



ATM Testing Tool

PS_ATMTXNTOOLSCREEN.dnax
DNAapp ID 4483a93e-73a3-4895-8b3b-b4660b36031c

Fiserv Confidential: Distribution restricted to:

- Clients using or considering purchase of the product described in this document
- Fiserv associates

© 2021 Fiserv, Inc. or its affiliates. All rights reserved. This work is confidential, and its use is strictly limited. Use is permitted only in accordance with the terms of the agreement under which it was furnished. Any other use, duplication, or dissemination without the prior written consent of Fiserv, Inc. or its affiliates is strictly prohibited. The information contained herein is subject to change without notice. Except as specified by the agreement under which the materials are furnished, Fiserv, Inc. and its affiliates do not accept any liabilities with respect to the information contained herein and is not responsible for any direct, indirect, special, consequential or exemplary damages resulting from the use of this information. No warranties, either express or implied, are granted or extended by this document.

<http://www.fiserv.com>

Fiserv is a registered trademark of Fiserv, Inc.

Other brands and their products are trademarks or registered trademarks of their respective holders and should be noted as such.

Overview:

This application provides the ability to post real-time ATM/POS Transactions in a test environment through a screen. The ATM Transaction Testing Tool screen is accessible from the “Other” menu in Transactions main module as “ATM Transaction Testing Tool”.

This screen has all necessary fields to post ATM/POS transactions, i.e. Account Number, Card Agreement, Terminal ID, Pinned or Signature verified transaction, Transaction Type, Transaction Amount, Process type, Merchant Name and Transaction description. The Screen uses an ISO 0200 message to post card transactions.

When the screen is loaded, the application first checks the value of the ‘Use Test System’ Institution Option. If set to ‘Y’, the screen is loaded for processing.

If the value of the ‘Use Test System’ Institution Option is set to ‘N’, the application proceeds to check the value of the system level variable ‘Go-Live Date’. If the variable value is set to <Blank> or a past date, a validation error message ‘This transaction can be processed in Test Environment OR in Production when Go-Live Date set to future’ appears on the screen.

This tool is intended for use in a test environment only; the ‘Go-Live Date’ option is provided for the benefit of institutions still in the DNA Implementation process. This tool is not designed to be used in a live Production environment.

Key Benefits:

This application increases efficiencies by providing real-time means to generate card transaction data in a testing environment.

Processing:

This screen is accessible from the Transactions module > Other menu > ATM Transaction Testing Tool.

Users may enter all applicable data in the following provided fields:

- Account Number
- Card Agreement
- Terminal ID
- Pinned or Signature verified transaction
- Transaction Type
- Transaction Amount
- Process type
- Merchant Name
- Transaction description.

On successful process, a validation message appears to display the posted transaction details, i.e. Card Transaction Number and Agreement Number. In the event that the transaction type is not associated to the given card agreement, or other DNA setup required for card processing is not completed, the transaction is not processed and a message ‘Function Not Supported’ appears.

Variables:

This screen uses the following institution level variables.

Category Code	Category Description
8ATT	ATM Transaction Tool

Type Code	Type Description
8ATT	ATM Transaction Tool

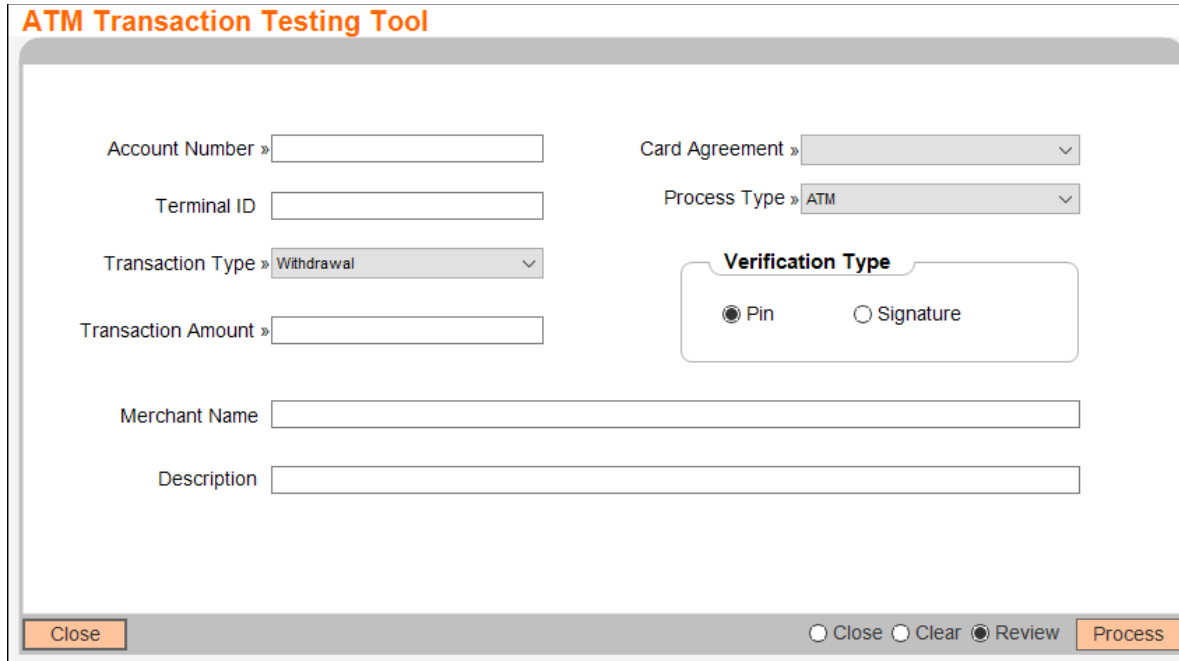
Variable	Code	Description	Data Type	Default
Retrieval Reference Nbr	8AT4	The Retrieval reference Number to be used for the ATM transaction.	STR	<BLANK>
SIC Code	8AT5	The SIC code to be used for the ATM transaction.	STR	99
SIC Sub Code	8AT6	The SIC Sub code to be used for the ATM transaction.	STR	9999
Entry Mode	8AT7	The Entry mode to be used for the ATM transaction.	STR	000
Track 2 Data	8AT8	The Track2 data to be used for the ATM transaction.	STR	581173992249023019 =991217777779
Go-Live Date	8GLD	The Go Live Date	DATE	<BLANK>
Debug YN	DBYN	A flag to indicate about whether to insert debug data for the Card Transaction	YN	N
ATM/POS Deposit ProcessType	8ADP	Deposit Process Type Code for ATM and POS	NUM	21
ATM Withdrawal ProcessType	8AWP	Withdrawal Process Type Code for ATM	NUM	1
POS Withdrawal ProcessType	8PWP	Withdrawal Process Type Code for POS	NUM	0

Note: This process does not populate the entry mode in the CardTxn table.

Custom Screen:

Navigation: Services > Transactions > Other > ATM Transaction Testing Tool

Screen Appearance:



Field Listing:

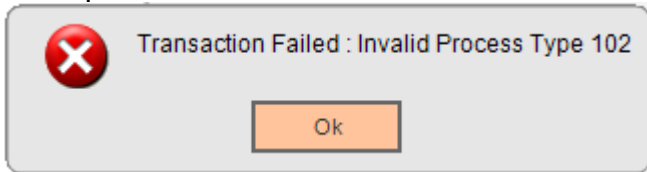
Field	Description
Account Number	Required. Account Number to post the transaction.
Card Agreement	Required. The list is populated with Card agreements linked with the Account Number. This dropdown displays the External Card Number (masked and last 4 digits), Agreement Type Code and Agreement Number in a fixed format. i.e. XXXXX1234-ATM-123456789.
Terminal ID	User is required to provide the terminal ID of the ATM/POS machine. This is the PhysAddr from NtwkNode table where NtwkNodeTypeCd = 'ATM'.
Process Type	Required. Valid Values are ATM and POS. ATM is selected by default.
Transaction Type	Required. Transaction Type Code. Valid options are Withdrawal or Deposit. Withdrawal is selected by default.
Transaction Amount	Required. ATM transaction amount.
Verification Type	Required. Indicates if the transaction is a PIN or Signature transaction. Pin radio button is selected by default.
Merchant Name	Name of the merchant.
Description	External Description of the transaction. Blank filled. User can input any desired description for the transaction. e.g. address of terminal location.
Process	On click, the test ATM transaction is processed. A validation message is presented to confirm the transaction details.
Close	On click, the screen is closed.

Application Messages:

The following error messages are applicable in this app:

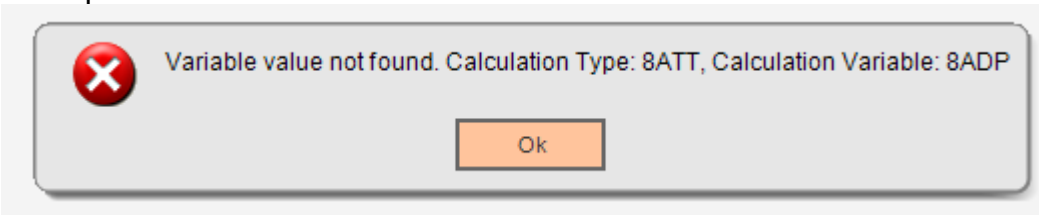
An error message is displayed when an invalid process type code is set to variables (8ADP, 8AWP or 8PWP).

Example:



If no value is provided in variables (8ADP, 8AWP or 8PWP), an error message 'Variable value not found' is displayed along with respective calculation type and calculation variable code.

Example:



Authorization:

This screen uses Transaction Express (TE) auth-item with appropriate permissions.

Authorization Item Code	Description
TE	Transaction Express

These Authorization Items must be linked to an Authorization Code. Users with the Authorization Code will have access to this screen.

Additional Requirements:

- Requires DNA 4.6.2 or higher

Configuration Checklist:

Item	Test Environment	Production Environment
Variables		
Authorization Items		

Installation:

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

Install the application through DNA Configuration Toolkit. The instruction to run and use toolkit should already be delivered along with DNA Configuration Toolkit.

If you have any questions while using these tools, please contact the Client Care group for assistance.

Revisions:

Date	App Version #	Change
05/2021	1.0.0.1	App is updated to make the value of Process Type Codes used by the app configurable.
03/2021	1.0.0.0	Initial Version Created