

What's New in Temenos Transact

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Release Highlights

Application Framework

System Core » State Change as Business Events

Transact emits state change (transaction update) as Business Events for both authorization and reversal authorization of a record. You can set *Data Stream* as Outbox in `SPF` to enable this feature, which is supported only in TAFj runtime.

The topic related to this feature is given below:

[Emitting State Change as Business Events](#)

System Core » Business Event in Transact

The Data Event Streaming (DES) Events from Transact are emitted as raw data using AVRO format. Transact is enhanced to emit the DES as Business Events without defining them manually. This feature is enabled by setting *Data Stream* as Outbox in `SPF`. Business events are emitted only for the applications defined in `RR.PARAM` with `eventType` as `<<tableName>>_DATA_EVENT`.

The topic related to this feature is given below:

[Business Event](#)

Banking Framework

Cheques and Cards Management » Cancelling Cheque Deposit before Collection

Cheque Collection processing is enhanced to cancel or revoke an outward collection cheque that is deposited and yet to be sent for collection. As part of this cancellation process, the system reverses the associated accounting entries raised originally as a part of the cheque deposit transaction.

The topics related to this feature are given below:

[Cancelling Cheque Deposit before Collection](#)

[Realising, Returning, or Canceling Foreign Cheques](#)

[Realising, Returning, or Canceling Outstation Cheques](#)

[Viewing of Cheque Collection Records](#)

Corporate

Secondary Loan Trading » Executing Trade, Issue Pricing and Settling Trade

A trade agreed between the buyer and the seller may undergo changes any time before it is finally settled, which allows the user to amend the trade any time before it is settled. Executing a trade implies that the trade is finalised and ready for settlement on the agreed date. The Pricing Letter can be issued only when a trade is executed. Once the pricing letter is issued, the trade is settled on the settlement date.

The Secondary Loan Trading module is enhanced with the `LOAN . TRADE` application that allows the user to

- Execute a trade,
- Issue Pricing and
- Settle a trade.

The topic related to this feature is given below:

[Executing Trade, Issue Pricing and Settling Trade](#)

Islamic Banking

Islamic Financing » Enhanced Mudaraba Facility and Finance

Mudaraba is a partnership agreement whereby the bank provides the capital amount and the customer provides labour/work/experience. The profit is shared between the capital provider and the customer on a predefined ratio which must be mutually agreed upon and explicitly stated at the time of contract agreement. The Mudaraba is for a fixed period, the customer must return the Mudaraba capital and the bank share of the realised Mudaraba profit at the end of the Mudaraba term. It is not a binding contract, and each party has the right to terminate the contract at its own discretion. However, if a Mudaraba period has been agreed upon between the parties then no party can terminate it on its own till the completion of such a period.

The enhanced Mudaraba financing product allows the user to create a Mudaraba facility for the customer using Mudaraba facility product in the Facility product line. The user can make multiple drawings from the Mudaraba facility based on the request from the customer by setting up the profit-sharing percentage and expected profit rate.

The customer can declare the realised profit amount to the bank on or before the maturity date. Based on the agreed profit-sharing ratio between the bank and the customer, the profit adjustment accounting entries are posted.

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

The topics related to this feature are given below:

[Creation of Facility for Islamic Finance Products](#)

[Profit Declaration](#)

[Accounting - Profit Declaration](#)

[Creating Mudaraba Facility Arrangement](#)

[Creating Mudaraba Drawings Arrangement under Facility](#)

[Creating Standalone Mudaraba Drawings Arrangement](#)

[Capturing Profit Declaration](#)

[Authorising, Deleting, or Modifying Profit Declaration](#)

[Amending Profit Declaration](#)

[Viewing Profit Declaration](#)

Regional Banking Solutions

Australia Model Bank

Australia Base » Role Based Home Pages

This functionality allows bank users to view source and target loan details in the loan Arrangement Overview screen.

The AUMB.NEW.SPLITS.MERGES.LOANS enquiry has been attached as a composite screen in the Lending Overview screen to display the source and target loan details.

The topic related to this feature is given below:

[Australia Base](#)

China Model Bank

Teller Operations » Settlement

This functionality allows banks to perform cash deposits and withdrawal transactions in both Foreign Currency (FCY) and Local Currency (LCY) for corporate customers.

The topic related to this feature is given below:

[Teller Operations](#)

Withholding Tax

This functionality allows banks to withhold tax on dividends for fixed income or bonds, except Qualified Domestic Institutional Investor (QDII) bonds. However, the Withholding tax (WHT) is required to be deducted as a tax based on the type of bonds and whether the dividend income derived is by a resident or non-resident investor.

The CNWHTX.TAX.DETAILS enquiry has been created as part of this functionality to display the WHT collected for the customer.

The topic related to this feature is given below:

[Withholding Tax](#)

India Model Bank

Lending Compliance » NPA Validations and Calculations

The INLEND.NPA.OVERDRAFT.LIST enquiry has been introduced as part of this functionality to display the details of the INLEND.NPA.OVERDRAFT records.

The topic related to this feature is given below:

[Lending Compliance](#)

Goods and Services Tax

This functionality enables banks to manage the GST exemption of transactions made by an assessee whose GSTIN is issued for an entity located in the Special Economic Zone (SEZ) and to support the refund of commission and GST, or GST alone, which was collected earlier.

The topic related to this feature is given below:

[Goods And Services Tax \(GST\)](#)

Italy Model Bank

Customer Account and Transactional Data for Regulatory Reporting » Bank Transfers Reports

It is a regulatory requirement that banks in Italy have to send Puma reports to the Bank of Italy on a quarterly basis.

The Puma reporting consists of different type of reports which are to be reported to the regulatory on a quarterly basis, the reports are Account Opening, Account Expenses, Home Banking, Portfolio Management, Bank Transfers and Transfer of Balances.

This functionality allows banks to extract and send particular type of payment transactions which are performed for that quarter in the Bank Transfers report as part of Puma reporting.

The purpose of the Bank Transfer report is to give the details of particular type of transactions to the Central Bank. This report is extracted for the payment transactions of SEPA credit transfer and SEPA credit transfer instant, phone number top up, prepaid card top up and on us transactions.

The topic related to this feature is given below:

[Customer Account and Transactional Data for Regulatory Reporting](#)

UK Model Bank

OBIE Account Information APIs (PISP) » Capture the External Consent ID and Consent Deletion API

Once the Payment Service User (PSU) has provided the consent, the Account Information Service Provider (AISP) can request the account information from the Account Servicing Payment Service Provider (ASPSP). The validity of the consent can have the current or an expiry date. If the consent expires, the AISP will no longer have access to it. If the PSU decides to revoke the consent before it expires, then the consent will be marked as a consent deletion. However, the consent resources held by the ASPSP are never physically deleted, their status will be changed to Revoked instead to allow the enquiry of historic data.

This functionality allows the PSU to view and revoke consent at the AISP.

The topic related to this feature is given below:

[OBIE Account Information APIs \(AISP\)](#)

OBIE Payment Initiation APIs (PISP) » Capture the External Consent ID and Consent Deletion API

Once the Payment Service User (PSU) has provided the consent, the Account Information Service Provider (AISP) can request the account information from the Account Servicing Payment Service Provider (ASPSP). The validity of the consent can have the current or an expiry date. If the consent expires, the AISP will no longer have access to it. If the PSU decides to revoke the consent before it expires, then the consent will be marked as a consent deletion. However, the



consent resources held by the ASPSP are never physically deleted, their status will be changed to Revoked instead to allow the enquiry of historic data.

This functionality allows the PSU to view and revoke consent at the AISP.

The topic related to this feature is given below:

[OBIE Payment Initiation APIs \(PISP\)](#)

United States Model Bank

US Real Time Gross Settlement » Preauthorized Drawdown Requests

This functionality allows users to initiate a drawdown refusals, transfers from the pending requests

The topic related to this feature is given below:

[US Real Time Gross Settlement](#)

US Real Time Gross Settlement » CLABE Validation

This functionality allows banks to manage Mexican beneficiaries, validate the format and verify the correctness of the check digit of the CLABE number.

The topic related to this feature is given below:

[US Real Time Gross Settlement](#)

US Real Time Gross Settlement » Daily Wire Balance Report

This functionality allows banks to view the summary of debit and credit wire transactions posted for each day against their status. It is possible to group the items by message type if required.



The topic related to this feature is given below:

[US Real Time Gross Settlement](#)

Retail

Arrangement Architecture » Payment Restrictions

The system is now enhanced to evaluate any underlying activity restrictions at the time of initiating payments and display the results in the Payment Order page for all arrangements. When a payment is initiated on an arrangement from the payment initiation system, the underlying activities can be simulated and the related overrides and error messages can be raised and displayed in the Payment Initiation page by configuring the `AA.DECISION.PARAMETER`. The conditions can be specific to payment and clearing initiated from the payment system. Thus, it is now possible to create records, for regular payment (PAYMENT) and for clearing (CLEARING).

The topic related to this feature is given below:

[Payment Restrictions](#)

Arrangement Architecture and Retail Accounts » Collecting Charges on Future Value Date Transactions

When a financial transaction is to take place on a future value date, the charges associated with the financial transaction are made due or capitalised during the Start of Day (SOD) process of that value date with the help of the new `FORCE.CAPITALISE` property type. The charge is collected during the SOD of the transaction value date only when the activity charge or rule break charge of this property type is used.

The topics related to this feature are given below:

[Charges for Future Value Transactions using FORCE.CAPITALISE in Interest and Charges Posting](#)

[Charges for Future Value Transactions using FORCE.CAPITALISE](#)

[Force Capitalise Property Type](#)

Arrangement Architecture » Refresh Flag for Product Conditions at Simulation Level

Synchronous Simulation in AA is now enhanced with the following possibilities:

- Refreshing product conditions at the simulation level while amending the simulation capture record
- Amending effective date of the simulation while amending the simulation capture record
- Maintaining the SIM records for the required properties in the synchronous simulation process

The topics related to this feature are given below:

[Maintain Sim Records](#)

[Amend Simulation Capture](#)

[Amend Simulation Capture - Lending](#)

[Amend Simulation Capture - Deposit](#)

Technology

Integration Framework

Data Event Streaming » Monitoring DES using Tracer

Temenos Transact now supports the tracer in DES and allows the user to validate the tracer in DES through Jaeger.

The topic related to this feature is given below:

[Monitoring DES using Tracer](#)

Interaction Framework

UXP Browser » UXP Browser Tracer

Implementation

UXP Browser integrates the common component 'TemnTracer' to push the captured tracing information of each span into the Jaeger. UXP Browser Tracer Implementation is now introduced to support the tracing request triggered in UXP Browser and the information is transferred to the Grafana dashboard.

The tracing request information can be viewed directly in an organised way in the Grafana dashboard.

The topic related to this feature is given below:

[UXP Browser Tracer Implementation](#)

IRIS R18 » Migrating Existing APIs to Generic Config Microservice

T24 Transact is now enhanced for the user to migrate the existing API artifacts from the JAR file to the Generic Config Microservice using,

- API Workbench - This invokes the Utility API at runtime and migrates all the API artifacts to Generic Config Microservice.
- Utility API - This pushes all the API artifacts to the Generic Config Microservice and reloads the cache automatically.

This helps the user to use a single runtime container to access and execute all the APIs from the Generic Config Microservice.

The topic related to this feature is given below:

[Migrating Existing APIs to Generic Config Microservice](#)

Treasury

Swaps » Payment Delay for Fixed Leg

The *SWAP* application is enhanced to enable different frequency interest rate swap schedules to have DP regardless of the corresponding floating leg with different or the same IP frequencies.

The topic related to this feature is given below:

[Payment Delay for Fixed Leg](#)

Technical Notes

Islamic Banking

Islamic Financing » Enhanced Mudaraba Facility and Finance

Income or Expense categories related to profit declaration for the Mudaraba finance product can be configured in `IS.PARAMETER`.

Field	Description
<i>Profit Decl Income PL</i>	It is used to setup the PL category to credit the bank portion of the realised profit received from the customer.
<i>Profit Decl Expense PL</i>	It is used to setup the PL category to settle the shortage profit amount declared by the customer (Expected profit amount - Actual profit amount).
<i>Profit Decl Txn</i>	It is used to setup the FT.TXN.TYPE.CONDITION record to raise the realised profit declaration accounting entries.