



Transaction Gateway 9.0 Release Notes

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Introduction

Release Notes Overview

The release notes for Transaction Gateway 9.0 are presented in two sections and provide the following information:

- **Enhancements and Modifications** – an overview of new product features and functionality for this product release.
- **Acceptance Test Scripts** – a series of test scripts used to review and become familiar with the new features and functions for this product release. At least one script is provided for each new enhancement.

Enhancements and Modifications

Enhancements and Modifications for Release 9.0

This section describes the enhancements and modifications contained in this release of Infopoint Transaction Gateway.

- Support for DB2 has been added using Infopoint Runtime Components API/Scalability.
- The teller ID, teller password and cash drawer IDs are now 8-position alphanumeric fields.
- A security option is now available using external security which includes the ability for a teller to change their password.
- Performance improvement for Batch Feed processing facilitates the following:
 - Reduces the amount of dynamic store by 80% for ACH transactions.
 - Uses the PURGETHRESH parameter of TCLASS to control the maximum number of transactions that can be queued.
 - Uses the TLLOG queue show data for tuning the TCLASS parameters.
 - Updates, through program TLL200, the batch feed records instead of performing a start task back to feeder program TLL050. This reduces the number of transactions being queued.
 - Provides recovery capability when Transaction Gateway is down.
- Reduction in disk space for the AM and PM log records through:
 - Using Runtime API compression which reduces the average record from the full length of 1463 to 300 positions.
 - A MICM option which controls logging inquiry transactions (transaction code 1410).

- Not logging unnecessary records such as:
 - Teller record maintenance
 - Message waiting
 - Cash inquires
 - Cash balance counting
 - Log lookups
 - Stop payments
 - Booked passbook transactions
 - Settlement transactions

- Use of international date formats.

- Automatic start of host forward processing now allowed.

- Renewal information is printed on passbooks. (This requires the next release of Time Investment.)

- Special handling codes 7–12 have been added to support Infopoint Deposits 8.5.

- A new information byte code for pending close status has been provided.

- One step closeout transaction has been added to allow outstanding checks amount entry when performing a closing inquiry or closing withdrawal transaction.

- New non-monetary transaction code has been added that supports Infopoint Deposits transaction codes 0485, 0486, 0885 and 0886.

- MICM Record 0245 (General Ledger) is now used instead of the older MICM Record 0244.

- Ability to add a teller in batch is provided.

- MVS console operator is notified when Transaction Gateway is unavailable.

Acceptance Test Scripts

This section contains at least one acceptance test script for each user-level enhancement within this release of Infopoint Transaction Gateway. The scripts are based on test files and data delivered on the product media.

Note: It is recommended that you run the scripts *after* the installation verification.

The acceptance test scripts have been created to verify that each of the new enhancements meets the business requirements and are intended to be executed by a user who is very familiar with the system.

The steps must be completed in the order they are presented. If during the performance of any of the procedures, the data you are verifying on your panel or report does not match the data presented, review the steps of the procedure and write this information down. If there is an unknown reason for the discrepancy, contact TriSyn Group Support for instructions and have ready a record of the steps you have performed.

Note: If Deposits 8.5 is installed, you will need to work closely with your Deposits team to set the conditions for testing. Also, Script 2 (Deposits and Transaction Gateway) is applicable only if Deposits 8.5 is installed.

1 – API Scalability and Field Expansion

1-01 – Alphanumeric Sign-on

This acceptance test script is used to verify that alphanumeric characters can be entered for the teller ID, password and cash drawer ID.

Business Requirements Description

- Modify Transaction Gateway to be scalable. This requires the application to become API.
- Expand the teller ID, password, and cash drawer fields to eight alphanumeric positions.

Prerequisites

Transaction Gateway 9.0

Verification Instructions

- Step 1 Type **sgon** from a blank CICS screen and press [Enter]. The Infopoint Sign On/Change Institution panel displays. Type **tloper** in the Operator ID and Password fields and press [Enter]. The Transaction Gateway Menu displays.
- Step 2 Type **tlteller** and press [Enter]. The Transaction Gateway Transactions Menu displays.
- Step 3 Type **tltl** and press [Enter]. The TLTL – Signon/ Signoff panel displays.
- Step 4 Enter the following data:
- | | |
|--------------------|---|
| Transaction Code | 60 |
| Branch Number | 1 |
| Teller Id | tloper |
| Teller Password | tloper |
| Cash Drawer Id | tloper |
| Cash Drawer Amount | sign-off amount upon completing the Installation Verification |
- Press [Enter]. A message displays in the right corner of the panel, indicating that you have signed on.
- Step 5 Press [PF3]. The TLTL - Control Menu displays.

- Step 6 Type **1** in the Operating Mode field and press [Enter]. The TLTL – Signon/Signoff panel displays.
- Step 7 Type **560** in the Transaction Code field and the sign-on amount in the Cash Drawer Amount field. Press [Enter]. A message displays, indicating that you have signed off.
- Step 8 Press [Clear] to return to Transaction Gateway Transactions Menu.
- Step 9 Type **sgof** on the Command line to sign off of MICM.

Special Considerations

None

Expected Results

Alphanumeric characters can be entered for the teller ID, password and cash drawer ID.

2 – Deposits and Transaction Gateway

2-01 – Expansion of Deposits Special Handling Codes

This acceptance test script is used to verify that:

- Special handling codes 7–12 display data as they are set up in Deposits.
- Transactions are rejected when the account status is set to pending close.

Business Requirements Description

The following requirements are the result of an enhancement to Deposits.

- Add special handling codes 7 – 12 to the Transaction Gateway Balance Record, Log Record, and Response Format 02.
- Add an informational byte on Response 02 for pending close status.

Prerequisites

- Deposits Release 8.5 and higher.
- Account must be set to pending close.

Verification Instructions

- | | |
|--------|--|
| Step 1 | During verification testing, MICM operator ID, TLOPER, was established as a teller ID and is needed to sign on to Transaction Gateway. If you do not have access to Deposits, contact your MICM security person to gain TLOPER access to Deposits. |
| Step 2 | Meet with your Deposits team to run program DPD210 which produces the Stand Alone Trial Balance report. From this report, select two active DDA accounts whose Dormant field (the heading is 'D') and Status field (the heading is 'St') contains a space. |
| Step 3 | If you did not add TLMICMDP as part of the installation process, insert data member TLMICMDP into MID090 following the MICRDC control card. |
| Step 4 | Run program MID100 which takes the output from MID090. |

- Step 5 Run program MID200 which takes the output from MID090. The job stream for MID200 has two steps which execute MIR050 (to close and open the files). Modify the first card after MICARD in steps MIR050R and MIR050U. The card may look like this:
- ```
001&APPLID cicsdexx = A01ICDVX
```
- Note:** You will need to change &APPLID to the CICS region where the MICM files reside.
- Step 6 Type **sgon** from a blank CICS screen and press [Enter]. The Infopoint Sign On/Change Institution panel displays. Type **tloper** in the Operator ID and Password fields and press [Enter]. The Transaction Gateway Menu displays.
- Step 7 Type **dpmicm** on the Command line and press [Enter]. The Deposits MICM Menu displays. Type **3000** on the Command line and press [Enter]. MICM Record 3000 (Deposits Institution Processing Parameter) displays. Press [Enter] again to go to the second panel. Be sure the Pending Close field on this panel is set to 'Y'. Press [Clear] to return to the Deposits MICM Menu.
- Note:** Refer to the Deposits 8.5 *Procedures Guide* on how to set up MICM Record 3000 for pending close and the proper transaction code.
- Step 8 Type **0231** on the Command line and press [Enter]. The key panel for MICM Record 0231(Application Edit Table) displays. Enter the following data and *one* value in the Table Number field, depending on which special handling code (7 – 12) you choose:
- |                  |                                      |
|------------------|--------------------------------------|
| Function:        | <b>b</b>                             |
| Application Nbr: | <b>01</b>                            |
| Table Number:    | <b>25</b> (special handling code 7)  |
|                  | <b>26</b> (special handling code 8)  |
|                  | <b>27</b> (special handling code 9)  |
|                  | <b>28</b> (special handling code 10) |
|                  | <b>29</b> (special handling code 11) |
|                  | <b>30</b> (special handling code 12) |
- Step 9 Check each account type that you have selected. The account type can be found under the Type heading on the Standalone Trial Balance report that you printed in Step 2. Enter the type in the Type field and press [Enter]. The primary panel for MICM Record 0231(Application Edit Table) displays.
- Step 10 Verify that the account type on the panel is the same account type that you entered. If the key is not found, the next record available on browsing displays. If the correct record displays, perform a screen print so you can have the values in Step 17. If an incorrect record displays, enter any value in the Special Handling Code field. Press [Clear] to return to the Deposits MICM Menu.

- Step 11 Type **sgof** on the Command line and press [Enter] to sign off of MICM.
- Step 12 Select the first account to create a Closeout Transaction (ITC 0790) that does not zero out the balance but flags the account as “pending close”. To do this, set up Deposits Form 10 which will be used as input to program DPD100 and process a daily cycle of Deposits before proceeding.
- Step 13 Verify that the item has posted on 01-007 – Transaction Journal and request an account dump by running program DPR160. Make sure the account status is ‘E’, indicating pending close.
- Step 14 Type **sgon** from a blank CICS screen and press [Enter]. The Infopoint Sign On/Change Institution panel displays. Type **tloper** in the Operator ID and Password fields and press [Enter]. The Transaction Gateway Menu displays.
- Step 15 Type **dpmenu** and press [Enter]. The Deposits Menu displays. Type **dpacct** on the Command line and press [Enter]. The key panel for DPDS1 – DDA/Savings New/Maintenance 1 displays.
- Step 16 Enter the following data:
- |                |                                   |
|----------------|-----------------------------------|
| Function       | <b>m</b>                          |
| Account Number | second account selected in Step 2 |
| Application    | <b>dda</b>                        |
- Press [Enter]. The primary panel for DPDS1 – DDA/Savings New/Maintenance 1 displays.
- Step 17 The Special Hndlg field (near the bottom of the panel) shows special handling codes 1 – 12. Tab to codes 7 – 12 to view the values. If this field is blank, type a code and press [Enter] to update the account. If you did not find a value in Step 10, enter an alphanumeric character in one or all Special Handling Codes 7 – 12.
- Step 18 Upon successfully updating the second account, press [Clear] to return to the Deposits Menu. Type **sgof** on the Command line and press [Enter] to return to a blank CICS screen.

- Step 19
- At this point, assuming that you have executed the verification test script, execute the daily job stream in the following order.
- Run the TLEODAYJ job stream for Transaction Gateway which provides reports from the verification tests.
  - Run the TLAPREFJ job stream to close the Transaction Gateway files. Verify that the JCL has the Deposits 8.5 DPVSAMDD member included so that you can update the Transaction Gateway Balance Record with the above updates from application posting and dummy out the Time Investment and Installment Loans files.
  - Run the TLSODAYJ job stream which includes the final steps to begin online processing as well as PM forward processing (which should not have any data).
- Note:** You must delete the TLSODBK file created during the Installation Verification *prior* to this step.
- These individual job streams execute TLR030 which opens and closes the Transaction Gateway files. Be sure to verify the control card in each instance. Refer to the *Reference Guide* for more information.
- Step 20
- Type **sgon** from a blank CICS screen and press [Enter]. The Infopoint Sign On/Change Institution panel displays. Type **tloper** in the Operator ID and Password fields and press [Enter]. The Transaction Gateway Menu displays.
- Step 21
- Type **tteller** on the Command line and press [Enter]. The Transaction Gateway Transactions Menu displays. Type **tlop** on the Command line and press [Enter]. The TLOP – System Operator panel displays.
- Step 22
- Type **C** in the Warm/Cold Start field and **3** in the Choose a function field and press [Enter]. Press [PF6] to continue. This ensures that the DDA application is marked as available.
- Step 23
- Enter the following data:
- |                    |           |
|--------------------|-----------|
| Choose a function  | <b>8</b>  |
| Inst Number        | <b>1</b>  |
| Application Number | <b>01</b> |
- Press [Enter]. A message displays in the upper right corner of the panel, indicating the application is available. Press [PF3] to return to the Transaction Gateway Transactions Menu.
- Step 24
- Type **tltl** on the Command line and press [Enter]. The TLTL – Signon/Signoff panel displays.

Step 25

Enter the following data:

Transaction Code      **0060** (if using code provided by TriSyn Group)  
Branch Number        **1**  
Teller Id              **tloper**  
Teller Password      **tloper**  
Cash Drawer Id       **tloper**  
Cash Drawer Amount   amount from previous sign-off

Press [Enter]. This function assumes you have not performed any other transactions since the Installation Verification. The correct dollar amount displays in the upper right corner of the panel if the dollar amount is wrong. A message *Teller signed on* displays when you have successfully signed on.

Step 26

Press [PF6]. The TLTL – Transaction Entry panel displays. Perform an account balance transaction on the second account that was used for the special handling codes. Enter the following data:

Transaction Code      **1410**  
Application Number    **01**  
Account Number        account number used in Step 16

Press [Enter]. The TLTL – Transaction Reply Display Panel 1 displays.

Step 27

Press [PF8]. Transaction Reply Display Panel 2 displays. The Special Codes field contains the 12 special handling codes. The change made in Step 17 should display in positions 7 – 12, depending on which special handling code you modified. Press [PF6]. The TLTL – Transaction Entry panel displays.

Step 28

Enter the following data:

Transaction Code      **1010** (if using code provided by TriSyn Group)  
Transaction Amount    **10.00**  
Cash Amount           **10.00**  
Application Number    **01**  
Account Number        account number used in Step 12

Press [Enter]. This transaction rejects since the account is pending close. Press [PF6]. The TLTL – Transaction Entry panel displays.

Step 29

Enter the following data:

Transaction Code      **1410** (if using code provided by TriSyn Group)  
Application Number    **01**  
Account Number        account number used in Step 12

Press [Enter]. The TLTL – Reject Reply Display panel displays, indicating that the account is closed.



Step 30 Press [Enter]. The Transaction Reply Display 1 panel displays. Press [Enter] again. The Transaction Reply Display 2 panel displays. The Account Status field should contain an 'E', indicating a pending close status.

Step 31 Press [PF3] to return to the TLTL – Control Menu.

### Special Considerations

None

### Expected Results

- In Step 27, special handling codes 7 – 12 display the data set up in Step 17.
- In Step 28, the transaction rejects because the account is in pending close status.

## 2-02 - One-step Closeout

This acceptance test script is used to verify that the entry of an outstanding check amount is allowed when performing a closing inquiry.

### Business Requirements Description

- Allow the entry of an outstanding check amount when doing a closing inquiry (ITC1411) or a closing withdrawal (ITC 1520) transaction.
- Return the following three fields in the Response for the same transactions: Outstanding Check Amount, Service Charge Amount and Debit Card Authorization Amount.

### Prerequisites

Deposits Release 8.5 and higher. (Online interface modules for earlier releases and other products ignore the closeout outstanding check amount.)

### Verification Instructions

Step 1 Select a DDA account from the Trial Balance Report produced in Step 2 of the previous test. Press [Enter] at the TLTL – Control Menu (your location as you finished the previous test). The TLTL – Transaction Entry panel displays.

Step 2 Enter the following data:

Transaction Code      **1410** (Account Balance/Inquiry)  
Application Number    **01**  
Account Number        your selection from report

Press [Enter]. Assuming no special conditions exist for the account such as Stops, dormant status, etc., the TLTL – Transaction Reply Display 1 panel displays. Verify that the account has sufficient money to cover outstanding items totaling \$300. Note the interest penalty, interest earned not paid, and federal withholding amounts.

**Note:** If special conditions exist, the TLTL – Reject Reply panel displays. Press [PF8] to display the TLTL – Transaction Reply Display 1 panel and then press [PF6] to return to the TLTL – Transaction Entry panel.

- Step 3 Press [PF5] to refresh the panel from the Account Balance/Inquiry transaction. Type **1411** (Closing Transaction Inquiry) in the Transaction Code field. Press [PF16]. The TLTL – Loan Entry Display panel displays.
- Step 4 Type **300.00** in the Cls-out Chk Amt field. Press [Enter]. The TLTL – Transaction Reply Display 1 panel displays. The closing balance should be your available balance displayed in Step 2 plus interest earned not paid, less interest penalty, federal withholding and close out check amount.
- Step 5 Press [Clear] to return to the TLTL – Control Menu.

### Special Considerations

None

### Expected Results

The Closing Transaction Inquiry provides the current balance plus interest earned less the close-out check amount (\$300), interest penalty (if any), service charge amount (if any) and federal withholding (if any).

## 2-03 – Non-monetary Transactions

This acceptance test script is used to verify that non-monetary transactions are allowed.

### Business Requirements Description

Allow non-monetary transactions to be entered through the Transaction Gateway application and then extracted to the Deposits application. These transactions do not update the balance or markup fields on the application's master record or on the Transaction Gateway Balance Record.

This enhancement provides basic input processing (through TLL200) and extracts changes only (through TLD900).

### Prerequisites

- Deposits Release 8.5 and higher.
- MICM Record 0151 (Transaction Gateway Transaction Processing Table) needs to be set up for Application 01 for Transaction Gateway transactions 1075 (Credit Non-balance) and 1575 (Debit Non-balance). These codes are used for both the external and internal transaction codes. The transactions should be flagged for extract. The application's external and internal transaction codes should be 485 (Credit) and 885 (Debit).

### Verification Instructions

- Step 1 Press [Clear] at the TLTL – Control Menu (your location as you finished the previous test). The message `Did you remember to sign off?` displays. Press [Clear] twice. The Transaction Gateway Menu displays.
- Step 2 Type **tlmicm** on the Command line and press [Enter]. The Transaction Gateway MICM Forms Menu displays.
- Step 3 Type **chnrg,0** on the Command line and press [Enter]. The institution changes to zero. Type **0151** and press [Enter]. The key panel for MICM Record 0151 (Transaction Gateway Transaction Processing Table) displays.
- Step 4 Enter the following data:
- |             |            |
|-------------|------------|
| Browse      | <b>m</b>   |
| Branch      | <b>0</b>   |
| Application | <b>01</b>  |
| External Tc | <b>485</b> |
- Press [Enter] to verify that the transaction is valid.

- Step 5 Press [Clear] to return to the Transaction Gateway Menu. Type **chng,1** on the Command line and press [Enter]. The institution changes to one.
- Step 6 Type **tlteller** on the Command line to access the Transaction Gateway transactions and press [Enter]. The Transaction Gateway Transactions Menu displays.
- Step 7 Type **tltl** and press [Enter]. The TLTL – Transaction Entry panel displays. Select a DDA account from the Transaction Journal printed in Step 2 of Acceptance Test Script 2-01 (Expansion of Deposits Special Handling Codes) and enter the following data:
- |                    |                                       |
|--------------------|---------------------------------------|
| Transaction Code   | <b>1410</b> (Account Balance Inquiry) |
| Application Number | <b>01</b>                             |
| Account Number     | your selection from report            |
- Press [Enter]. The TLTL - Transaction Reply Display 1 panel displays. Keep track of the available and current balances that display.
- Step 8 Press [PF6]. The TLTL - Transaction Entry panel displays. Press [PF5] to refresh the panel with the information that you entered for the Account Balance Inquiry transaction.
- Step 9 Enter the following data:
- |                     |                                          |
|---------------------|------------------------------------------|
| Transaction Code    | <b>0485</b> (SC Accum Number Adjustment) |
| Transaction Amount  | <b>10.00</b>                             |
| Check Serial Number | <b>11</b>                                |
- Press [Enter]. This transaction adjusts the accumulator in Deposits posting. The current balance and available balance should match the current and available balances that were displayed in Step 7.
- Step 10 Press [Clear] to return to the TLTL - Control Menu. Type **1** in the Operating Mode Is field and press [Enter]. The TLTL – Signon/Signoff panel displays.
- Step 11 Enter the following data:
- |                    |                                                |
|--------------------|------------------------------------------------|
| Transaction Code   | <b>560</b>                                     |
| Cash Drawer Amount | last signon amount (plus any adjustments made) |
- Press [Enter]. If your closing amount is wrong, the correct amount displays in the upper right corner. Simply change the dollar amount and press [Enter]. The Transaction Gateway Menu displays.
- Step 12 Type **sgof** on the Command line and press [Enter] to return to a blank CICS screen.

### **Special Considerations**

None

### **Expected Results**

Available and current balances displayed in Steps 7 and 9 will be equal.