



SCEIS Interface Monitoring Process

Interface Monitoring Process



SCEIS has created an interface monitoring tool designed to allow users to view the status of their interfaces. This tool allows authorized users to use an online SCEIS transaction to:

- View the status of an interface to determine if the interface is transmitted successfully via FTP or manual upload
- View the errors identified in the processing of the data
- View the status to determine that files are “valid”

An “Edit” option is now available to edit and resubmit files that result from four specific interfaces when they have errors. The “editable” interfaces are:

- IF383 – AP Direct Pay
- IF384 – AR Customer Invoice
- IF387 – Journal Entry
- IF401 – Funds Reservation

This “Edit” tool allows users to perform the following (with files from the interfaces listed above, only):

- Edit the “Errored” interface file to make corrections to the data
- Add or delete line items.
- Resubmit the “Errored” interface file in SCEIS

Interface Monitoring Process



Important note:

- This information is the same that you are already receiving through e-mail notifications. The online monitoring tool can be used alone or in conjunction with the e-mail notifications.

Questions:

- If you have questions about the monitoring tool or application/set-up process, please contact the SCEIS Interface Team at: interfaces@sceis.sc.gov.

Interface Monitoring Process



Interface Online Monitoring Process

This process is designed to assist Agencies with tracking and correcting their interface files. With this process, selected agency staff will have the ability to:

1. Check if the file transmitted successfully by FTP or upload
2. Track the file progress
3. Display and Print Transmittal, Error, and Valid PDF Reports
4. Display and Print File Funding Detail
5. Display the documents and lines in error
6. Edit & Resubmit the “Errored” interface file to make corrections to the data (IF383, IF384, IF387 and IF401 only)

Access & Security

To access these reports, the user must have access to SCEIS with an appropriate role based on Business Area, Source System, Interface Type and Display or Edit function (Example: Business Area: H030, Source System – KA Interface Type – IF383).

Roles:

YMM_IF_AGY_MON_DSP-K040CNIM383 (Display K040 CN IM383)

YFI_IF_AGY_MON_CHG-K040 (Composite role – all FI Source Systems for K040)

Interface Monitoring Process

Transaction: Z_AGENCY_INTERFACES

Agency Interfaces

IF382 AP Purchase Order
IF383 AP Direct Pay
IF384 AR Customer Invoice
IF387 Journal Entry
IF401 Funds Reservation
IF404 Cost Allocations
IF407 Assets Master Update
IF410 WBS Element Update
IF412 Project System
IF389 AP Outbound Interface
IF408 AR Outbound Interface
IF409 JE Outbound Interface
IM383 Goods Issue
IM387 Purchase Order
IM389 Shopping Cart
IM390 Goods Receipt (web service)
IM391 Goods Issue (web service)

Additional Criteria:

Business Area:	<input type="text" value=""/>
File Date:	<input type="text" value=""/>
Source System:	<input type="text" value=""/>
Trans Key:	<input type="text" value=""/>
Process Date:	<input type="text" value=""/>

Interface Monitoring Process



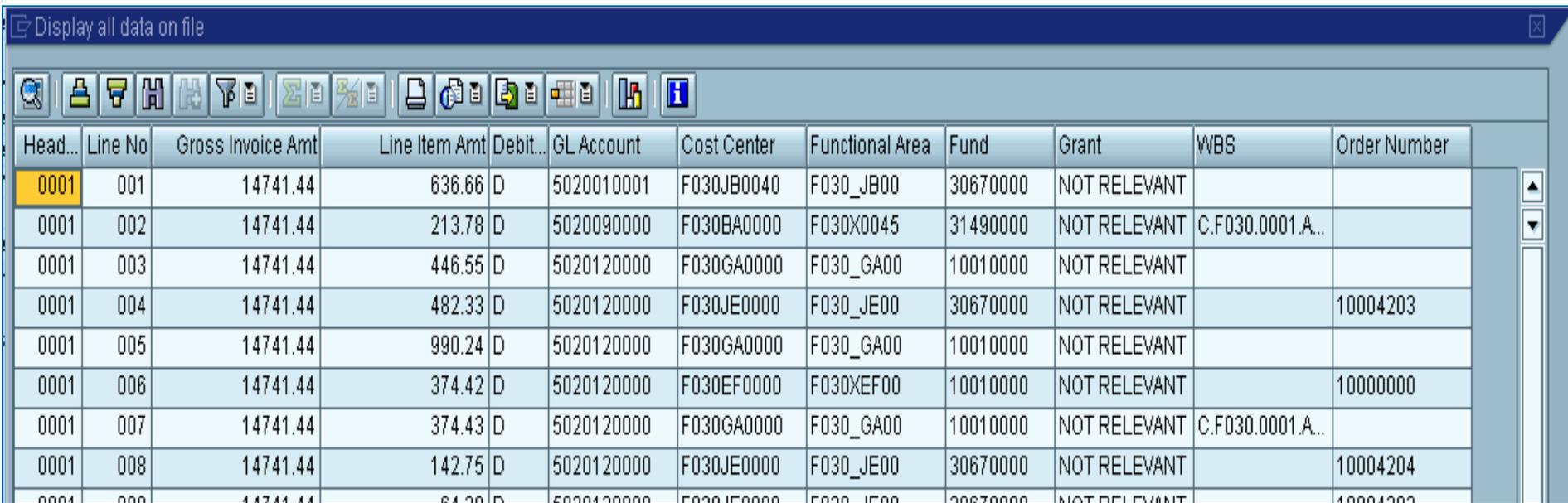
Monitoring will show status of file – Pending, Error and Processed:

- **PENDING FILES** have not been processed yet.
- **ERROR FILES** received errors during the processing job.
- **PROCESSED FILES** contain Documents that processed valid.

<i>Goods Issue (IM383) Interface Monitoring Report</i>							
User ID : KHOFFMAN System : ECP / 010 Program : SAPMZALL_AGENCY_INTERFACES				South Carolina Enterprise Information Systems(SCEIS) Goods Issue (IM383) Interface Monitoring Report			
PENDING (IMMEDIATELY):							
Bus Area	Source System	File Date	File Time	Trans Key	Load Date	Load Time	File Name
N040	CN	08/17/2010	23:15:00	POSI	08/18/2010	08:53:09	n040.cn.im383.goodsissue.inbound.20100818094500
Total Files Loaded: 1							
ERRORS:							
Bus Area	Source System	File Date	File Time	Trans Key	Process Date	Process Time	File Name
N040	CN	08/17/2010	23:04:06	POSI	08/18/2010	05:19:37	n040.cn.im383.goodsissue.inbound.20100817230528
N040	CN	08/16/2010	23:03:17	POSI	08/17/2010	06:27:16	n040.cn.im383.goodsissue.inbound.20100816230417
N040	CN	08/13/2010	23:03:23	POSI	08/16/2010	04:13:06	n040.cn.im383.goodsissue.inbound.20100813230423
N040	CN	08/13/2010	08:20:37	POSI	08/13/2010	08:54:45	n040.cn.im383.goodsissue.inbound.20100813082238
Total Files with Errors: 4							
PROCESSED:							
Bus Area	Source System	File Date	File Time	Trans Key	Process Date	Process Time	File Name
N040	CN	08/17/2010	23:04:06	POSI	08/18/2010	05:19:37	n040.cn.im383.goodsissue.inbound.20100817230528

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Click on “Display Detail” to display all data in the file.



Head...	Line No	Gross Invoice Amt	Line Item Amt	Debit...	GL Account	Cost Center	Functional Area	Fund	Grant	WBS	Order Number
0001	001	14741.44	636.66	D	5020010001	F030JB0040	F030_JB00	30670000	NOT RELEVANT		
0001	002	14741.44	213.78	D	5020090000	F030BA0000	F030X0045	31490000	NOT RELEVANT	C.F030.0001.A...	
0001	003	14741.44	446.55	D	5020120000	F030GA0000	F030_GA00	10010000	NOT RELEVANT		
0001	004	14741.44	482.33	D	5020120000	F030JE0000	F030_JE00	30670000	NOT RELEVANT		10004203
0001	005	14741.44	990.24	D	5020120000	F030GA0000	F030_GA00	10010000	NOT RELEVANT		
0001	006	14741.44	374.42	D	5020120000	F030EF0000	F030XEF00	10010000	NOT RELEVANT		10000000
0001	007	14741.44	374.43	D	5020120000	F030GA0000	F030_GA00	10010000	NOT RELEVANT	C.F030.0001.A...	
0001	008	14741.44	142.75	D	5020120000	F030JE0000	F030_JE00	30670000	NOT RELEVANT		10004204
0001	009	14741.44	64.30	D	5020120000	F030JE0000	F030_JE00	30670000	NOT RELEVANT		10004203

Note: The screen shot above contains TEST data.

Interface Monitoring Process



Click on document error line to display the detail of each line in the document.

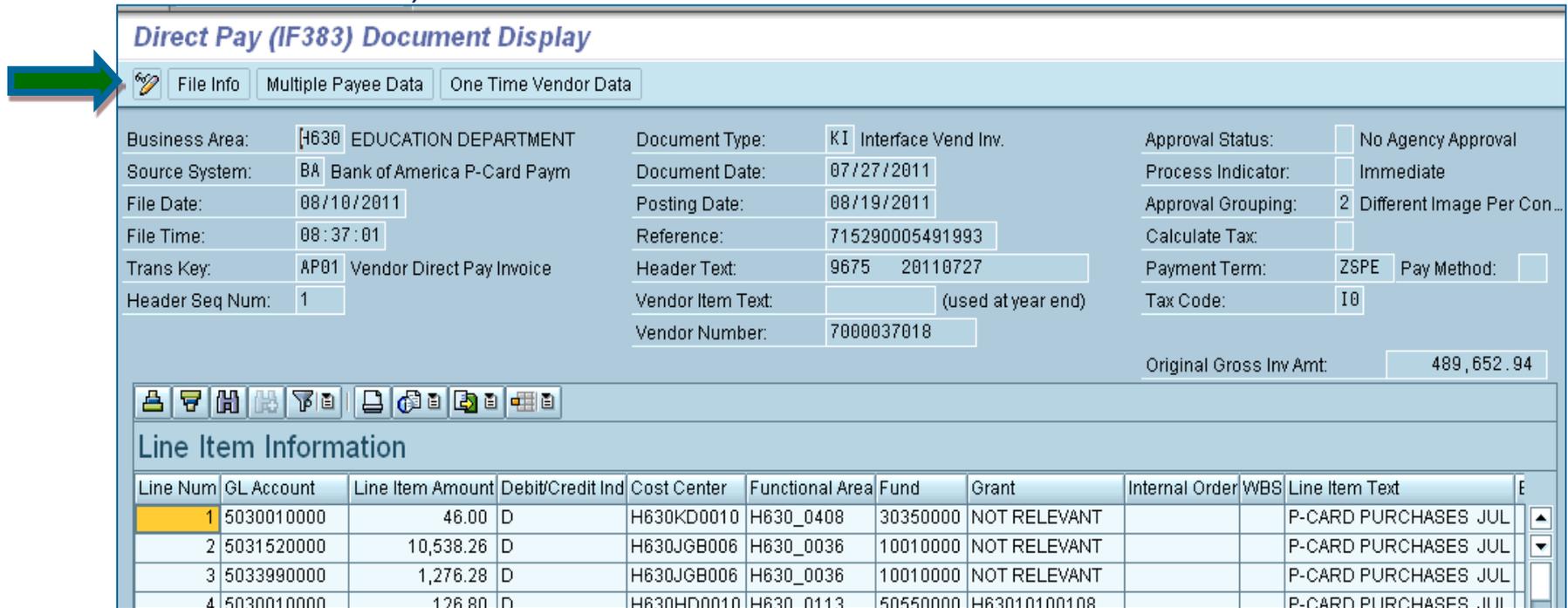
Business Area:	F030 BUDGET AND CONTROL BOARD	Document Type:	KI Interface Vend Inv.	Approval Status:	<input type="checkbox"/> No Agency Approval
Source System:	AT WORKS	Document Date:	05/06/2010	Process Indicator:	<input type="checkbox"/> Immediate Processing
File Date:	07/06/2010	Posting Date:	05/06/2010	Approval Grouping:	1 Same Image for Entire File
File Time:	09:53:56	Reference:	471529000039174	Vendor Item Text:	<input type="text"/> (used during year end)
Trans Key:	AP01	Header Text:	<input type="text"/>		
Header Seq Num:	1				
File Name:	f030.at.if383.directpay.inbound.20100817010102.txt				
Directory:	\\sceisft01\ftproot_TEST\qa\030\io				

Line Item Information														
Line No	Vendor Nu...	Gross Invoice Amt	Cal...	Pay...	Pay...	GL Account	Line Item Amt	Debit...	Cost Center	Functional Area	Fund	Grant	Internal Order	WBS
1	7000037018	14,741.44		ZSPE		5020010001	636.66	D	F030JB0040	F030_JB00	30670000	NOT RELEVANT		
2	7000037018	14,741.44		ZSPE		5020090000	213.78	D	F030BA0000	F030X0045	31490000	NOT RELEVANT		C.F030.0001.AA000
3	7000037018	14,741.44		ZSPE		5020120000	446.55	D	F030GA0000	F030_GA00	10010000	NOT RELEVANT		
4	7000037018	14,741.44		ZSPE		5020120000	482.33	D	F030JE0000	F030_JE00	30670000	NOT RELEVANT	10004203	
5	7000037018	14,741.44		ZSPE		5020120000	990.24	D	F030GA0000	F030_GA00	10010000	NOT RELEVANT		
6	7000037018	14,741.44		ZSPE		5020120000	374.42	D	F030EF0000	F030XEF00	10010000	NOT RELEVANT	10000000	
7	7000037018	14,741.44		ZSPE		5020120000	374.43	D	F030GA0000	F030_GA00	10010000	NOT RELEVANT		C.F030.0001.AA000

Note: The screen shot above contains TEST data.

Enhancements for Monitoring

- SCEIS has added an “Edit” option for Interface Monitoring on the following interfaces: IF383,IF384, IF387, IF401.
- This will allow designated agency users to correct an Errored interface file and resubmit the file in SCEIS. The editing option will show an audit trail of changes to the interface file.
- This will include the user ID, and the fields changed before and after image.
- To edit the file, you will click on the “pencil” icon in left top corner (indicated with an arrow in the screen shot below).



Direct Pay (IF383) Document Display

File Info | Multiple Payee Data | One Time Vendor Data

Business Area: H630 EDUCATION DEPARTMENT Document Type: KI Interface Vend Inv. Approval Status: No Agency Approval
 Source System: BA Bank of America P-Card Paym Document Date: 07/27/2011 Process Indicator: Immediate
 File Date: 08/10/2011 Posting Date: 08/19/2011 Approval Grouping: 2 Different Image Per Con...
 File Time: 08:37:01 Reference: 715290005491993 Calculate Tax:
 Trans Key: AP01 Vendor Direct Pay Invoice Header Text: 9675 20110727 Payment Term: ZSPE Pay Method:
 Header Seq Num: 1 Vendor Item Text: (used at year end) Tax Code: I0
 Vendor Number: 7000037018 Original Gross Inv Amt: 489,652.94

Line Item Information

Line Num	GL Account	Line Item Amount	Debit/Credit Ind	Cost Center	Functional Area	Fund	Grant	Internal Order	WBS	Line Item Text	E
1	5030010000	46.00	D	H630KD0010	H630_0408	30350000	NOT RELEVANT			P-CARD PURCHASES JUL	▲
2	5031520000	10,538.26	D	H630JGB006	H630_0036	10010000	NOT RELEVANT			P-CARD PURCHASES JUL	▼
3	5033990000	1,276.28	D	H630JGB006	H630_0036	10010000	NOT RELEVANT			P-CARD PURCHASES JUL	
4	5030010000	126.80	D	H630HD0010	H630_0113	50550000	H63010100108			P-CARD PURCHASES JUL	

Note: The screen shot above contains TEST data.

Enhancements for Monitoring

- The fields highlighted in white can be modified.
- Users can also add and delete line items.
- When a user makes a Line Item Amount change, the Gross Amount is recalculated and the user receives a message showing the new Gross Amount upon clicking the “Save” button.

Direct Pay (IF383) Document Correction

File Info | Multiple Payee Data | One Time Vendor Data

Business Area:	H630 EDUCATION DEPARTMENT	Document Type:	KI Interface Vend Inv.	Approval Status:	No Agency Approval
Source System:	BA Bank of America P-Card Paym	Document Date:	07/27/2011	Process Indicator:	Immediate
File Date:	08/10/2011	Posting Date:	08/19/2011	Approval Grouping:	2 Different Image Per Con...
File Time:	08:37:01	Reference:	715290005491993	Calculate Tax:	
Trans Key:	AP01 Vendor Direct Pay Invoice	Header Text:	9675 20110727	Payment Term:	ZSPE Pay Method:
Header Seq Num:	1	Vendor Item Text:	(used at year end)	Tax Code:	I0
		Vendor Number:	7000037018	Current Gross Inv Amt:	489,652.95
				Original Gross Inv Amt:	489,652.94



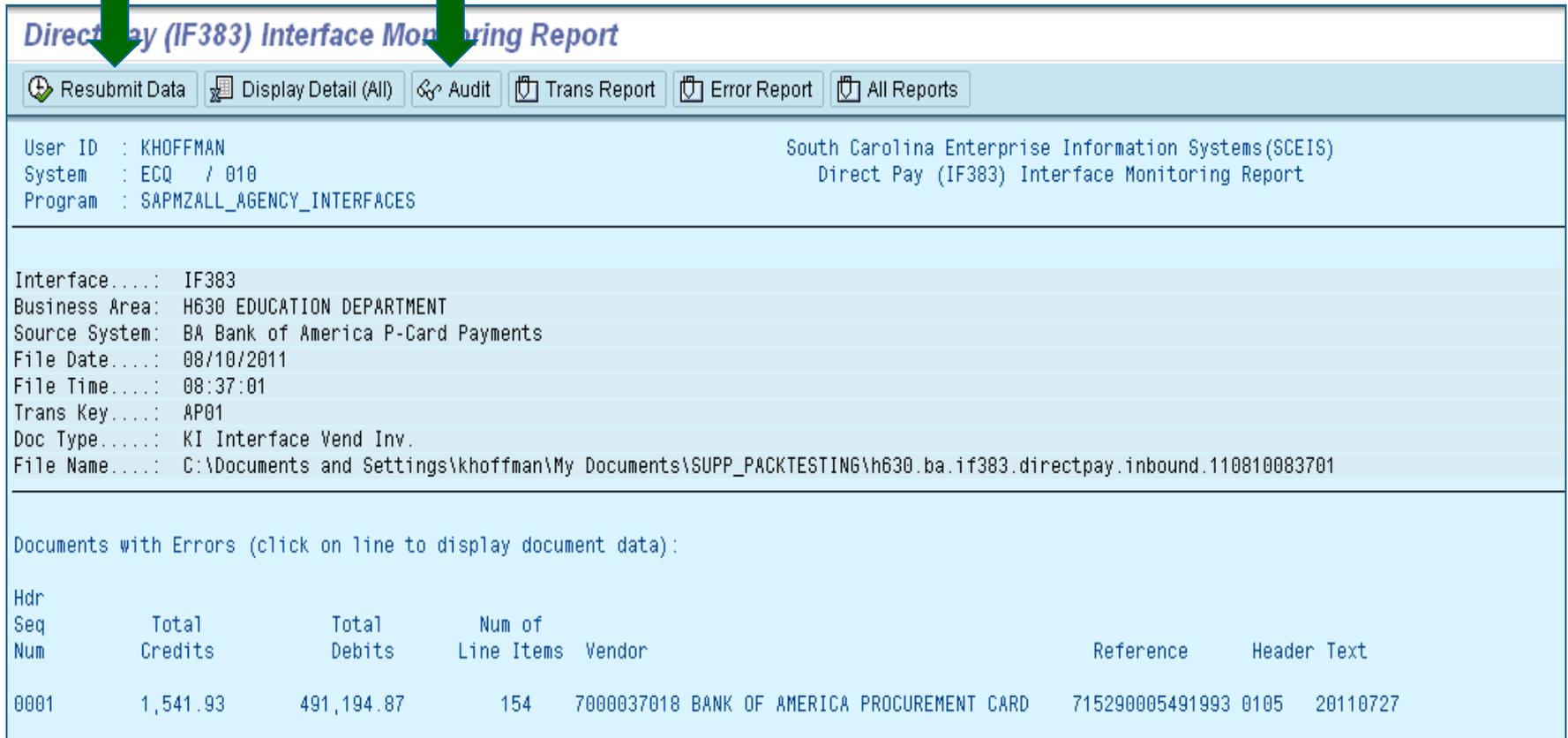
Edit Line Item Information

Line Num	GL Account	Line Item Amount	Debit/Credit Ind	Cost Center	Functional Area	Fund	Grant	Internal Ord...	W...	Line Item Text
1	5030010000	46.01	D	H630KD0010	H630_0408	30350000	NOT RELEVANT			P-CARD PURCHASES
2	5031520000	10,538.26	D	H630JGB006	H630_0036	10010000	NOT RELEVANT			P-CARD PURCHASES
3	5033990000	1,276.28	D	H630JGB006	H630_0036	10010000	NOT RELEVANT			P-CARD PURCHASES
4	5030010000	126.80	D	H630HD0010	H630_0113	50550000	H63010100108			P-CARD PURCHASES
5	5031030000	579.57	D	H630JGB014	H630_0036	10010000	NOT RELEVANT			P-CARD PURCHASES
6	5031520000	2,626.26	D	H630JGB014	H630_0036	10010000	NOT RELEVANT			P-CARD PURCHASES

Note: The screen shot above contains TEST data.

Enhancements for Monitoring

- There is a “Resubmit Data” button to resubmit the file for processing. Users can resubmit the file without making changes to the file.
- There is also an “Audit” button that displays all changes showing the before and after image.



Direct Pay (IF383) Interface Monitoring Report

Resubmit Data | Display Detail (All) | Audit | Trans Report | Error Report | All Reports

User ID : KHOFFMAN South Carolina Enterprise Information Systems(SCEIS)
System : ECQ / 010 Direct Pay (IF383) Interface Monitoring Report
Program : SAPMZALL_AGENCY_INTERFACES

Interface.....: IF383
Business Area: H630 EDUCATION DEPARTMENT
Source System: BA Bank of America P-Card Payments
File Date.....: 08/10/2011
File Time.....: 08:37:01
Trans Key.....: AP01
Doc Type.....: KI Interface Vend Inv.
File Name.....: C:\Documents and Settings\khoffman\My Documents\SUPP_PACKTESTING\h630.ba.if383.directpay.inbound.110810083701

Documents with Errors (click on line to display document data):

Hdr	Total	Total	Num of		Reference	Header Text
Seq	Credits	Debits	Line Items	Vendor		
Num						
0001	1,541.93	491,194.87	154	7000037018 BANK OF AMERICA PROCUREMENT CARD	715290005491993 0105	20110727

Note: The screen shot above contains TEST data.

Questions

**If you have any questions about the information
in this presentation, please email the SCEIS
Interfaces Team at:**

interfaces@sceis.sc.gov