_CONTROL.ACCOUNTING_DT
Payment Currency	Char	3	62-64	PAYMENT.PAYMENT_CURRENCY, Default to 'USD'
Deposit Number	Char	15	65-79	DEPOSIT_CONTROL.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.
Deposit Type	Char	1	80	DEPOSIT_CONTROL.DEPOSIT_TYPE, Valid Deposit Type for Deposit Business Unit, validated using DEPOST_TYPE table.

Payment Detail 02 Record (Check Information, Required)

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID, User Defined, Recommend assigning Business Unit
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM, Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing
Record Group ID	Num	4	27-30	Used during processing, Value always 0000
Detail Record Type (02)	Char	2	31-32	Used during processing, Value Always '02'
Payment ID / Check Number	Char	15	33-47	PAYMENT.PAYMENT_ID, Check number for detailed processing, User assigned for Summary

				processing
Payment Amount	Char	14	48-61	PAYMENT.PAYMENT_AMT, Check amount for detailed processing, Deposit Slip amount for summary processing
Payment Date (MMDDYYYY)	Char	8	62-69	PAYMENT.ACCOUNTING_DT, Date to be accrued in General Ledger
Payment Method	Char	3	70-72	PAYMENT.PAYMENT_METHOD, Default to 'CHK'
Payment Currency	Char	3	73-75	PAYMENT.PAYMENT_CURRENCY, Default to 'USD'
Deposit Number	Char	15	76-90	PAYMENT.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.

The following records require the Record Group ID to be populated with a sequential number if the record is used, a sequential number from 0001 through 0004 should be used for payment detail records 03 through 06, a sequential number from 0001 through 0003 should be used for payment detail records 07 through 09. The record group id and payment sequence number represent a collection of records for one payment, for example:

Batch	Payment Sequence	Record Group ID	Detailed Record Type
1	1	0000	02
1	1	0001	03
1	1	0002	04
1	1	0003	05
1	1	0004	06
1	1	0001	07
1	1	0002	08
1	1	0003	09
1	1	0000	A
1	1	0000	B
1	2	0000	02
1	2	0001	03
1	2	0002	04
1	2	0003	05
1	2	0004	06
1	2	0001	07

1	2	0002	08
1	2	0003	09
1	2	0000	A
1	2	0000	B
1	3	0000	02
1	3	0001	03
1	3	0001	07
1	3	0000	A
1	3	0000	B
2	1	0000	02
2	1	0001	03
2	1	0002	04
2	1	0003	05
2	1	0004	06
2	1	0001	07
2	1	0002	08
2	1	0003	09
2	1	0000	A
2	1	0000	B
2	3	0000	02
2	3	0001	03
2	3	0001	07
2	3	0000	A
2	3	0000	B

Payment Detail 03 Record (Customer Information, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM

Record Group ID	Num	4	27-30	PAYMENT_ID_CUST.LOCKBOX_RECGRP_NUM,
Detail Record Type (03)	Char	2	31-32	Used during processing
Customer Business Unit	Char	5	33-37	PAYMENT_ID_CUST.BUSINESS_UNIT, Required if record used
Customer ID	Char	13	38-50	PAYMENT_ID_CUST.CUST_ID, Required if record used
MICR Number	Char	30	51-80	PAYMENT_ID_CUST.MICR_ID, Not Required
Deposit Number	Char	15	81-95	PAYMENT_ID_CUST.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.

Payment Detail 04 Record (Customer Information, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_CUST.LOCKBOX_RECGRP_NUM
Detail Record Type (04)	Char	2	31-32	Used during processing, Value Always '04'
Remit From setID	Char	5	33-37	PAYMENT_ID_CUST.REMIT_FROM_SETID, Required if record used, Setid is same as business unit value
Remit From Customer ID	Char	15	38-52	PAYMENT_ID_CUST.REMIT_FROM_CUST_ID, Required if record used, must be valid Customer ID in Aspire

Description	Type	Size	Column	Record Field
Corporate setID	Char	5	53-57	PAYMENT_ID_CUST.CORPORATE_SETID, Not Required
Corporate Customer ID	Char	15	58-72	PAYMENT_ID_CUST.CORPORATE_CUST_ID, Not Required
Deposit Number	Char	15	73-87	PAYMENT_ID_CUST.DEPOSIT_ID Deposit Number or Payment Reference for ACH deposits.

Payment Detail 05 Record (Customer Information, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID,
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_CUST.LOCKBOX_RECGRP_NUM
Detail Record Type (05)	Char	2	31-32	Used during processing, Value Always '05'
Remit From Customer Name	Char	39	33-71	PAYMENT_ID_CUST.NAME1, required if record used
D&B Number	Char	9	72-80	PAYMENT_ID_CUST.DB_NUMBER, Not Required
Deposit Number	Char	15	81-95	PAYMENT_ID_CUST.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.

Payment Detail 06 Record (Customer Information, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	2	1	Used during processing
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_CUST.LOCKBOX_RECGRP_NUM
Detail Record Type (06)	Char	2	31-32	Used during processing
Customer City	Char	30	33-62	PAYMENT_ID_CUST.CITY, required if record used
Customer Postal	Char	12	63-74	PAYMENT_ID_CUST.POSTAL, required if record used
Deposit Number	Char	15	75-89	PAYMENT_ID_CUST.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.

Payment Detail 07 Record (Invoice Information, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_ITEM.LOCKBOX_RECGRP_NUM

Description	Type	Size	Column	Record Field
Detail Record Type (07)	Char	2	31-32	Used during processing, Value Always '07'
Reference Qualifier	Char	2	33-34	PAYMENT_ID_ITEM.REF_QUALIFIER_CODE, Assign 'I' for Invoice
Reference Value	Char	30	35-64	PAYMENT_ID_ITEM.REF_VALUE, Value is Invoice number in Aspire to be liquidated
Item Line	Num	6	65-70	PAYMENT_ID_ITEM.DEPOSIT_ID, Deposit Slip Number, or Bank Reference Deposit I.D. for EFT deposits.ITEM_LINE

Payment Detail 8 (Invoice Information, Optional), One to One relationship with the Payment Detail 2 record

Entry Event	Char	10	71-80	PAYMENT_ID_ITEM.ENTRY_EVENT
Deposit Number	Char	1	81-95	PAYMENT_ID_ITEM.DEPOSIT_ID Deposit Slip or Payment Reference for ACH deposits.

Payment Detail 08 Record (Invoice Information, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_ITEM.LOCKBOX_RECGRP_NUM
Detail Record Type (08)	Char	2	31-32	Used during processing, Value Always '08'
Total Invoice Amt	Num	14	33-46	PAYMENT_ID_ITEM.ITEM_AMT, Total Amount of Original Invoice in Aspire
Amount of Invoice Paid	Num	14	47-60	PAYMENT_ID_ITEM.PAY_AMT, payment Amount

Description	Type	Size	Column	Record Field
Discount Amount Taken	Num	12	61-72	PAYMENT_ID_ITEM.DISC_TAKEN, discount amount
Invoice Date (MMDDYYYY)	Date	8	73-80	PAYMENT_ID_ITEM.ITEM_DT, Original Invoice Date in Aspire
Deposit Number	Char	15	81-95	PAYMENT_ID_ITEM.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.

Payment Detail 09 Record (Invoice Information, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_ITEM.LOCKBOX_RECGRP_NUM
Detail Record Type (09)	Char	2	31-32	Used during processing, Value Always '09'
Adjustment Amount	Num	14	33-46	PAYMENT_ID_ITEM.ADJUSTMENT_AMT, Amount to adjust or write-off
Adjustment Entry Reason	Char	2	47-48	PAYMENT_ID_ITEM.ADJUSTMENT_REASON, Valid reason code values from Aspire
Reference Customer ID	Char	15	49-63	PAYMENT_ID_ITEM.CUST_ID, Valid customer ID from Aspire
Deposit Number	Char	15	64-79	PAYMENT_ID_ITEM.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.

Payment Detail 0A Record (Accounting Information, Optional), Many to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_ITEM.LOCKBOX_RECGRP_NUM
Detail Record Type (0A)	Char	2	31-32	Used during processing, Value Always '0A' [zero A]
Deposit Number	Char	15	33-47	PAY_MISC_DST.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.
See below				

Payment Detail 0B Record (Reference Fields, Optional), One to One relationship with the Payment Detail 02 Record

Description	Type	Size	Column	Record Field
Record Type, 3 = Detail	Char	1	1	Used during processing, Value Always '3'
Lockbox ID	Char	15	2-16	LOCKBOX_RUN_LOG.LOCKBOX_ID
Batch ID	Char	5	17-21	DEPOSIT_CONTROL.LOCKBOX_BATCH_ID
Payment Sequence Number	Num	5	22-26	PAYMENT.PAYMENT_SEQ_NUM PAYMENT_ID_CUST.PAYMENT_SEQ_NUM
Record Group ID	Num	4	27-30	PAYMENT_ID_ITEM.LOCKBOX_RECGRP_NUM
Detail Record Type	Char	2	31-32	Used during processing, Value Always '0B' [zero B]

Description	Type	Size	Column	Record Field
(0B)				
Deposit Number	Char	15	33-47	FL_PYMNT_COMMENTS.DEPOSIT_ID, Deposit Slip Number, or BankPayment Reference Deposit I.D. for EFTACH deposits.
See Below				

Interface Requirements

Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			<i>New Record A</i> <i>Detail = 3</i>	<i>GL Account Info</i>	<i>Record Type</i>	<i>Char/1</i>
				<i>GL Account Info</i>	<i>Lockbox ID</i>	<i>Char/15</i>
				<i>GL Account Info</i>	<i>Batch ID</i>	<i>Char/5</i>
				<i>GL Account Info</i>	<i>Payment Sequence Number</i>	<i>Num/6</i>
				<i>GL Account Info</i>	<i>Record Group ID</i>	<i>Num/4</i>
				<i>GL Account Info</i>	<i>Detail Record Type</i>	<i>Char/2</i>
				<i>GL Account Info</i>	<i>Deposit Number</i>	<i>Char/15</i>
				<i>GL Account Info</i>	<i>Distribution Sequence Number</i>	<i>Nbr/3</i>
				<i>GL Account Info</i>	<i>Business Unit GL</i>	<i>Char/5</i>

Interface Requirements

Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
				<i>GL Account Info</i>	<i>Account</i>	<i>Char/8</i>
				<i>GL Account Info</i>	<i>Alt Acct</i>	<i>Char/8</i>
				<i>GL Account Info</i>	<i>Dept ID (Org)</i>	<i>Char/7</i>
				<i>GL Account Info</i>	<i>Operating Unit (Budget Entity)</i>	<i>Char/8</i>
				<i>GL Account Info</i>	<i>Product (Category)</i>	<i>Char/6</i>
				<i>GL Account Info</i>	<i>Fund Code (Fund CC)</i>	<i>Char/7</i>
				<i>GL Account Info</i>	<i>Class Field (Location)</i>	<i>Char/5</i>
				<i>GL Account Info</i>	<i>Program Code (Approp Year)</i>	<i>Char/4</i>
				<i>GL Account Info</i>	<i>Bud Ref (Activity Issue)</i>	<i>Char/7</i>

Interface Requirements

Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
				<i>GL Account Info</i>	<i>Affiliate</i>	<i>Char/5</i>
				<i>GL Account Info</i>	<i>Affiliate Intra1 (Fund Affiliate)</i>	<i>Char/10</i>
				<i>GL Account Info</i>	<i>Affiliate Intra2 (Operating Unit Affiliate)</i>	<i>Char/10</i>
				<i>GL Account Info</i>	<i>Chartfield1</i>	<i>Char/10</i>
				<i>GL Account Info</i>	<i>Chartfield2</i>	<i>Char/10</i>
				<i>GL Account Info</i>	<i>Chartfield3 (Prog Component)</i>	<i>Char/10</i>
				<i>GL Account Info</i>	<i>Project_Id (Project)</i>	<i>Char/15</i>
				<i>GL Account Info</i>	<i>Complete</i>	<i>Char/1</i>
				<i>GL Account Info</i>	<i>Amount</i>	<i>Nbr/14</i>

Interface Requirements

Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			<i>New Record B</i> <i>Detail = 3</i>	<i>Payment Ref Info</i>	<i>Record Type</i>	<i>Char/1</i>
				<i>Payment Ref Info</i>	<i>Lockbox ID</i>	<i>Char/15</i>
				<i>Payment Ref Info</i>	<i>Batch ID</i>	<i>Char/5</i>
				<i>Payment Ref Info</i>	<i>Payment Sequence Number</i>	<i>Num/6</i>
				<i>Payment Ref Info</i>	<i>Record Group ID</i>	<i>Num/4</i>
				<i>Payment Ref Info</i>	<i>Detail Record Type</i>	<i>Char/2</i>
				<i>Payment Ref Info</i>	<i>Deposit Number</i>	<i>Char/15</i>
				<i>Payment Ref Info</i>	<i>Payee Name</i>	<i>Char/15</i>
				<i>Payment Ref Info</i>	<i>Remitter Name</i>	<i>Char/15</i>
				<i>Payment Ref Info</i>	<i>Voucher Number</i>	<i>Char/15</i>

Interface Requirements

Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
				<i>Payment Ref Info</i>	<i>Comment</i>	<i>Char/30</i>