Debit Card Network Reconciliation

DebitCardNetworkReconciliation.dnax
Extension Id: 1030de0a-be69-4934-82b6-c14718510169

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Overview:

This program will provide reports which will enable the user to reconcile debit card transactions appearing in DNA with those reported by Fiserv Card Services. This program compares ATMRECON.CSV to the CD10 report and outputs a list of exceptions. In addition, it uses the totals in the IF67 file to verify that all exceptions were indeed reported.

Key Benefits:

This DNAapp can save the accounting departments of an institution 20 to 40 minutes daily.

The standard reconciliation process works as follows: First the details of each transaction is extracted from CD10 using Altair® Monarch®. The output from Monarch is a csv file. This csv file is compared with ATMRECON.csv via a Microsoft Access database. The output of this access program is fed into Excel and then manually sorted through to come up with the final exceptions.

This App accomplishes all this and more with one click. Using a new screen within the DNA interface, the user can select the three files CD10, ATMRECON and IF67 from a local filesystem. When the “Process” button on the screen is clicked, the comparison is done and any exceptions are written to a file.

Finally, in addition to the match-off process, this program checks its own work, comparing the exception totals from the match-off to the difference in totals from the IF67 and ATMRECON.

Processing:

This program is launched from a new screen called Debit Card Network Reconciliation.

Once the screen is opened, there are three buttons to select the three files ATMRECON.CSV, EFT_CD10_1_*date*.txt and EFT_IF67_1_*date*.txt.

Both the ATMRECON and CD10 are reports of Debit Card transactions. The ATMRECON originates from DNA, while the CD10 report comes from Fiserv Card Services. The IF67 file is a totals file.

Once the three files are selected, one just clicks the process button to produce the exceptions report and a totals report.

This app will parse both the CD10 and ATMRECON files, compare them transaction by transaction and write out any unmatched transactions to the exceptions file for further review. The app also separately verifies the results by confirming that the total of the exceptions matches the differences in totals extracted from the IF67 file.

The contents of the Totals file will be printed out in the text box, along with the name and location of the exceptions file.

Input Files:

- **ATMRECON.CSV** - This file is produced by DNA.
- **EFT_CD10 -** This file obtained from Fiserv Card Services' Client Central
- **EFT_IF67 -** This file is obtained from Fiserv Card Services' Client Central

Output Files:

ATMRecon_CD10_Exceptions.csv

```
CardNumber, Account, Sequence, Comment, Tran Code, Amount , Date Time , Address
**********************************Raw RESULTS*********************************************
#77777777777, 888888888, 523253, ,PWTH, 41.00, 01-23-2018 21:19:12, , NMOSI
#6756756767567,3434343434, 5777, ,DWTH, 52.24, 01/2311:57,CORVALLIS 1007 SE 3RD ST , NMSW
```

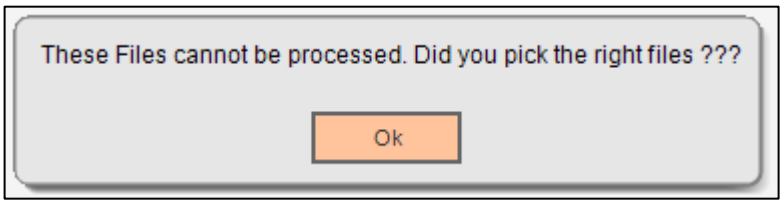
ATMecon_CD10_Totals.txt

```
DR/CR Tot from IF67: 1947437.58
ATMTOT i.e. signed totals from ATMRecon: 1947325.85
DR/CR tot - ATMTOT: 111.73
Signed Total of all the transactions from exceptions file :111.73
The exceptions can be found in: Q:\0403\ATMRecon_CD10_Exceptions.csv
```

Application Messages:

The following application message is included with this application.

- If any of the input files are not formatted as expected, or any of the files have not been selected before processing, the following message is displayed "These Files cannot be processed. Did you pick the right files ???"



Real-time Interaction with Other Applications:

None

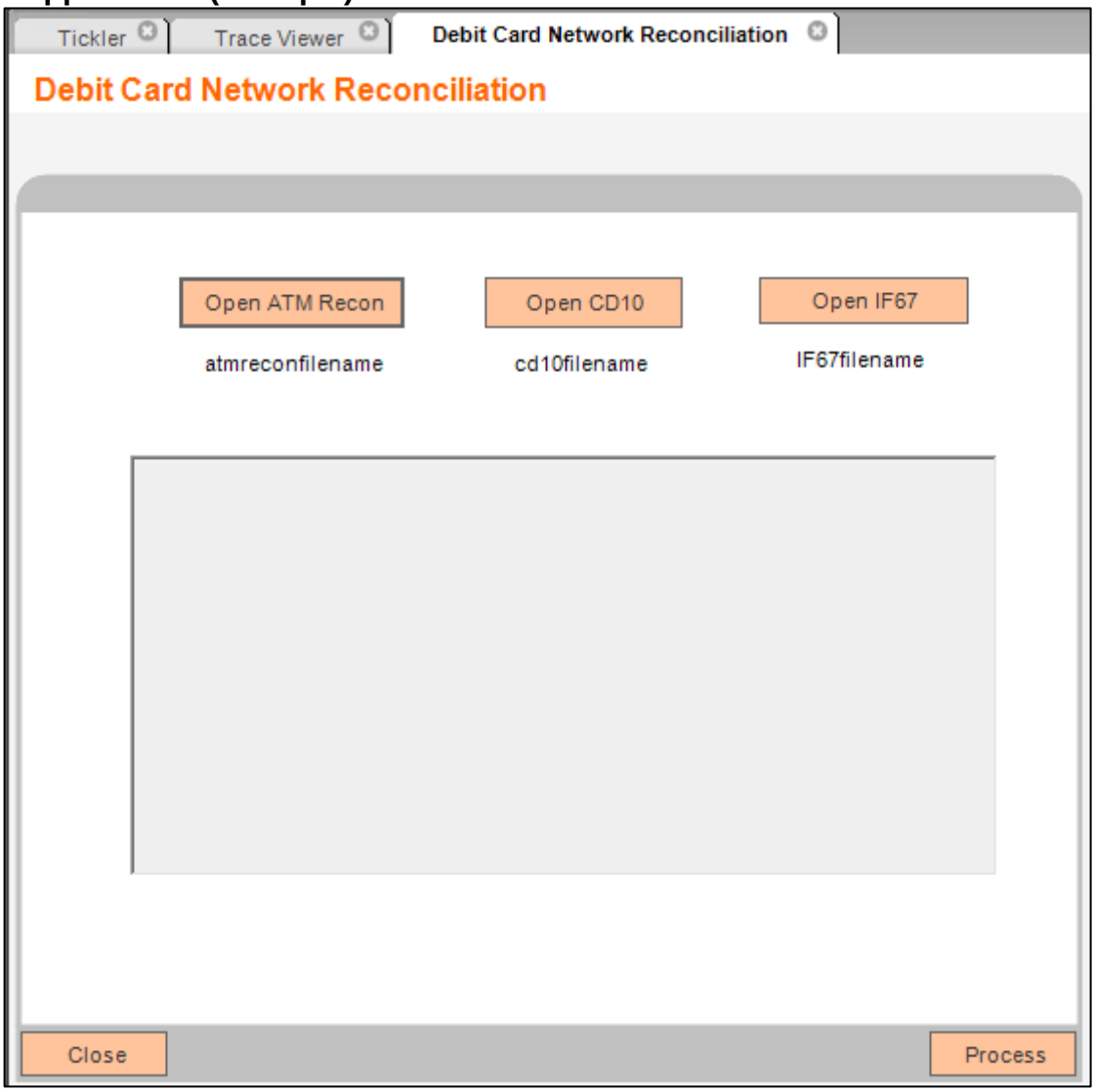
Screens:

Debit Card Network Reconciliation

Navigation

Services Module:
Services > Batch > Load and Manage Files > Create Exception Report

Screen Appearance (example):



Field Listing:

Field	Description
Buttons	
Open ATM Recon <Button>	Opens a file browse dialog box to select the ATMRECON.CSV file.

Field	Description
Open CD10 <Button>	Opens a file browse dialog box to select the EFT_CD10_1_date file.
Open IF67 <Button>	Opens a file browse dialog box to select the EFT_IF167_1_date file.
Process	This button begins the reconciliation process and produces the output file.
Close	This button closes the Debit Card Network Reconciliation screen.
Text Box	
	This text box displays the contents of the totals file after processing is complete.

Authorization:
These Authorization Items must be linked to an Authorization Code. Users with the Authorization Code will have access to this screen. If permissions are granted, the user can access the Debit Card Network Reconciliation screen and process files.

Authorization Item Code	Description
AINQ	Account Inquiry

Additional Requirements:

Before executing this application, the Financial Institution requires the following prerequisites at their environment:

- DNA 4.4.2.3 or higher
- The ATMRECON, CD10 and IF67 to be located in the same folder, and that folder must be accessible to DNA.

Configuration Checklist:

Item	Test Environment	Production Environment
The user should have access to the “Services> Batch > Load and Manage Files” menu.		

Revisions

Date	App Version #	Change
9/2022	1.0.0.10	Updated user manual per latest template.
11/2019	1.0.0.10	Changed program to handle any unknown Tran codes. These were throwing trace errors. The program was also updated to handle a format change in the IF67 file.
05/28/2019	1.0.0.8	Added additional error handling.
03/2019	1.0.0.1	DNAapp Created