

What's New in Temenos Transact

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Release Highlights

Banking Framework

Generic Account Interface » Reversing or Reposting GAI Booking Request Manually

When the booking entries created through Generic Accounting Interface (GAI) move to a suspense account due to an error or override, the user can now either reverse the amount from the suspense account or cancel the transaction through GAI instead of creating Funds Transfer through GAI parameterisation. To support this functionality, the *Request Type* field in the `GENERIC.ACCOUNTING.REQUEST` application is enhanced with Post and Reserve options.

Click [here](#) to understand the installation and configuration updates for this enhancement.

The topics related to this feature are given below:

[Introduction to Reversing or Reposting GAI Booking Request Manually](#)

[Introduction to Archiving GAI and GAR Transactions](#)

Transaction Recycler » Transaction Recycler Process

Transaction Recycler can now process the settlement of transactions through Generic Accounting Interface (GAI) based on the parameterisation done in the *Settlement Type* field in `RC.TYPE`. Transactions can be processed through Generic Accounting Interface (GAI), where FT is not installed and ACCCSM is installed.

Click [here](#) to understand the technical impact of this enhancement for customisation and upgrades.

Click [here](#) to understand the installation and configuration updates for this enhancement.

The topic related to this feature is given below:

[Transaction Recycler Process](#)

Delivery » Interim or Intra-day Transaction Report

The statement for the message type MT942 can now be generated independently of MT941, that is, the entries of MT942 message type can be filtered only based on the last MT942 statement, which contains the list of entries since the last MT942 statement.

The topic related to this feature is given below:

[Interim or Intra-day Transaction Report](#)

Regional Banking Solutions

Argentina Model Bank

Accounts » Pre-Closure Fees for Loans

This functionality provides the ability to apply a pre-closure fee when pre-closing a loan based on the following rules, created as a parameter:

- If the customer performs the activity of closing the loan within a certain number of months, or,
- If the customer performs the activity of closing the loan before the term of the loan divided by a number defined in the configuration created. If the value is greater than the actual active date of the arrangement, then the system will apply the pre-closure fee of 2% (this value is parameterisable).

New fields have been added to the `AA.PRD.DES.CLOSURE` application to store the period and the term fraction in which the pre-closure fee will be collected and new configuration records have been introduced for the Argentinian loan products to define the cooling period when the pre-closure fees will not be collected.

The topic related to this feature is given below:

[Accounts](#)

Australia Model Bank

NPP Cuscal Instant Payments Interface and Address Resolution » Payments Interface

New Payments Platform (NPP) offers services like *Pay Id* management, address resolution and faster payments. NPP Payments Partner (CUSCAL) is one of the major service providers for NPP. CUSCAL clients, the indirect participants connect with NPP via the CUSCAL Application Programming Interface (API's).

This functionality allows banks to interface with the API's to support CUSCAL NPP requirements.

A new interface layer has been created to support a wide range of services offered by NPP via CUSCAL. The API's interfacing with CUSCAL are RESTful API's which have synchronous request and response messages.

The topic related to this feature is given below:

[NPP Cuscal Instant Payments Interface and Address Resolution](#)

Withholding Tax and Trust Income Distributions » Generic API's

This functionality allows users to manage the securities trades, portfolios income expenses, securities tax profiles, securities income distributions, portfolios income expense types, securities tax classes, fiduciary orders, securities income withholding tax, securities master tax classes, entitlements withholding taxes and stapled securities.

The following items have been released as part of this functionality:

- The SEC.TRADE, AUWHTX.API.CREATE.ST.1.0.0 version allows banks to create, update and retrieve a security trade.
- The AUWHTX.INCOME.DIST.ENTRY, INPUT version allows banks to retrieve the details of an income distribution.
- The AUWHTX.INCOME.WHT.DETAILS, INPUT version allows banks to retrieve the income and withholding tax details for other asset income.
- The AUWHTX.API.GET.CHILD.SECURITY.LIST.1.0.0 enquiry allows banks to retrieve child security list for a parent stapled security.
- The AUWHTX.API.GET.YEAR.END.COMPONENT.VALUE.1.0.0 version allows banks to retrieve year-end component values for entitlements.

The topic related to this feature is given below:

[Withholding Tax and Trust Income Distributions](#)

China Model Bank

Matching Reversal

In China banking practice, matching reversal is a special functionality done to track the outstanding balances of the designated accounts. This also helps a bank to keep track of the transactions made using these accounts. Matching reversal is the concept where a debit or credit made to a designated account is matched with its respective contra entry at a later date. Usually, there is a reference number generated when the initial entry is passed. This number is used to match the entries when a contra entry is made.

This module allows users to define the parameter for matching reversal accounts and also keep all the information for further enquiry.

The topic related to this feature is given below:

[Matching Reversal](#)

Ethiopia Model Bank

Foreign Exchange Operations » Forex Permit Number and Purchase Order Management

In the Ethiopian region, there is a prerequisite for the customers to have permission from the appellant authority, like the Central Bank or the bank, for doing an import or export transaction, such as import Letter of Credit (LC), export LC, inward collections, outward collections and so on. This permission comes in the form of a number called forex permit number or purchase order number.

This functionality allows banks to manage the forex permits issued along with the corresponding transaction details and supporting document details that have to be reported every Monday to the Central Bank.

The topic related to this feature is given below:

[Foreign Exchange Operations](#)

India Model Bank

Structured Financial Message System (SFMS) » Date Format Change in Tag 33A

The Structured Financial Messaging System (SFMS) is a secure messaging standard that serves as a platform for intra-bank and inter-bank applications like National Electronic Funds Transfer (NEFT), Real Time Gross Settlement (RTGS), and so on. It is an Indian standard that is similar to the SWIFT (Society for Worldwide Interbank Financial Telecommunication) standard used for financial messaging globally.

This functionality allows banks to generate and consume SFMS messages and associated governance, maker or checker.

The topic related to this feature is given below:

[Structured Financial Message System \(SFMS\)](#)

Structured Financial Message System (SFMS) » Outgoing IFN707 Tag 34B

This functionality allows banks to generate the IFN 707 34B tag outgoing messages.

When the system generates the SFMS message, the SWIFT MT 707 34B tag will not be displayed. In the `LETTER.OF.CREDIT` application, the *Lc Amount* and *Lc Currency* fields for the 34B tag are mapped and populated with the same values in the message.

The topic related to this feature is given below:

[Structured Financial Message System \(SFMS\)](#)

New Zealand Model Bank

Customer and Account Infrastructure » Account Number Validation

This functionality allows banks to capture the Particulars Code Reference (PCR) details on a disbursement which are required by banks in New Zealand to process any disbursements or payments. New fields have been added for the XNZ.ADDITIONAL.INFO external property class to enable the user to choose whichever is required in the corresponding products, related to account number validation and deposits reinvestment instructions.

The topic related to this feature is given below:

[Customer and Account Infrastructure](#)



United States Model Bank

ACH Framework » Procedures

This functionality allows banks to process COR type messages so that IF events will be generated to send notifications of changes to the customers, amending existing recurring payment information and recipient information captured in Temenos Transact.

The topic related to this feature is given below:

[ACH Framework](#)

Retail

Retail Accounts, Fixed Deposits and Arrangement Architecture » Retain Bill Reference during Reverse and Replay

Transact now supports the reverse and replay caused by any back-dated activity, prior to the notice capture date of the modified or cancelled notice bill. To provide this capability, the Notice Withdrawal Property Class is enhanced with a new attribute called *Notice Reference*, which holds the unique reference to a notice bill.

The topics related to this feature are given below:

[Configuring Notice Reference](#)

[Retaining Bill Reference during Reverse and Replay - Accounts](#)

[Retaining Bill Reference during Reverse and Replay -Deposits](#)

Retail Lending, Fixed Deposits and Arrangement Architecture » Amendment of Cancel Period after Arrangement Creation

The Term Amount Property Class now allows the user to amend the cancel period of an arrangement post its creation. It allows to:

- Amend the cancel period of an arrangement to another date
- Remove the cancel period of an arrangement

- Reverse the cancellation of an arrangement using a backdated activity to remove or expand the cancel period of the arrangement

The topics related to this feature are given below:

[Configuring *Cancel Period*](#)

[Amending Cancel Period - Lending](#)

[Amending Cancel Period -Deposits](#)

Technology

Interaction Framework

UXP Browser » Integrating UXPB with External Data Management System

UXPB can be integrated with any external Data Management System (DMS) and it now offers search, download, generate and upload features thereby minimising the number of components to be used during integration.

The topic related to this feature is given below:

[Integrating UXPB with External Data Management System](#)

IRIS R18 » Appending Multi-Value Fields and Sub-Values

IRIS R18 now allows appending multi-value fields and sub-values without fetching the entire set of existing values. The user can enable this appending functionality while creating the API by enabling the *Append to Collections* checkbox and setting the `appendFields` property to true and defining `parameterMapping` in the respective service XML file.

The topic related to this feature is given below:

[Appending Multi-Value Fields and Sub-Values](#)

IRIS R18 » Suppressing Overrides in API Framework

API framework does not include overrides in the response and these overrides are auto approved in Temenos Transact for all API transactions as the `OFS.OVERRIDE` attribute is deleted from the `OFS.SOURCE` configuration.

The topic related to this feature is given below:

[Override Suppression in API Framework](#)

Trade Finance

Letter of Credit » Supporting the Removal of Reimbursement Bank during Letter of Credit Amendment

Temenos Transact is enhanced to support the removal of reimbursement bank and allow the issuing bank to generate MT202 towards advising or beneficiary bank. The system now enables the removal of *Third Party CustNo* in LC contract during external amendment through `LETTER.OF.CREDIT` and `LC.AMENDMENTS`, and supports the generation of MT747 towards cancellation of Reimbursement Authority.

The topic related to this feature is given below:

[Amending the Reimbursing Bank Details](#)

Past Due » Supporting Risk-Free Rates in Past Due Contracts

The Past Due (PD) module now supports risk-free rates with the following calculation methods,

1. Rate compounding
2. Amount compounding
3. Simple interest

Risk-Free Rates (RFR) are a backward-looking average of overnight rates, which are calculated based on actual data. These are bench-mark rates to replace LIBOR. PD also supports Spread Inclusive and Spread Exclusive functionalities.

Click [here](#) to understand the technical impact of this enhancement for customisation and upgrades.

Click [here](#) to understand the installation and configuration updates for this enhancement.

The topics related to this feature are given below:

[Understanding Risk-Free Rates](#)

[PD.RFR.PARAMETER](#)

[Penalty Interest Calculation Details for RFR Contracts](#)

[Overdue Processing for Risk-Free Rate Loan Contracts](#)

[Interest Accrual Calculation for PD Risk Free Contracts](#)

Installation and Configuration Notes

Banking Framework

Generic Account Interface » Reversing or Reposting GAI Booking Request Manually

The following records are added to Temenos Transact tables:

Table	Record
GENERIC.ACCOUNTING.REQUEST	ACCOUNT.NUMBER
GENERIC.ACCOUNTING.REQUEST	PL.CATEGORY

The following values are added to below Temenos Transact field:

Field	Value
<i>Request Type</i>	POST
<i>Request Type</i>	REVERSE.SUSPENSE

Transaction Recycler » Transaction Recycler Process

GAI (Generic Accounting Interface) booking request can be routed to the Recycler on an override situation if the respective override record is configured with -

- APPLICATION = AC.INWARD.ENTRY
- FWD.ACCT.MODE = SSS



Trade Finance

Past Due » Supporting Risk-Free Rates in Past Due Contracts

The parameter file referred as PD.RFR.PARAMETER is delivered through PD-RFR enhancement.

Technical Notes

Banking Framework

Transaction Recycler » Transaction Recycler Process

`EB.SYSTEM.ID` definition in `RC.CAPTURE`:

- The `RC.CONDITION` and `RC.TYPE` can be defined `EB.SYSTEM.ID` wise in the `RC.CAPTURE` record.
- If `EB.SYSTEM.ID` is not defined, then the default `RC.CONDITION` and `RC.TYPE` are considered.
- If the first two characters of `EB.SYSTEM.ID` and `RC.CAPTURE` match, then `EB.SYSTEM.ID` definition will be allowed in `RC.CAPTURE`, else the system generates an error. For example,
 - `EB.SYSTEM.ID = AAAA`
 - `RC.CAPTURE = AA`
- In case of GAI (Generic Accounting Interface), that is, Clearing, payment initiations like `PAYMENT.ORDER`, TPH (Temenos Payments Hub) and so on send requests. Hence, the first two characters of `EB.SYSTEM.ID` and `RC.CAPTURE` need not be relevant. The validation is relaxed when `RC.CAPTURE` is ACCCSM (Generic Accounting Interface).

Trade Finance

Past Due » Supporting Risk-Free Rates in Past Due Contracts

The *RESERVED.3* field in *PD.PARAMETER* is renamed as *ENABLE.RFR*. The *RESERVED.3*, *RESERVED.2* and *RESERVED.1* fields in the *PD.PAYMENT.DUE* are renamed as *RFR.CALC.METHOD*, *RC.PRIORITY* and *SC.PRIORITY* respectively.

The *RESERVED.10*, *RESERVED.9* and *RESERVED.8* fields in the *PD.RATES* application are renamed as *RFR.EFF.DATE*, *RFR.LD.SPREAD* and *RFR.PD.SPREAD* respectively.

The *LD.PD.RFR.TODAY.DETAILS* work file is created to store the daily rate from the underlying contract for applying it to the *PD.PAYMENT.DUE* application.