

3.4 Financial Services Subsystem

3.4.1 Description

The Financial Services subsystem will provide a centralized point for disbursing and recording payables and receivables from and to the Department of Education/OPE/SFA.

As such, this subsystem will verify fund availability and will provide budgeting information for various programs. The subsystem will provide school drawdown information and certified payment requests to the Department of Education's Chief Financial Office, and receive in return trace numbers for the payment requests and payment rejects.

The subsystem will also process repayment information, update the ledgers and send summarized repayment information to the Department of Education's Chief Financial Office.

In addition, this subsystem will record the total service usage incurred (e.g., for Title IV WAN usage) by schools, school servicers, guaranty agencies, guaranty agency servicers and any third party who should be charged and will calculate and bill the system users for the costs incurred.

The Financial Services Subsystem will perform the following functions:

- Maintains account receivable records, such as loan repayment transactions and interest payments.
- Maintains account payable records, such as school drawdown information.
- Performs school disbursement ledgers and collections, and maintains audit trail information on financial transactions.
- Manages fund appropriations, allotment and account balances for each aid program.
- Tracks costs for systems services usage incurred by aid organizations, such as schools, lenders, and guaranty agencies.
- Generates the bill for the systems users and the processed the payment received for system usage.

A graphical representation of the processes that comprise the Financial Services Subsystem and its associated external entities can be found in **Exhibit 3.4-1 Financial Services Subsystem**.

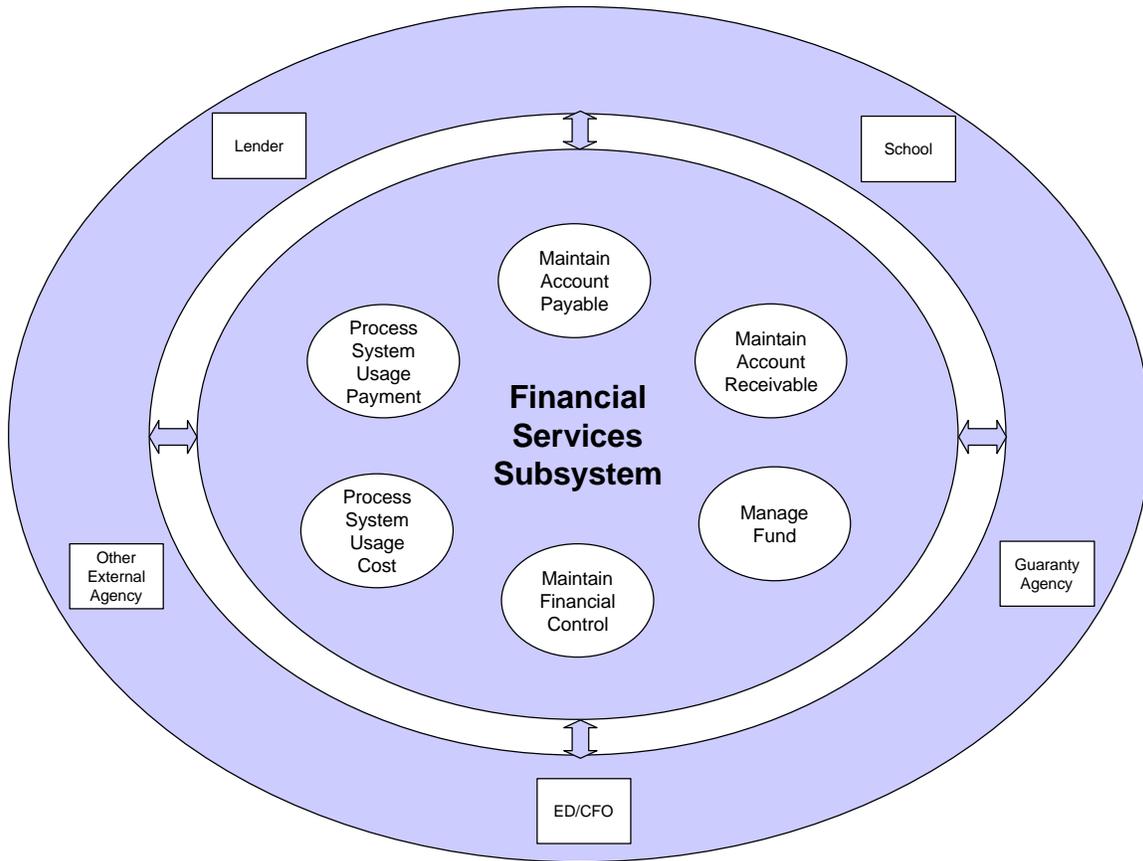


Exhibit 3.4-1 Financial Services Subsystem

An index of each of the processes is included below for easy reference.

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3.4.2 Subsystem Processes and Requirements

This section contains the list of processes comprising the Financial Services Subsystem and the business requirements supporting the functionality of each process.

<u>Process</u>	<u>Definition</u>
Maintain Account Payable	This activity maintains accounts receivable records, such as loan repayment transactions and interest payments.
1220	The system shall apply disbursements, adjustments, and cancellations to achieve an accurate daily net settlement.
1300	The system shall maintain school disbursement ledgers to show a complete record of all disbursements to, and collections from, a school.
5030	The system shall process adjustments to existing payable transactions.
5050	The system shall send drawdown information to ED/CFO for the Direct Loan, Pell Grant, Perkins Loan, FSEOG, FWS, and SSIG programs.
5190	The system shall ensure the clerical accuracy of schedules of accounts payable.
5270	The system shall receive transaction and balance information from ED/CFO.
5290	The system shall automatically reconcile transactions with the appropriate program level detail or general ledger at the appropriate level of detail for the respective program.
5300	The system shall allow expenditures to move between award years and programs.

<u>Process</u>	<u>Definition</u>
Maintain Account Receivable	This activity maintains accounts payable records, school drawdown information, and sends school drawdown information to ED/CFO.
1220	The system shall apply disbursements, adjustments, and cancellations to achieve an accurate daily net settlement.
1310	The system shall maintain records of financial aid receivables and balances due from schools to ED by program, by year, by school, and by student.
5020	The system shall process adjustments to existing receivable transactions.
5140	The system shall ensure the clerical accuracy of records and supporting schedules of receivables and records of events giving rise to receivables.
5150	The system shall age loans and accounts receivables.

- 5170 The system shall maintain valuation of loans and for accounts receivables at net realizable value.
- 5200 The system shall record the receipt of payment against receivables.
- 5230 The system shall receive and post returned funds.
- 5240 The system shall send returned fund information to ED/CFO.

Process

Definition

Maintain Financial Control

This activity performs financial control activities such as school disbursement ledgers and collections, and maintains audit trail information of all financial transactions sent to and received from ED/CFO, ED/Budget, and AFMS.

- 1370 The system shall produce specified reports that meet Federal account requirements and Federally mandated school reporting requirements from data in the transaction histories.
- 5040 The system shall send summarized repayment information to ED/CFO.
- 5050 The system shall send drawdown information to ED/CFO for the Direct Loan, Pell Grant, Perkins Loan, FSEOG, FWS, and SSIG programs.
- 5052 The system shall transmit payment requests to ED/CFO.
- 5060 The system shall receive Treasury trace numbers and payment rejects from ED/CFO.
- 5110 The system shall maintain a record of interface transactions sent to and received from AFMS.
- 5120 The system shall maintain a record of interface transactions sent to and received from ED/CFO.
- 5130 The system shall maintain a record of interface transactions sent to and received from ED Budget.
- 5220 The system shall reconcile budgetary account balances with program level budget information on a real-time basis.
- 5250 The system shall aggregate student transaction information to the school and program award year level.
- 5270 The system shall receive transaction and balance information from ED/CFO.
- 5320 The system shall track debits and credits on the GA and Lender level for FFELP.
- 5322 The system shall track debits and credits on the student level for Direct Loans, loans assigned to ED for debt collection, and for Pell Grants.

5324 The system shall track debits and credits on the school level for Campus Based programs and for Direct Loans.

Process

Definition

Manage Fund

This activity received funding information from ED/CFO and manages fund appropriations, allotment, and balance for each aid program.

- 1300 The system shall maintain school disbursement ledgers to show a complete record of all disbursements to, and collections from, a school.
- 1602 The system shall maintain warehoused payment authorizations and, at the appropriate time, generate payment requests.
- 1618 The system shall verify the availability of aid program funds when approving a payment request. Once the payment request has been approved, the available fund balance for that aid program will be reduced by the amount of the payment.
- 5000 The system shall receive allotment information from ED/CFO/Budget.
- 5010 The system shall maintain aid program allotment information.
- 5080 The system shall maintain budgetary account balances at the level of detail required to meet program reporting requirements.
- 5220 The system shall reconcile budgetary account balances with program level budget information on a real-time basis.

Process

Definition

Process System Usage Cost

This activity tracks the costs for systems services usage incurred by aid organizations, such as schools, lenders, and guaranty agencies.

- 5070.01 The system shall calculate the costs charged to schools, lenders, guaranty agencies, and other entities (including state agencies and private agencies) for system services usage.

Process

Definition

Process System Usage Payment

This activity generates the bill for the system users and processes the payments received for system usage.

5070.02 The system shall process billing for systems services usage.

5070.03 The system shall process payments for systems services usage.

5160 The system shall prepare invoices for loans and for accounts receivables.

3.4.3 External Interfaces

The following diagrams display the data flows exchanged between each process in the Financial Services Subsystem and the external entities. Detailed information regarding the data flows presented in each diagram is listed subsequent to the diagram.

3.4.3.1 Data Flow Diagrams

The following diagram presents the flows of information exchanged between the Maintain Account Payable process and the postsecondary education community.

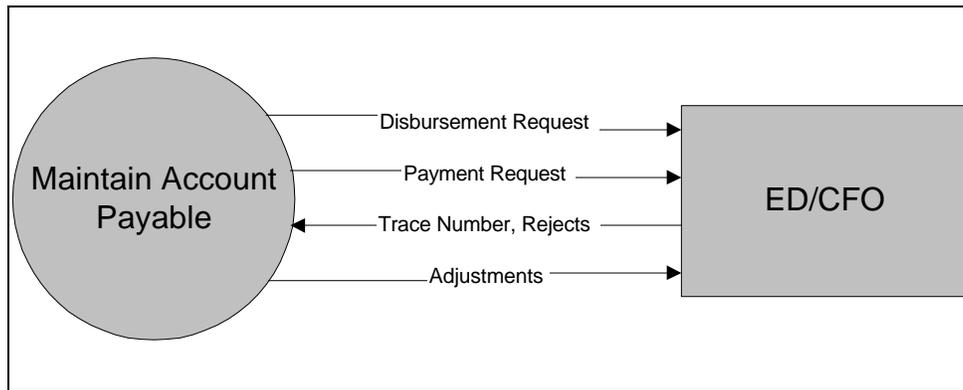


Exhibit 3.4.3-1 Maintain Account Payable

Flow Name: Adjustments

Definition: This is information from EASI/ED to the ED CFO regarding any changes in payment that need to be made.

To ED/CFO From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AWARD INFORMATION

AWARD NUMBER

AID / AID_ID

LEDGER INFORMATION

ADJUSTED AMOUNT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

ADJUSTMENT REASON

AID_ACCOUNT_TRANSACTION /
AID_TRXN_CAT

SCHOOL INFORMATION

DUNS NUMBER

SCHOOL / DUNS_NMBR

Flow Name: Disbursement Request

Definition: This is a request from EASI/ED to the ED/CFO to release funds directly to the student or to the student via the school. This will also include any payments which need to be made on behalf of EASI/ED such as payments made to the lender for FISL claims.

To ED/CFO From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

DATE OF DISBURSEMENT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_DATE

PARTICIPANT'S BANK INFORMATION

AID_PARTICIPANT /
BANK_ACCT_NMBR

AID_PARTICIPANT / BANK_NAME

AID_PARTICIPANT /
BANK_ROUTING_NMBR

AWARD INFORMATION

AWARD NUMBER

AID / AID_ID

LEDGER INFORMATION

DISBURSEMENT AMOUNT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

SCHOOL INFORMATION

SCHOOL'S DUN'S NUMBER

SCHOOL / DUNS_NMBR

STUDENT ID

PARTICIPANT / PARTICIPANT_ID

TITLE IV INFORMATION

PROGRAM

AID_PROGRAM / AID_PGM_NAME

Flow Name: Payment Request

Definition: A request to ED/CFO that a payment be made to an aid organization.

To ED/CFO From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

TAX ID NUMBER	SCHOOL / TIN_NMBR
AWARD INFORMATION	
AWARD NUMBER	AID_PROGRAM / PGM_ID
	AWARD / APPLICABLE_AWARD_YR_NMBR
FISCAL YEAR	AWARD / APPLICABLE_AWARD_YR_NMBR
REASON	AID_ACCOUNT_TRANSACTION / AID_TRXN_CAT
LEDGER INFORMATION	
AMOUNT	AID_ACCOUNT_TRANSACTION / AID_TRXN_AMT
EFFECTIVE DATE	AID_ACCOUNT_TRANSACTION / AID_TRXN_DATE
SCHOOL INFORMATION	
ORGANIZATION DUN'S NUMBER	AID_ORGANIZATION / DUNS_NMBR

Flow Name: Trace Number, Rejects

Definition: Trace numbers are returned to the system after a payment has been made in order to synchronize payment transactions with the actual payment made. Also represents any payments that were rejected and not paid.

From ED/CFO To EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AID PROGRAM	AID_PROGRAM / AID_PGM_NAME
AWARD YEAR	AWARD/APPLICABLE_AWARD_YR_NMBR
PAYEE IDENTIFIER	AID_ORGANIZATION / ORG_ID PARTICIPANT / PARTICIPANT_ID SCHOOL / SCHOOL_ID
AWARD INFORMATION	
AWARD NUMBER	AID / AID_ID AID_PROGRAM / PGM_ID AWARD / APPLICABLE_AWARD_YR_NMBR
DATE OF TRANSACTION	AID_ACCOUNT_TRANSACTION / AID_TRXN_DATE
PAYMENT TRACE NUMBER	AID_ACCOUNT_TRANSACTION / TREASURY_TRACE_NMBR
REASON	AID_ACCOUNT_TRANSACTION / ACCEPT_REJECT_REASON_DESC
LEDGER INFORMATION	
AMOUNT	AID_ACCOUNT_TRANSACTION / AID_TRXN_AMT

The following diagram presents the flows of information exchanged between the Maintain Account Receivable process and the postsecondary education community.

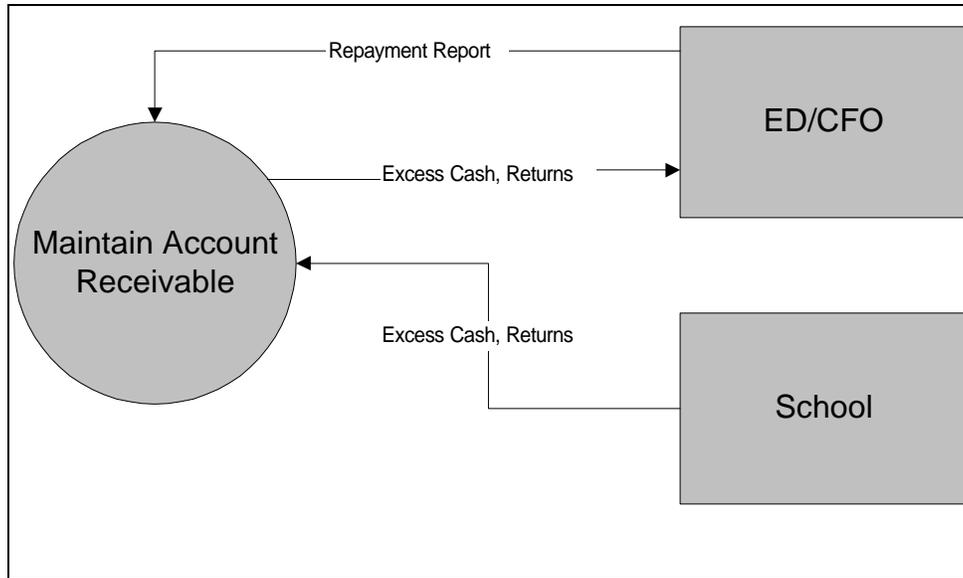


Exhibit 3.4.3-2 Maintain Account Receivable

Flow Name: Excess Cash, Returns

Definition: Money that comes back to ED due to allocating too much money to an aid organization, or due to them refunding or returning money back.

To ED/CFO from/to EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AWARD INFORMATION

REASON

AID_ACCOUNT_TRANSACTION /
AID_TRXN_CAT

RETURNED AMOUNT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

LEDGER INFORMATION

EFFECTIVE DATE

AID_ACCOUNT_TRANSACTION /
AID_TRXN_DATE

SCHOOL INFORMATION

DUNS NUMBER

SCHOOL / DUNS_NMBR

PROGRAM

AID_PROGRAM / AID_PGM_NAME

Flow Name: Repayment Report

Definition: Information related to the repayment of student financial loans, including statement of account, repayment options/methods, and repayments based on a school.

From ED/CFO To EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AWARD INFORMATION

AWARD NUMBER

AID_PROGRAM / PGM_ID

AWARD /
APPLICABLE_AWARD_YR_NMBR

REFUND METHOD

AID_ACCOUNT_TRANSACTION /
REMITTANCE_CAT

LEDGER INFORMATION

AMOUNT RECEIVED

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

EFFECTIVE DATE

AID_ACCOUNT_TRANSACTION /
AID_TRXN_DATE

SCHOOL INFORMATION

SCHOOL'S DUNS NUMBER

SCHOOL / DUNS_NMBR

TITLE IV INFORMATION

PROGRAM

AID_PROGRAM / AID_PGM_NAME

The following diagram presents the flows of information exchanged between the Manage Fund process and the postsecondary education community.

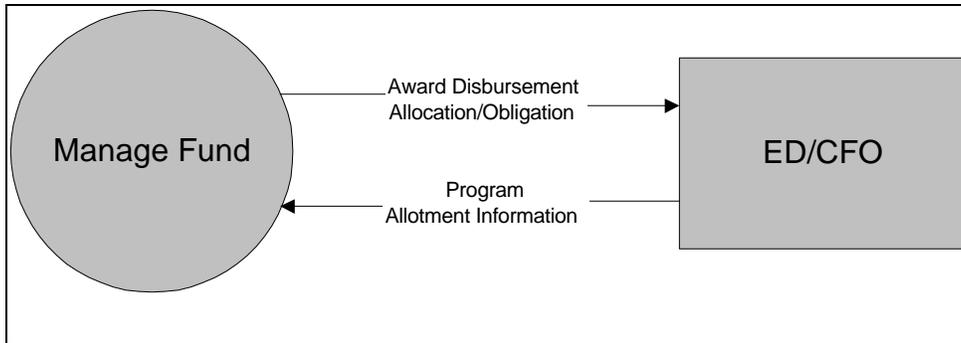


Exhibit 3.4.3-3. Manage Fund

Flow Name: Award Disbursement Allocation/Obligation

Definition: This is information EASI/ED must provide to the ED/CFO on how much money they have allocated to each program.

To ED/CFO From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AWARD YEAR

AWARD /
APPLICABLE_AWARD_YR_NMBR

AWARD INFORMATION

ALLOCATED AMOUNT

AWARD / AWARD_AMT

EFFECTIVE DATE

AWARD / DRAWDOWN_START_DATE

SCHOOL INFORMATION

PROGRAM

AID_PROGRAM / AID_PGM_NAME

SCHOOL DUNS NUMBER

SCHOOL / DUNS_NMBR

Flow Name: Program Allotment Information

Definition: Maximum program funding levels and current available funding amounts.

From ED/CFO To EASI/ED

Data Elements

Corresponding LDM Attribute(s)

SCHOOL DUNS NUMBER

SCHOOL / DUNS_NMBR

AWARD INFORMATION

FUNDING AMOUNT

AWARD / AWARD_AMT

MAXIMUM FUNDING AMOUNTS

AID_PROGRAM /
NATL_FUNDS_AVAIL_AMT

TITLE IV INFORMATION

PERIOD

AWARD /
APPLICABLE_AWARD_YR_NMBR

PROGRAM

AID_PROGRAM / AID_PGM_NAME

The following diagram presents the flows of information exchanged between the Process System Usage Cost process and the postsecondary education community.

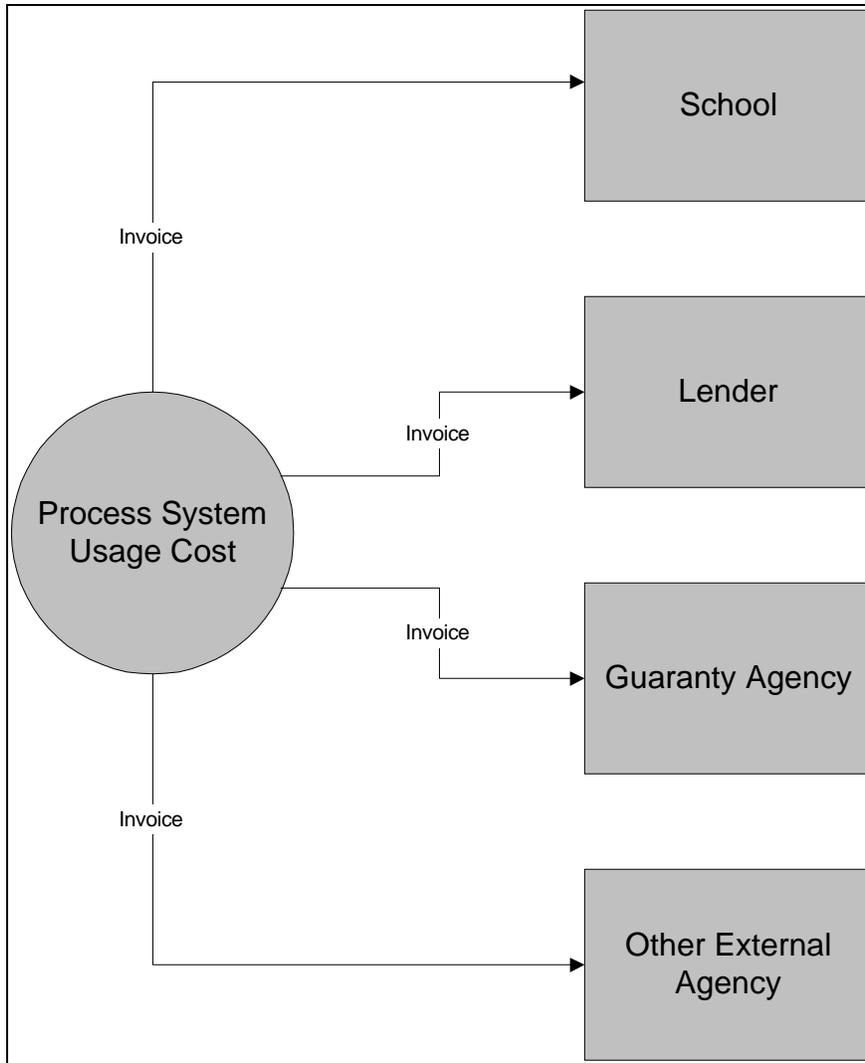


Exhibit 3.4.3-4. Process System Usage Cost

Flow Name: Invoice

Definition: Accounts receivable invoice represents a formal notice to external entities that they owe the Department of Education a specified amount of money within a specified time frame for services rendered.

To Guaranty Agency From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

INVOICE INFORMATION

AMOUNT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

CLIN-ID-CD

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

DESCRIPTION

RESOURCE / ITEM_DESC

INVOICE NO.

AID_ACCOUNT_TRANSACTION /
INVOICE_NMBR

INVOICE TOTAL

Derived

ITEM NO.

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

PRODUCT NUMBER

RESOURCE / RESOURCE_ID

QUANTITY

RESOURCE_USAGE / USAGE_QTY

REQUISITION NUMBER

AID_ACCOUNT_TRANSACTION /
AID_TRXN_CAT

AID_ACCOUNT_TRANSACTION /
TRXN_ID

SPECIAL SERVICE NUMBER

Derived

TERMS: NET ON PRESENTATION	AID_ACCOUNT_TRANSACTION / PMT_CLAUSE_DESC
UNIT OF MEASURE	RESOURCE / UOM_QTY
UNIT PRICE	RESOURCE / UNIT_PRICE_AMT
VENDOR INFORMATION	
CUSTOMER CODE	AID_ORGANIZATION / ORG_ID SCHOOL / SCHOOL_ID
CUSTOMER CONTACT	AID_ORGANIZATION_POC / AID_ORG_POC_FIRST_NAME AID_ORGANIZATION_POC / AID_ORG_POC_LAST_NAME AID_ORGANIZATION_POC / AID_ORG_POC_MIDDLE_NAME
CUSTOMER CONTACT TITLE	AID_ORGANIZATION_POC / POC_ROLE_NAME
CUSTOMER NAME	AID_ORGANIZATION / AID_ORG_NAME
CUSTOMER ORDER DATE	AID_ACCOUNT_TRANSACTION / AID_TRXN_DATE RESOURCE_USAGE / USAGE_DATE
CUSTOMER ORDER NUMBER	AID_ACCOUNT_TRANSACTION / TRXN_ID
PURCHASE ORDER NO.	AID_ACCOUNT_TRANSACTION / AID_TRXN_CAT AID_ACCOUNT_TRANSACTION /

TRXN_ID

Flow Name: Invoice

Definition: Accounts receivable invoice represents a formal notice to external entities that they owe the Department of Education a specified amount of money within a specified time frame for services rendered.

To Lender From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

INVOICE INFORMATION

AMOUNT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

CLIN-ID-CD

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

DESCRIPTION

RESOURCE / ITEM_DESC

INVOICE NO.

AID_ACCOUNT_TRANSACTION /
INVOICE_NMBR

INVOICE TOTAL

Derived

ITEM NO

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

PRODUCT NUMBER

RESOURCE / RESOURCE_ID

QUANTITY

RESOURCE_USAGE / USAGE_QTY

REQUISITION NUMBER

AID_ACCOUNT_TRANSACTION /
AID_TRXN_CAT

AID_ACCOUNT_TRANSACTION /
TRXN_ID

SPECIAL SERVICE NUMBER

Derived

TERMS: NET ON PRESENTATION	AID_ACCOUNT_TRANSACTION / PMT_CLAUSE_DESC
UNIT OF MEASURE	RESOURCE / UOM_QTY
UNIT PRICE	RESOURCE / UNIT_PRICE_AMT
VENDOR INFORMATION	
CUSTOMER CODE	AID_ORGANIZATION / ORG_ID SCHOOL / SCHOOL_ID
CUSTOMER CONTACT	AID_ORGANIZATION_POC / AID_ORG_POC_FIRST_NAME AID_ORGANIZATION_POC / AID_ORG_POC_LAST_NAME AID_ORGANIZATION_POC / AID_ORG_POC_MIDDLE_NAME
CUSTOMER CONTACT TITLE	AID_ORGANIZATION_POC / POC_ROLE_NAME
CUSTOMER NAME	AID_ORGANIZATION / AID_ORG_NAME
CUSTOMER ORDER DATE	AID_ACCOUNT_TRANSACTION / AID_TRXN_DATE
CUSTOMER ORDER NUMBER	AID_ORGANIZATION / ORG_ID PARTICIPANT / PARTICIPANT_ID SCHOOL / SCHOOL_ID
PURCHASE ORDER NO.	AID_ACCOUNT_TRANSACTION / AID_TRXN_CAT

AID_ACCOUNT_TRANSACTION /
TRXN_ID

Flow Name: Invoice

Definition: Accounts receivable invoice represents a formal notice to external entities that they owe the Department of Education a specified amount of money within a specified time frame for services rendered.

To Other External Agencies From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AMOUNT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

CLIN_ID_CD

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

CUSTOMER CODE

AID_ORGANIZATION / ORG_ID

SCHOOL / SCHOOL_ID

CUSTOMER NAME

AID_ORGANIZATION /
AID_ORG_NAME

CUSTOMER ORDER DATE

RESOURCE_USAGE / USAGE_DATE

CUSTOMER ORDER NO.

AID_ACCOUNT_TRANSACTION /
TRXN_ID

DESCRIPTION

RESOURCE / ITEM_DESC

INVOICE NO.

AID_ACCOUNT_TRANSACTION /
INVOICE_NMBR

ITEM NO.

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

PRODUCT NUMBER

RESOURCE / RESOURCE_ID

QUANTITY

REQUISITION NUMBER	RESOURCE_USAGE / USAGE_QTY
	AID_ACCOUNT_TRANSACTION / AID_TRXN_CAT
	AID_ACCOUNT_TRANSACTION / TRXN_ID
SPECIAL SERVICE NUMBER	Derived
TERMS: NET ON PRESENT	AID_ACCOUNT_TRANSACTION / PMT_CLAUSE_DESC
UNIT OF MEASURE	RESOURCE / UOM_QTY
UNIT PRICE	RESOURCE / UNIT_PRICE_AMT

Flow Name: Invoice

Definition: Accounts receivable invoice represents a formal notice to external entities that they owe the Department of Education a specified amount of money within a specified time frame for services rendered.

To School From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

INVOICE INFORMATION

AMOUNT

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

CLIN-ID-CD

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

DESCRIPTION

RESOURCE / ITEM_DESC

INVOICE NO.

AID_ACCOUNT_TRANSACTION /
AID_TRXN_CAT

AID_ACCOUNT_TRANSACTION /
TRXN_NMBR

INVOICE TOTAL

Derived

ITEM NO.

AID_TRANSACTION_STRUCTURE /
AID_TRXN_STRUCT_CAT

RESOURCE / RESOURCE_ID

PRODUCT NUMBER

RESOURCE / RESOURCE_ID

QUANTITY

RESOURCE_USAGE / USAGE_QTY

REQUISITION NUMBER

AID_ACCOUNT_TRANSACTION /
AID_TRXN_CAT

	AID_ACCOUNT_TRANSACTION / TRXN_NMBR
SPECIAL SERVICE NUMBER	Derived
TERMS: NET ON PRESENTATION	AID_ACCOUNT_TRANSACTION / PMT_CLAUSE_DESC
UNIT OF MEASURE	RESOURCE / UOM_QTY
UNIT PRICE	RESOURCE / UNIT_PRICE_AMT
VENDOR INFORMATION	
CUSTOMER CODE	AID_ORGANIZATION / ORG_ID SCHOOL / SCHOOL_ID
CUSTOMER CONTACT	SCHOOL_POC / SCHOOL_POC_NAME
CUSTOMER CONTACT TITLE	SCHOOL_POC / SCHOOL_POC_TITLE_NAME
CUSTOMER NAME	SCHOOL / OFFICIAL_SCHOOL_NAME
CUSTOMER ORDER DATE	AID_ACCOUNT_TRANSACTION / AID_TRXN_DATE RESOURCE_USAGE / USAGE_DATE
CUSTOMER ORDER NUMBER	AID_ACCOUNT_TRANSACTION/ TRXN_NMBR
PURCHASE ORDER NO	AID_ACCOUNT_TRANSACTION / AID_TRXN_CAT AID_ACCOUNT_TRANSACTION/ TRXN_NMBR

The following diagram presents the flows of information exchanged between the Process System Usage Payment process and the postsecondary education community.

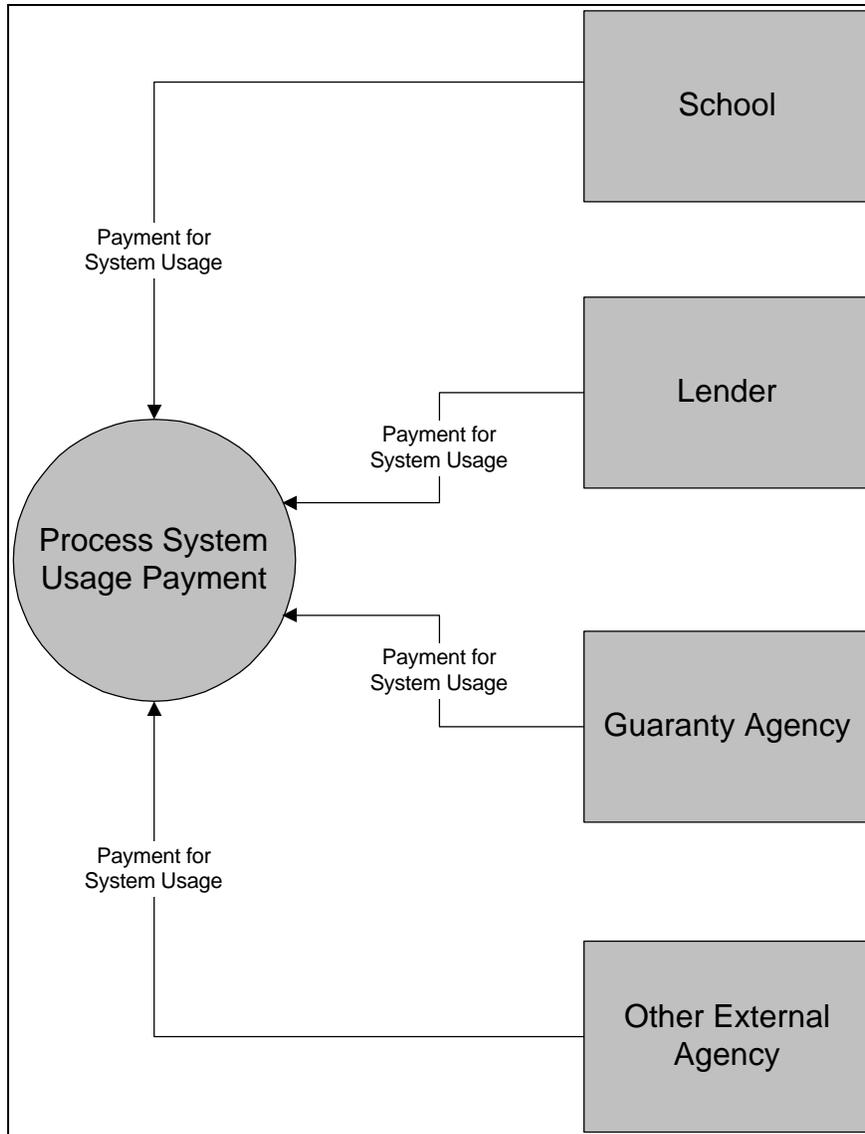


Exhibit 3.4.3-5. Process System Usage Payment

Flow Name: Payment for System Usage

Definition: Payment received by EASI/ED for the access and usage of their systems.

From Guaranty Agency To EASI/ED

Data Elements

Corresponding LDM Attribute(s)

INVOICE INFORMATION

INVOICE NUMBER

AID_ACCOUNT_TRANSACTION /
INVOICE_NMBR

PAYMENT INFORMATION

AMOUNT APPLIED

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

REMITTANCE TYPE

AID_ACCOUNT_TRANSACTION /
REMITTANCE_CAT

Flow Name: Payment for System Usage

Definition: Payment received by EASI/ED for the access and usage of their systems.

From Lender To EASI/ED

Data Elements

Corresponding LDM Attribute(s)

INVOICE INFORMATION

INVOICE NUMBER

AID_ACCOUNT_TRANSACTION /
INVOICE_NMBR

PAYMENT INFORMATION

AMOUNT APPLIED

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

REMITTANCE TYPE

AID_ACCOUNT_TRANSACTION /
REMITTANCE_CAT

Flow Name: Payment for System Usage

Definition: Payment received by EASI/ED for the access and usage of their systems.

To Other External Agencies From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AMOUNT APPLIED

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

INVOICE NUMBER

AID_ACCOUNT_TRANSACTION /
INVOICE_NMBR

REMITTANCE TYPE

AID_ACCOUNT_TRANSACTION /
REMITTANCE_CAT

Flow Name: Payment for System Usage

Definition: Payment received by EASI/ED for the access and usage of their systems.

From School To EASI/ED

Data Elements

Corresponding LDM Attribute(s)

INVOICE INFORMATION

INVOICE NUMBER

AID_ACCOUNT_TRANSACTION /
INVOICE_NMBR

PAYMENT INFORMATION

AMOUNT APPLIED

AID_ACCOUNT_TRANSACTION /
AID_TRXN_AMT

REMITTANCE TYPE

AID_ACCOUNT_TRANSACTION /
REMITTANCE_CAT

The following diagram presents the flows of information exchanged between the Process System Usage Payment process and the postsecondary education community.

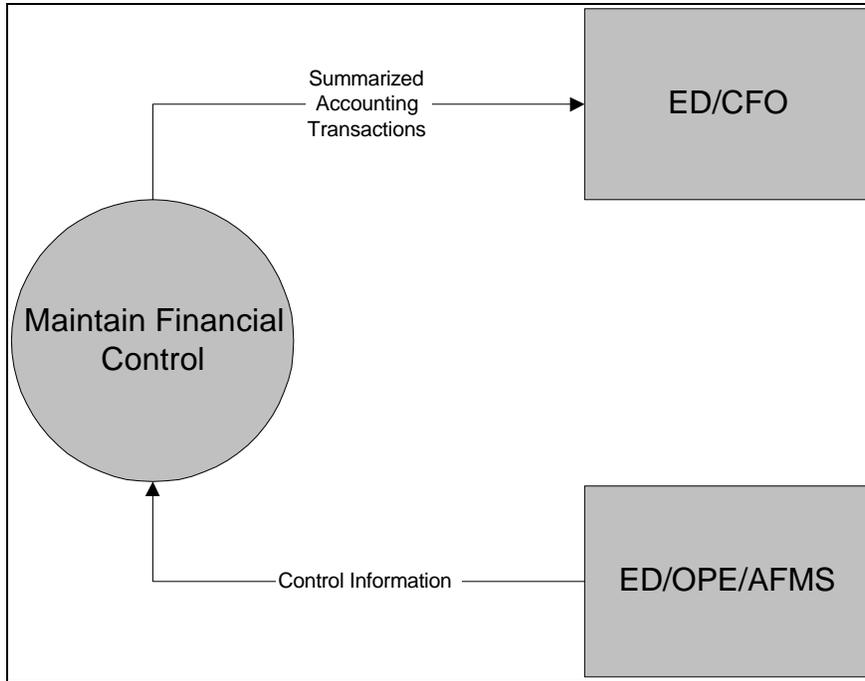


Exhibit 3.4.3-6. Maintain Financial Control

Flow Name: Summarized Accounting Transactions

Definition: Accounting control information such as summarized account balances.

To ED/CFO From EASI/ED

Data Elements

Corresponding LDM Attribute(s)

LEDGER INFORMATION

AGGREGATE STUDENT DISBURSEMENT

Derived

EFFECTIVE DATE

AID_ACCOUNT_TRANSACTION /
AID_TRXN_DATE

FISCAL YEAR

AWARD /
APPLICABLE_AWARD_YR_NMBR

SCHOOL INFORMATION

PROGRAM

AID_PROGRAM / AID_PGM_NAME

Flow Name: Control Information

Definition: Accounting control information such as reconciliations and summarized account balances.

From ED/OPE/AFMS To EASI/ED

Data Elements

Corresponding LDM Attribute(s)

AID PROGRAM	AID_PROGRAM / AID_PGM_NAME
AWARD YEAR	AWARD / APPLICABLE_AWARD_YR_NMBR
CUSTOMER IDENTIFIER	AID_ORGANIZATION / ORG_ID PARTICIPANT / PARTICIPANT_ID SCHOOL / SCHOOL_ID
PAYMENT TRACE NUMBER	AID_ACCOUNT_TRANSACTION / REMITTANCE_NMBR
DOCUMENT TRACKING INFORMATION	
DOCUMENT NUMBER	AID / AID_ID
LEDGER INFORMATION	
ACCOUNT RECONCILED FLAG	Rejected
DEBIT/CREDIT INDICATOR	JOURNAL_ENTRY_DETAIL/ DEBIT_IND
EFFECTIVE DATE	JOURNAL_ENTRY / ENTRY_DATE
JOURNAL ENTRY AMOUNT	JOURNAL_ENTRY_DETAIL / DETAIL_AMT
SCHOOL INFORMATION	
PAYEE INFO	Derived

3.4.3.2 Data Flow Characteristics Information

The following tables list the data flow characteristics for the data flows comprising the Financial Services Subsystem external interfaces. The data flows are grouped alphabetically by the process within the subsystem that receives/sends the data flow.

Process Name: Maintain Account Payable

Data Flow Name	Direction	Currency	Timing	Current Media	Acceptable Media
Adjustments	To ED/CFO From EASI/ED	Most Current Information	Interactive	Not Applicable	Undecided
Disbursement Request	To ED/CFO From EASI/ED	Most Current Information	Interactive	Electronic/Paper	Electronic/Paper
Payment Request	To ED/CFO From EASI/ED	Most Current Information	Interactive	Not Applicable	Electronic
Trace Number, Rejects	From ED/CFO To EASI/ED	Most Current Information	Interactive	Not Applicable	Electronic

Process Name: Maintain Account Receivable

Data Flow Name	Direction	Currency	Timing	Current Media	Acceptable Media
Excess Cash, Returns	To/from ED/CFO from/to EASI/ED	Most Current Information	Interactive	Not Applicable	Undecided
Repayment Report	From ED/CFO To EASI/ED	Most Current Information	Interactive	Not Applicable	Electronic

Process Name: Maintain Financial Control

Data Flow Name	Direction	Currency	Timing	Current Media	Acceptable Media
Control Information	From ED/OPE/AFMS To EASI/ED	Most Current Information	Interactive	electronic/paper	Electronic/Paper
Summarized Accounting Transactions	To ED/CFO From EASI/ED	Most Current Information	Interactive	Not Applicable	Electronic

Process Name: Manage Fund

Data Flow Name	Direction	Currency	Timing	Current Media	Acceptable Media
Award Disbursement Allocation/Obligation	To ED/CFO From EASI/ED	Most Current Information	Interactive	Not Applicable	Undecided
Program Allotment Information	From ED/CFO To EASI/ED	Most Current Information	Interactive	Not Applicable	Electronic

Process Name: Process System Usage Cost

Data Flow Name	Direction	Currency	Timing	Current Media	Acceptable Media
Invoice	To Other External Agency From EASI/ED	Most Current Information	Monthly	Not Applicable	Electronic/Paper
Invoice	To School From EASI/ED	Most Current Information	Monthly	Paper	Electronic/Paper
Invoice	To Guaranty Agency From EASI/ED	Most Current Information	Monthly	Paper	Electronic/Paper
Invoice	To Lender From EASI/ED	Most Current Information	Monthly	Paper	Electronic/Paper

Process Name: Process System Usage Payment

Data Flow Name	Direction	Currency	Timing	Current Media	Acceptable Media
Payment for System Usage	From Other External Agency To EASI/ED	Most Current Information	Monthly	Not Applicable	Electronic/Paper
Payment for System Usage	From Guaranty Agency To EASI/ED	Most Current Information	Monthly	Paper	Electronic/Paper
Payment for System Usage	From School To EASI/ED	Most Current Information	Monthly	Paper	Electronic/Paper
Payment for System Usage	From Lender To EASI/ED	Most Current Information	Monthly	Paper	Electronic/Paper

3.4.4 Internal Interfaces

The Financial Services Subsystem internal interfaces are represented as logical inter-process dependencies. Detailed information regarding these dependencies is located in Appendix B.

3.4.5 Subsystem Physical Access Mode

There are no specific physical access needs indicated by the requirements associated with this subsystem.

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