

3.0 Appendix B – Project Aspire Enhancement Functional Design

ADML ID	184
ADML Description	View Deposit’s Reconciliation Status
ADML Tech#	178

3.1 Background

3.1.1 Functional Requirement

Agencies need the ability to determine deposit statuses online. The future business process for managing cash receipts for accounts receivable requires that agencies apply the payments to increase their fund cash when the deposits are reconciled by Treasury. Therefore, one of the requirements is to provide a page that agencies can use to view deposit statuses. This will allow agencies to easily identify when a particular payment has been reconciled by Treasury.

The inquiry page that would be developed would also provide the users with a vehicle to inquire on payments to answer calls and questions from other agencies and customers regarding those payments.

Requirement: CRA-002

CRA-003

3.1.2 Delivered Functionality

Aspire does not provide an online payment inquiry page to allow users to view the reconciliation status of deposits online. Delivered are following deposit inquiry pages:

Page Name	Navigation	Usage
All Deposits	Accounts Receivables, Payments, Review Payments, All Deposits	View details about a specific deposit ID (including control totals and status) or scan all deposits, one at a time.
Payment Status	<ul style="list-style-type: none"> • Accounts Receivable, Payments, Review Payments, All Payments • Accounts Receivable, Payments, Review 	View status of a specific payment.

Page Name	Navigation	Usage
	Payments, Payment Status	
Item Activity From Payment	Accounts Receivable, Receivables Update, Posting Results - Payments, Item Activity From Payment	Review all items paid by a single payment.
By Business Unit	Accounts Receivable, Payments, Review Payments, By Unit	View cash received by one business unit or scan all business units, one at a time.
By Bank Account	Accounts Receivable, Payments, Review Payments, By Bank Account	Reconcile your database with information received from the bank.
Incomplete Deposits	Accounts Receivable, Payments, Review Payments , Incomplete Deposits	View posted and unposted deposits that are not yet completely processed. View the payment amount in a deposit that is still in process, summarize out-of-balance deposits (only), or look at the list of incomplete deposits by user.
Incomplete Payments	Accounts Receivable, Payments, Review Payments, Incomplete Payments	View payments that are not complete (not yet posted).
Deposit Accounting Entries	Accounts Receivable, Payments, Review Payments, Deposit Accounting Entries	View payments accounting entries.
Payments Set to Post	Accounts Receivable, Payments, Review Payments, Payments Set to Post	View payments set to post.

3.1.3 Gap Description

Aspire does not provide a delivered mechanism for viewing deposit reconciliation (verification) statuses. Agencies need the ability to determine deposit reconciliation statuses online. The future business process for managing cash receipts for accounts receivables requires that agencies apply the payments to increase their fund cash after reconciliation by Treasury.

3.2 Description of New Functionality

An inquiry page will be created that will allow the users to retrieve reconciled payment information. If the Treasury has reconciled the payment, then the Payment.Recon_Status will equal 'REC'. All payments that have not been reconciled will have a status of 'UNR'.

The new online page will have a criteria page that will be filled out by the user upon entering the page. After the user has entered the criteria, they will click the search button and the page will return the results.

The search criteria fields will be as follows:

Deposit BU (Payment.Deposit_BU) – this field is required

Deposit ID (Payment.Deposit_ID)

From Date/To Date (Payment.Entry_Dt)

Reconciled (default to checked) vs. Unreconciled (Payment.Recon_Status)

Customer SetID (Payment.Remit_From_SetID) – Will be used for searches involving accounts receivable customers only

Customer ID (Payment.Remit_From_Cust_ID) – Will be used for searches involving accounts receivable customers only

Customer (See spec for ADML 183)

Remitter (See spec for ADML 183)

Payment Reference Number (Payment.Payment_ID)

Users will be required to populate at least two (2) fields on the search criteria page. The Deposit BU field on the search criteria will be required at all times. If the Deposit BU is not selected the user will receive an error message. The From Date and To Date fields will defaulted with the previous days date. Only if the users clear the date field and no other field has a value will an error message display required a second field be populated.

When selecting the Customer or Remitter fields on the search page, users will be required to populate the From Date and To Date fields. This is being done as a safe guard to aid in search retrieval time, as the Payee and Payer fields are not indexed. Also, users should be required to populate the Customer ID when selecting the Customer SETID.

The select statement will be constructed based on the values that are populated on the criteria page. After the search criteria are entered by the user they will click the search button and return all of the rows that match the criteria.

The search results should contain the following deposit information:

- Deposit ID (Deposit_Control.Deposit_ID)
- Deposit Date (Deposit_Control.Entry_DT)

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- Number of Items ((Sum of Deposit_Control.Control_CNT)
 - Number of Items Reconciled (Sum of Calculation of Control_CNT less the number of item marked “REC” for the deposit)
 - Sum of the Payment Amount (Sum of Deposit_Control.Control_Amt)

The fields that will be retrieved on the Inquiry Page are as follows:

- Detail – fields that should be returned when a record is selected from the search results.
 - Deposit BU (Payment.Deposit_BU)
 - Deposit ID (Payment.Deposit_ID)
 - Payment Sequence Number (Payment.Payment_Seq_Num)
 - Reconciliation Status (Payment.Recon_Status)
 - Customer ID (Payment.Remit_From_Cust_ID) – Will be used for searches involving accounts receivable customers only
 - Payee - Customer Name (See spec for ADML 183)
 - Payer - Remitter Name (See spec for ADML 183)
 - Payment ID (Payment.Payment_ID)
 - Payment Amount (Payment.Payment_Amt)
 - Payment Status (Payment.Payment_Status)
 - Payment Method (Payment.Payment_Method)
 - Comments (See spec for ADML 183)
- Page Footer - fields that should be returned as subtotals at the Bottom of the detail display page upon execution of the inquiry.
 - Number of Items (Sum of Deposit_Control.Control_Cnt)
 - Number of Items Reconciled (Sum of Calculation of Control_Cnt less the number of item marked “REC” for the deposit)
 - Sum of the Payment Amount (Sum of Deposit_Control.Control_Amt)

3.3 Navigation path

Accounts Receivable / Payments / Payments Recon Inquiry

3.4 Set Up/Control Data

N/A

3.5 Application Changes (e.g., Pages, Components, Menus, Records, App Engines, SQRs, etc.)

New Inquiry page will be created:

An inquiry page will be created that will allow the users to retrieve payment information. The new online inquiry page will have a criteria page that will be filled out by the user. After the user has entered the criteria, they will click the search button and the page will return the results.

3.6 Unit Test Considerations

The Unit test for this modification will include accessing this inquiry page and returning various deposit types.

- Enter in a valid Deposit BU; select the Search button.
 - Result: All of the reconciled payments for the specified Deposit BU are retrieved on the page and that the from and to dates show the previous days date.
- Do not enter in a Deposit BU; select the Search button.
 - Result: An error message will appear that will state that the Deposit BU is a required field.
- Enter a Deposit BU and clear the From and To date fields.
 - Results: An error message should appear requiring the user to populate an additional field.
- Enter in a valid Deposit BU and valid Deposit ID; select the search button.
 - Result: All of the reconciled payments for the specified Deposit BU/ Deposit ID are retrieved on the page.
- Enter in a valid Deposit BU and From/To Dates; select the search button.

- Result: All of the reconciled payments for the Deposit BU that were entered between the From and To dates are retrieved on the page.

3.7 Miscellaneous

It has also been discussed that a report or query may be created in addition to the online inquiry page proposed in this specification. [Requirements CRA-002 and CRA-003 both refer to online displays]

3.8 Assumptions

N/A