



Positive Pay Extract

Application Name: PS_POSITIVE_PAY_EXTRACT
Application Description: Positive Pay Extract
Application: 15032
DNAapp ID: 5afd8a11-d56c-4b08-97c8-0967a110fba3

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Overview:

This application will create three extract files used for interfacing with vendors providing positive pay services. Three extract files are created containing Account, Transaction, and Stop Payment information for accounts that meet specific criteria.

Key Benefits:

This application can increase the financial institutions product offerings by allowing for an automated extract of information that can be imported to vendors providing positive pay services. This DNAapp helps save time by automatically extracting the required information versus manual data entry.

Processing:

This application will create three pipe (|) delimited extract files based on the criteria listed below. The application will only extract transaction and stop payment data for the day(s) selected within the Start Date and Thru Date parameters.

File#1: ACCT - Account Information file

All open accounts controlled by the application parameter 8UVB -'PPAY UF, Variables or Both'.

B (for Both) Account user field code = 'CAPP' having a value = 'Y' or an account level setting for Positive Pay = 'Y' and the major/minor account calculation type code= 'PPAY'.

U (For User Field) Account user field code = 'CAPP' having a value = 'Y'

V (for Variable) Account level setting for Positive Pay = 'Y' and the major/minor account calculation type code= 'PPAY'.

File#2: TRAN - Transaction Information file

All issued item transactions, for the date ranged entered, associated with the accounts contained in the ACCT file, linked by account number.

Application parameter '8ADY' will determine if any external and/or internal transaction description needs to be included in the extract file output.

Y (Yes), indicates that any external and/or internal transaction description should be included with the 'Transaction Description' field in the Transaction Information File (TRAN) Extract file. The total number of characters allowed will be 250 which include the transaction type description as well as the internal and/or external transaction description.

If both an external and internal transaction description exists, the external description will be included first.

N (No) indicates that the application will only include the transaction type description in the extract file for the Transaction Description in the Transaction Information File (TRAN).

File#3: STOP - Stop Payment Information file

All stop payments created, for the date ranged entered, for a range of checks or single check associated with the accounts contained in the ACCT file, linked by account number.

The file names will contain the prefix "POSITIVE_PAY" along with the Financial Institution Id, the current processing date in MMDDYYYY (optional), and the file type identifier (i.e. ACCT, TRAN, or STOP).

Examples:

POSITIVE_PAY_145_04092013_ACCT.txt

POSITIVE_PAY_145_04092013_TRAN.txt

POSITIVE_PAY_145_04092013_STOP.txt

If parameter 8IDF is N (the default value is Y), the date will not be part of the file names. If N, the file naming convention will be:

POSITIVE_PAY_###_ACCT.txt

POSITIVE_PAY_###_TRAN.txt

POSITIVE_PAY_###_STOP.txt

Parameters:

Parameter	Code	Description (how used)	Required	Default
StartDate	SD	Beginning date to extract data	N	Queue Effective Date
ThruDate	TD	Ending date to extract data	N	Queue Effective Date
Output File Path	8OUP	Complete path name where output file is located. The trailing backslash is optional (ex. "C:\TEMP\").	N	Batch Queue Output Directory
Include Addl DescriptionYN	8ADY	When set to Y, additional transaction description information will be included in the Transaction Description in the Transaction Information File (TRAN). When set to N, the application will only include the transaction description of the transaction type. The default value will be set to N and if left blank, will default to N.	N	N
Include Date in File Names	8IDF	When set to Y the effective date will be part of the file name. When N, the file name will not contain the effective date.	N	Y

Parameter	Code	Description (how used)	Required	Default
PPAY UF, Variables or Both	8UVB	Determines whether to select accounts for the File#1: ACCT extract using only the user field code 'CAPP' value = 'Y', using the variable settings only, or using both the user field value and the variable settings. U = User Field Value 'CAPP' = 'Y' Only V = Variables Only B = Both User Field Value 'CAPP' = 'Y' and the Variable settings.	No	B
PPAY Analysis Code	8ANC	Analysis Code value in the File#1: ACCT extract. Acceptable values are 1 or 0. If left blank, the field will be blank, per the original file specifications.	No	<Blank>

User Fields:

User Field	Code	Description (how used)	Data Type	AcctYN
CA Positive Pay	CAPP	To enable positive pay services this field should be set at account level.	YN	Y

Scheduling and re-run information:

This is a non-updating batch application and can be re-run if needed.

Report(s):

Bank: 0001 Test Institution	Positive Pay Extract	Run Date: 10-31-2022
Report: PS_POSITIVE_PAY_EXTRACT		Post Date: 10-31-2022
Queue Number : 143146		Run Time: 01:55:01
Application Number: 15032		Cash Box:
Queue Sub Number : 2		
	SCHEMA OSIBANK	
	DATABASE NAME CS14.WORLD	
	RELEASE DNA 22.2.0.0	
	10/31/2022 11:19 AM 462924 PS_POSITIVE_PAY_EXTRACT.sqt	
	REPORT PARAMETERS	
	Include Addl DescriptionYN: N	
	Include Date in File Names: Y	
	Output File Path:	
	PPAY Analysis Code:	
	PPAY UF, Variables or Both: B	
	StartDate:	
	ThruDate:	
Bank: 0001 Test Institution	Positive Pay Extract	Run Date: 10-31-2022
Report: PS_POSITIVE_PAY_EXTRACT		Post Date: 10-31-2022
	Total Acct Records 25	
	Total Tran Records 0	
	Total Stop Records 0	

Output report will include the following totals at the end of the report:

- Total account records extracted
- Total transaction records extracted
- Total stop payment records extracted

File Layout(s):**Output File Layouts – Pipe (|) Delimited****File#1: ACCT - Account Information file**

Field	Format	Description
Institution Number	99999999	Institution Id
Account Number	99999999	Account Number
Branch Number	99999999	Branch / Org Number
Current Balance	999999.99	Account Balance
Analysis Code	99999999 or Blank	Vendor defined code to display in the extract file. If not used, field is blank.
Date Last Updated	YYYY-MM-DD	Account Date of Last Maintenance
Date Accrued Thru	MM-DD-YYYY	Original Post Date of the most recent interest credit transaction

File#2: TRAN - Transaction Information file

Field	Format	Description
Institution Number	99999999	Institution Id
Account Number	99999999	Account Number

Field	Format	Description
Item Address	99999999	Unique identifier for transaction, used for matching reversals to the original transaction. Transaction Number
Posting Date	YYYY-MM-DD	Transaction Post Date
Transaction Amount	999999.99	Transaction Amount
Check Number	99999999	Transaction Check Number or Blank if not a check transaction
Internal Transaction Code	CHAR	Transaction Type Code
Reversal Code	1/0	1- Yes this transaction was a reversal / 0 – No this transaction was not a reversal
Transaction Date	YYYY-MM-DD	Transaction Post Date
Transaction Description	CHAR	Transaction Type Description (Max field- 250 characters)
ACH Standard Entry Class (SEC) Code	CHAR	ACH SEC Code or Blank if not an ACH transaction
ACH Company Id	99999999	ACH Company Id or Blank if not an ACH transaction

File#3: STOP - Stop Payment Information file

Field	Format	Description
Institution Number	99999999	Institution Id
System Code	1	1 = DDA
Account Number	99999999	Account Number
Stop Payment Date	YYYY-MM-DD	The date the stop payment was set up
Issue Date	YYYY-MM-DD	Will contain the same value as the Stop Payment Date
Payee	CHAR	Payee Name
Reason	CHAR	Stop payment reason description
Comments	Blank	Blank
Expiration Date	YYYY-MM-DD	Inactive date of the stop payment
From Number	999999999	Beginning check number of the stop payment
Thru Number	999999999	Ending check number of the stop payment. Same as beginning if not a range
From Amount	999999.99	Beginning amount of the stop payment. (Optional)
Thru Amount	999999.99	Ending amount of the stop payment. (Optional)
From Tran Code	Blank	Blank
Thru Tran Code	Blank	Blank

Additional Requirements:

- Requires DNA™ 4.0 or Higher
- Requires purchase or subscription to a third-party solution. Third-party solution is not included in the price of this app.
 - This DNAapp was originally designed to work with Centrix Solutions.
 - Vendors/solutions not listed may also work with this application; please check with your vendor of choice if they are not listed here.

Note: changes by third-party vendors to their systems, files and integration approaches that impact the functionality of this DNAapp are not covered under maintenance.

Configuration Checklist:

Item	Test Environment	Production Environment
Parameters		
Account User Field		
Major/minor account calculation type code (PPAY)		

Installation:

Note: If you obtained this application from the AppMarket, please disregard the installation instructions below. If you did not obtain this application from the AppMarket, please complete the installation instructions below.

Note: Contact your positive pay provider for instructions on configuring your positive pay solution to accept the extract file created by this DNAapp.

- Copy PS_POSITIVE_PAY_EXTRACT.SQT to the Batch Process to the PS batch application directory; the location specified in the PS Batch Report Directory 'BATP' Institution Option.
- This application includes custom stored procedures that need to be loaded on the database. As with any stored procedure, please do not load it while the system is in ONLINE mode, or while batch is running. To load the stored procedures please use the Oracle Object Manager in the SAF Resource Kit.

To download Resource Kit: On Extranet, go to Core --> SAF --> SAF Resource Kit Releases--> 'latest release' --> Download File. This will install the resource kit.

To run the utilities: Start --> All Programs --> Open Solutions Resource Kit will open windows explorer showing various utilities. Open OracleObjectManager and launch OSI.SafRk.OracleObjectManager.exe.

The SAF Resource Kit tools use Oracle client and therefore should preferably be run from App Server -- or at least from a machine that has Oracle client installed on it.

It is important that the following steps be performed in the exact order as follows.

The following stored procedures must be loaded first:

```
PACK_PS_COMMON_PACK_WRAP.SQL
PACK_PS_COMMON_PBOD_WRAP.SQL
PACK_PS_PIIPROTECTOR_PACK_WRAP.SQL
PACK_PS_PIIPROTECTOR_PBOD_WRAP.SQL
```

- This application requires the running of the script PS_POSITIVE_PAY_EXTRACT.sql and pack_PS_PIIPROTECTOR_install.sql (Setup Script). Copy this file to any directory accessible to the applicable SQL application (SQL Developer, PL/SQL Developer, etc.) You need to run the setup script to register the application.

This application requires an Authorization Key. After the primary installation instructions have been completed, you must apply the supplied Authorization Key for this application.

To enter the Authorization Key: Go to Services >> System >> Institution >> Applications >> Application Manager.

Revisions:

Date	App Version #	Change
11/2022	1.0.0.6	Added Check for Authorization.
10/2022	1.0.0.6	Modified for Voltage phase 3 and to populate the originator ID correctly.
06/2022	1.0.0.5	Handle EACH files like ACH files for retrieving SEC Code and Company Id Fields
09/2021	1.0.0.4	Changed reference to AppMarket
01/2021	1.0.0.4	Added 8UVB (control of accounts to process) and 8ANC(Analysis Code to use) parameters.
08/2020	1.0.0.3	Changed label to Fiserv Confidential
02/2018	1.0.0.3	Documentation update - Added Fiserv Confidential Label
11/2017	1.0.0.3	Add option to prevent dates as part of file names
04/2017	1.0.0.2	Increased file width to accommodate large transaction descriptions.
12/2016	1.0.0.1	Added parameter 8ADY for Transaction description
1/2015	1.0.0.0	Application Created