

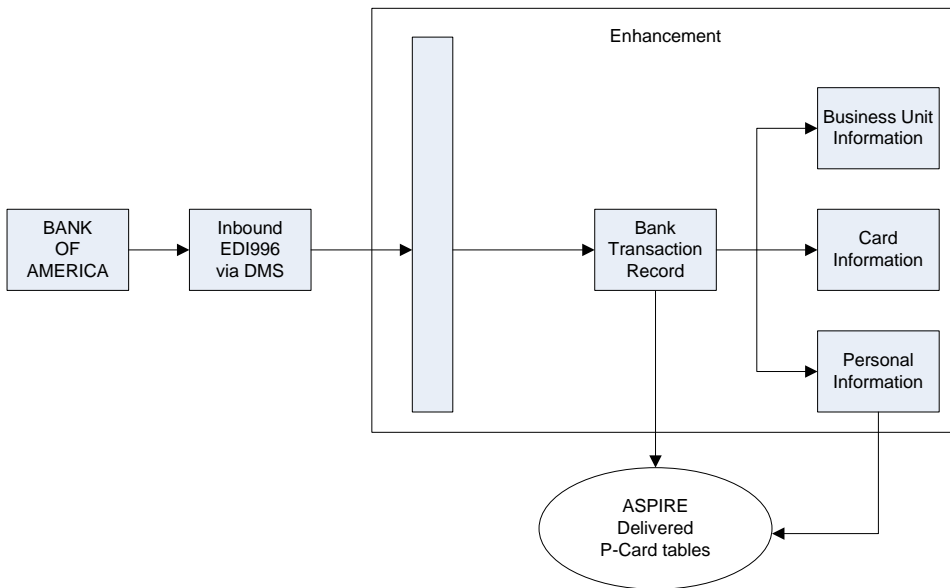
2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

| | |
|-------------------------|-----------------------------------|
| ADML ID | 096 |
| ADML Description | P-Card User Profile Upload |
| ADML Tech # | 094 |

2.1 Description Functionality

In Aspire, an enhancement will be developed to maintain P-Card information and automatically send this information to the bank (P-Card provider), Bank of America, for processing. Once the bank processes the information, such as new card requests or changes to credit limits, they will send a response message back to the State. This specification discusses how Aspire will receive the inbound interface from the bank and how the information will be processed once it is received. For details concerning the enhancement and the outbound interface, please refer to ADML 134.

The following diagram provides an overview of how the inbound interface will work:



As shown in the diagram above, when the State initially receives the response message from the bank, it will be routed through DMS to translate the inbound EDI 996 file into a flat file that Aspire can read (see below for details on the inbound EDI 996 file.). The data in the flat file will then be used to update the Bank Transaction Record (FL_PC_BANK_TRANS_EC), based on the original message ID. It will set the “Response Received” flag to ‘Y’ and populate the “Response Date” field with the current date/time. If the response message is for a new card request, this record will also be updated with the new credit card number.

Once the Bank Transaction record is updated, the P-Card maintenance tables (Business Unit Information, Card Information, and Personal Information) will need to be updated with the appropriate status. In the case of new card requests, the Card Information table will also need to be updated with the new credit card number.

The statuses are as follows:

Pending Approval – The new card request has been sent to the bank, but is pending approval. Aspire is still awaiting the response from the bank and no changes can be made to the record at this time.

Active – The initial card approval has been received from the bank. The card number has been defined and no other changes are pending with the bank. All the fields are open for editing.

Processing Changes – Changes to an existing card or to personal information have been submitted to the bank and are still pending. The fields are open for editing to allow for multiple changes at once. Once the responses for all changes have been received from the bank, the status -is changed to Active.

Inactive – All fields are in display-only mode. Card is not in use.

In addition, Aspire’s delivered Cardholder Profile tables (CC_CARD_DATA_EX and CC_CARD_DATA) will need to be populated or updated, depending on if it is a new card or an existing card. In either case, the Employee ID will need to be pulled from the Bank Transaction Record in order to create or update the record. Since one Employee ID can have multiple card numbers, the card number will also need to be used as a key field for updates to existing card information.

EDI 996 Inbound Flat File

- a) Destination
- b) Sender

- c) Message ID
- d) Message Type
- e) Version
- f) Processing Indicator
- g) Date (MM/DD/YYYY)
- h) Time (HH:MM:SS)
- i) Reserved
- j) Sender
- k) Original Message ID
- l) Approval Code
- m) New Account Number
- n) Description

2.2 Scheduling

Nightly Batch

2.3 Run Control Parameters

N/A

| Interface / Conversion Parameters | |
|--|---------------------------------------|
| <i>Parameters (Required)</i> | <i>Possible Values (Prompt Table)</i> |
| <i>Parameters (Optional)</i> | <i>Possible Values</i> |
| | |

2.4 Unit Test Considerations

- Validate that the Bank Transaction Record is updated appropriately when a response is received from bank.

- Validate that the appropriate statuses are assigned to the P-Card maintenance tables when a response is received from the bank.
- Validate that the delivered Cardholder Profile records are updated appropriately upon new card requests and changes to existing cards.

2.5 Miscellaneous

- Please see ADML 134 and its attachments for more details on the outbound interface and its enhancements. The enhancements include the Business Unit information, Card Information, and Personal Information pages and associated records, as well as the Bank Transaction Record.
- 996 In-bound exceptions report should be generated.

2.6 Assumptions

- The credit card number will be encrypted at the database level as it is in the current system.
- The employee ID's for all P-Card holders will be entered into Aspire via the interface developed from ADML 033.

2.7 Record Layout

See the attached file.



C:\Documents and
Settings\Administrato

Document Version Control

| Version Number | Release Date | Version Number Description | Description of Changes |
|-----------------------|---------------------|-----------------------------------|------------------------------------|
| QA1 | 08/09/04 | Baseline | |
| QA2 | 08/11/04 | QA Walkthrough | Update per QA Walkthrough comments |
| | | | |