temenos

What's New in Temenos Transact

July 2023

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Key Features



The following are the key features of 202307. For the list of Reference Business Process, click **HERE**.

BANKING FRAMEWORK

Archiving Historic Data

The Data Lifecycle Management (DLM) archival process is enhanced to reduce the size and improve the performance of a transactional database by archiving non-transactional and historical data to a separate Read-Only (RO) database. Click here to read the full story &

CORPORATE

Release of Margin

Letter of credit and Miscellaneous Deals modules are enhanced to capture the reason for adhoc provision release which was collected during issuance of letter of credit or quarantee.

Click here to read the full story &

Perform Duplicate Check on Invoice and Trasport Document

Drawings under Letter of Credit module is enhanced to capture the invoice and transportation document details to perform a possible duplicate check while creating a new drawings.

Click here to read the full story 6

Verify and Record Bill Details

Miscellaneous Deals module is enhanced to verify and record the bill details of shipping guarantee.

Click here to read the full story 8

Auto Mapping of Counter Guarantees and Counter-Counter Guarantees

Miscellaneous Deals module is enhanced such that it inherits values to counter-counter guarantee's during issuance from underlying guarantee. Click here to read the full story &

Recording Tax Split for Guarantees

Miscellaneous Deals module is enhanced to store the linked tax split for collection of charges in an existing balance file.

Click here to read the full story &



Pending Consent Alert for Standby Letter of Credit

Miscellaneous Deals module is enhanced to notify pending beneficiary consent at all the stages of invocation processing. Click here to read the full story &

Capturing Instructions for Delivery in LETTER.OF.CREDIT

This functionality is enhanced to allow a dynamic covering schedule for the outward collections based on the type of the collection. The *Instr To Delivery* field is introduced to capture the instructions for delivery in the LETTER.OF.CREDIT application. Click here to read the full story &

Creating and Defaulting Templates for Guarantees or Standby Letter of Credit

Miscellaneous Deals module is enhanced to allow configuring Pre-defined text for a particular customer getting defaulted during issuance of guarantee or stand by letter of credit. Click here to read the full story &

Presenting Document Days Control

Drawings application under Letter of Credit module is enhanced to list all the drawings under which the documents are presented and not validated for discrepancies. Click here to read the full story \mathscr{O}

Sub-allocating a Trade

A syndicated loan seller of a trade can now sub-allocate the trade to multiple buyers and settle it on different settlement dates. Click here to read the full story &

EXTENSIONS AND CONFIGURATION

Supporting Bitbucket for SCM

Incremental Hash Check or Refresh API

A new API is introduced to check and update the package repository if it is not in line. Click here to read the full story \mathscr{O}



INTEGRATION FRAMEWORK

Amazon MSK in DES

DES is now enhanced with Amazon Managed Streaming for Apache Kafka (MSK). Click here to read the full story &

PLATFORM FRAMEWORK

Read-Only Access to Root File System

Banks can restrict the read and write access to specific folders using the readOnlyRootFilesystem setting.

Click here to read the full story &

Allowing Query of Events and Filtering of Records using Get Events By Source Id API

Event Store is enhanced to allow the query of events by the source SystemId. The Get Events By Source ID public REST API is introduced to allow the filtering of records. Click here to read the full story ?

USER EXPERIENCE

Externalize App Config

The application config file inside the Browser.war file can now be externalized into various browser options and without editing the config file the user can enable the required configuration by setting the browser options while deploying the UXP Browser. Click here to read the full story ?

PRIVATE WEALTH

Trade Confirmation Matching Based on MT515 and setr.027 MX Message

Temenos Transact is enhanced to find a matching trade based on the reference or details in the incoming setr.027 or MT515 message and authorises the trade if the details of the message and underlying trade match. A tolerance for the net amount can be defined based on which the underlying trade is authorised if the difference in net amount is within the tolerance. Click here to read the full story &



Golden Source Corporate Action Notifications

Transact has been enhanced to capture and process Corporate Action notifications from various market providers and reconcile them to create a golden source of the event. The golden source details of the event can then be notified to customers, including institutional clients.

Click here to read the full story 8

REGIONALIZED SOLUTIONS

Retail Deposits - Adjustment of Interest amount paid out during early redemptions

This functionality enables banks to manage the interest adjustment for early redemptions. Click here to read the full story \mathscr{O}

Daily Matching Enquiry

This functionality allows banks to capture the relevant entries based on daily matching parameter configurations and update the information in the daily matching details application, for the PAYMENT.ORDER, TELLER, FUND.TRANSFER, BL.BILL, LD.LOANS.AND.DEPOSITS, STOCK.ENTRY, PAYMENT.STOP, PD.CAPTURE, PD.PAYMENT.DUE, MM.MONEY.MARKET, FOREX and SWAP applications. Click here to read the full story &

Call Deposits - Validation of funding account, posting restrict during closing of deposits and validations during capture of notice period and amount

This functionality enables banks to perform through the system, validations of the funding accounts, when opening an account, of the posting restrictions when closing accounts and validations of the notices capture.

FSCS - Continuity of Access

Click here to read the full story &

This functionality allows banks to transfer the unprotected portion of funds on all the customers' accounts to an internal account for monitoring purposes. Also, this functionality enables bank users to enquire about the details of all such customers and their accounts along with the balances of unprotected funds. Click here to read the full story &



Customer Enhanced Due Diligence (CEDD)

This functionality allows banks to capture additional information for due diligence in the Customer Enhanced Due Diligence application. This is to ensure that the adequate information is available for each customer.

Click here to read the full story &

Inactive Account Statement Frequency

This functionality enables banks to manage the automated process that has been introduced to change the statement frequency of accounts to a predefined statement frequency based on the dormancy status.

Click here to read the full story 8

Release Highlights



Banking Framework

DLM Archival » Archiving Historic Data

The Data Lifecycle Management (DLM) archival process is enhanced to reduce the size and improve the performance of a transactional database by moving non-transactional and historical data to a separate Read-Only (RO) database. The user can optimise the performance of the RO database through archiving the historical data.

It is possible to archive the records in applications or tables like the Account (AC - legacy accounts), Funds Transfer (FT), Clearing Entry (AC.INWARD.ENTRY), Delivery - In and Out messages, and Accounting Entry (STMT.ENTRY/CATEG.ENTRY/RE.CONSOL.SPEC.ENTRY) to a Read-Only (RO) database when the DL product license is installed.

In the absence of the DL product license, the Standard Transact archival mechanism is used to archive the data records.

The topics related to this feature are given below:

Archival of Account and Related Tables

Archival of Funds Transfer

Archiving GAI and GAR Transactions

Archival of Accounting Entries

Archival of Delivery Messages

Generic Accounting Interface » Booking Request with Accounting Date

Banks can now provide the *Accounting Date* and *Dealer Desk* details in GAI request through OFS to:



- Post the adjustment entries to the open post-closing database(s).
- Update the dealer desk in the accounting entries and in the POSITION table.
- Allow the user to select new contra entry options like Local for balancing the main entries.

The topics related to this feature are given below:

Generic Accounting Interface

GAI Request Types and Processing Modes

Post-Closing

PC Database

Post-closing Process



Corporate

Trade Banking » Release of Margin

Letter of credit and Miscellaneous Deals modules are enhanced to capture the reason for adhoc provision release which was collected during issuance of letter of credit or guarantee.

The topics related to this feature are given below:

Release Margin

Executing Ad hoc Release of Cash Margin/Provision

Trade Banking » Perform Duplicate Check on Invoice and Trasport Document

Drawings under Letter of Credit module is enhanced to capture the invoice and transportation document details to perform a possible duplicate check while creating a new drawings.

The topic related to this feature is given below:

Letter of Credit

Miscellaneous Deal » Verify and Record Bill Details

Miscellaneous Deals module is enhanced to verify and record the bill details of shipping guarantee.



The topic related to this feature is given below:

Miscellaneous Deal

Miscellaneous Deal » Auto Mapping of Counter Guarantees and Counter-Counter Guarantees

Miscellaneous Deals module is enhanced such that it inherits values to countercounter guarantee's during issuance from underlying guarantee.

The topic related to this feature is given below:

Auto Mapping of Counter Guarantees and Counter-Counter Guarantees

Trade Banking » Enhanced Discrepancy Processing

Drawings under Letter of Credit module is enhanced to mark the consolidated discrepancy status instead of individual discrepancy status.

The topic related to this feature is given below:

Discrepant Processing



Miscellaneous Deal » Recording Tax Split for Guarantees

Miscellaneous Deals module is enhanced to store the linked tax split for collection of charges in an existing balance file.

The topic related to this feature is given below: MD Tax Split up

Miscellaneous Deal » Pending Consent Alert for Standby Letter of Credit

Miscellaneous Deals module is enhanced to notify pending beneficiary consent at all the stages of invocation processing.

> The topic related to this feature is given below: Pending Consent Alert

Letter of Credit » Capturing Instructions for Delivery in Letter of Credit

Letter of Credit module is enhanced to generate covering schedule for outward collection based on type of collection.

The topic related to this feature is given below:



Dynamic Covering Schedule

Miscellaneous Deal » Creating and Defaulting Templates for Guarantees or Standby Letter of Credit

Miscellaneous Deals module is enhanced to allow configuring Pre-defined text for a particular customer getting defaulted during issuance of guarantee or stand by letter of credit.

The topic related to this feature is given below:

Understanding MD.CLAUSES

Trade Banking » Presenting Document Days Control

Drawings application under Letter of Credit module is enhanced to list all the drawings under which the documents are presented and not validated for discrepancies.

The topic related to this feature is given below:

Document Checking in Drawings



Facility » Tax Accounting in Portfolio Allocation

Portfolio Allocation functionality is enhanced to perform tax accounting in a loan funded by portfolios.

In a facility or loan with internal portfolios, the tax on interest and charges collected from the borrower is assigned to a designated portfolio called 'Primary Portfolio'. The primary portfolio in turn distributes the tax among all the participants, which is a manual process. Repayment of the due interest collects the tax pro-rated to the amount repaid.

The topic related to this feature is given below:

Write-off in Portfolio Allocation

Secondary Loan Trading » Sub-allocating a Trade

The Secondary Loan Trading module is enhanced so that a seller in a syndicated loan can now sub-allocate the original trade to multiple buyers. Once the seller sub-allocates the sell trade, the child trades are automatically created by the system. The child trades act as independent trades which can have different settlement dates. Once a trade is sub-allocated, the parent trade cannot be further modified.

The topics related to this feature are given below:

Trade Management

Accounting Configuration

Sub-Allocate Trade

Sub Allocation



Trade Banking » Classification of LC

Letter of credit module is enhanced to categorise the transaction such as international, domestic or leasing under LC types application.

The topic related to this feature is given below:

Classification of LC



Private Wealth

Securities » Trade Confirmation Matching Based on MT515 and setr.027 MX Message

Transact system can find and match an incoming MT515/setr.027 message to trade in the system, either based on the sender reference or based on the incoming setr.027 or MT 515 message's details such as the Broker, Security number, Nominal, Trade date, value date, transaction direction, broker net amount, broker gross amount and depository . The system authorises the trade only if the details of the incoming message and trade match. Any discrepancies between these values in the message and trade restricts the system from authorising the trade and updates the details to an SC.TRADE.MSG.DETS file for investigation.

Temenos Transact is enhanced to

- Find a matching trade based on the reference or details in the incoming setr.027 or MT515 message and authorises the trade if the details of the message and underlying trade match.
- Set a tolerance for the net amount and authorise the trade if the difference in net amount is within the tolerance.

The topics related to this feature are given below:

Trade Confirmation Matching

Actioning on Unauthorised Trades from Trade Confirmation
Message (setr.027/MT515) Processing

Performing an Action on Trade ID Not Found Records Based on the Trade Confirmation Message (setr.027/MT515) Processing

Actioning on Failures in Trade Confirmation Message (setr.027 / MT515) Processing Due to Multiple Trades Matching



Corporate Actions » Golden Source Corporate Action Notifications

Transact has been enhanced to receive Corporate Action notifications from multiple market providers. Some providers may provide complete details or more up-to-date details. Banks prefer to reconcile the details and notify clients only when sufficient information is available.

In Transact, the user captures the Corporate Action notifications from multiple providers as separate pre-diaries. One of the data providers is treated as the Master. A single Golden Source pre-diary is created automatically when the first notification of the event is received. The Golden Source record is automatically updated when there is any update from the Master data provider. An enquiry is provided highlighting differences between the Golden Source and other notifications. Users can then update the Golden Source manually if additional data is available in other notifications. When sufficient information is available, the user can send notifications from the Golden Source to all customers, including Swift MT564 to institutional clients.

The topics related to this feature are given below:

Golden Source Corporate Action Notifications

List of Golden Source Pre-diaries



Regionalized Solutions

Australia Model Bank

BPAY (Bill Payments) » Manage BPAY Biller Details

The newly exposed APIs can be integrated with Cuscal's front office for biller management and the user will able to create, update, transfer, delete, or query the biller code details and status.

The topic related to this feature is given below: BPAY (Bill Payments)

Lending » Flexible Loan Repayment Applicable only for PI Payment Type

The flexible repayments are only allowed when there is a minimum repayment amount. In Temenos Transact, this is defined as a Constant payment type. Only when there is a minimum repayment amount, customers can pay an extra amount or choose a fixed amount. For a loan with IO repayment type, the system will not allow the users to create a loan when an extra or fixed amount is provided. The same check is expected when the employee does any variation request.

The topic related to this feature is given below: Lending



Lending » Locking Redraw Credit via Direct Debit

This functionality allows banks to redraw a balance through a direct debit mandate can be locked and it will not be available for the withdrawal until the direct debit process is completed or returned.

A work file has been created to enter the loan account and the specified amount for the locking. This work file will be updated at the time of the LENDING-CREDIT-ARRANGEMENT activity on the due date.

The topic related to this feature is given below: Lending

Lending » Multiple Loans and Package Pricing

This functionality allows banks to change the product of the loan. When the product of the loan is changed to another product, a new loan package will be created or added to the existing package, or no package will be created. Also, loans created with customers (A, B, C) and loans created with customer (C, A, B) will go under the same package.

Bank users will be able to close a master loan and the next loan in the package will be changed as a master loan in the package.

The topic related to this feature is given below: Lending



Lending » New Fields in the External Property Class and Its Validations

This functionality allows banks to default correct interest rate keys based on the repayment types, the loan purpose owner occupied or investment, and the fixed or variable interest rate type.

If the user enters the forward dated condition and if the interest and payment schedule conditions are not sync, a validation is required. Only when both the conditions are sync, the system will allow user to commit the loan. If the *Arrangement Fixed Term* is greater than the *Term* in days, weeks, months or years in the AA.ARR.TERM.AMOUNT application, then an error will be displayed.

The topic related to this feature is given below: Lending

Lending » Product Control Rules for Home Loans

This functionality allows banks to archive old records of the AULEND. EXCESS.REPAYMENT.DETAILS application before a particular date, for example.

The topic related to this feature is given below: Lending



China Model Bank

Deposits » Call Deposits

This functionality enables banks to perform through the system, validations of the funding accounts, when opening an account, of the posting restrictions when closing accounts and validations of the notices capture.

The topic related to this feature is given below:

Deposits

Deposits » Retail Deposits

This functionality enables banks to manage the interest adjustment for early redemptions.

The topic related to this feature is given below:

Deposits

Teller Operations » Daily Matching Enquiry

This functionality allows banks to capture the relevant entries based on daily matching parameter configurations and update the information in the daily matching details application, for the PAYMENT.ORDER, TELLER, FUND.TRANSFER, BL.BILL, LD.LOANS.AND.DEPOSITS, STOCK.ENTRY, PAYMENT.STOP, PD.CAPTURE, PD.PAYMENT.DUE, MM.MONEY.MARKET, FOREX and SWAP applications.



The topic related to this feature is given below:

Teller Operations



United Kingdom Model Bank

FSCS - Continuity of Access

To protect and safeguard the interests of the depositor banks in the United Kingdom need to comply with the regulations under the Financial Services Compensation Scheme (FSCS) and Continuity of Access (COA). There are two statutory requirements FSCS reporting and COA.

The purpose of COA is to allow customers to access their blocked funds as soon as possible (max 48 hours for FSTP classified accounts of eligible customers) to ensure that they do not face financial difficulties.

This functionality allows banks to transfer the unprotected portion of funds on all the customers' accounts to an internal account for monitoring purposes. Also, this functionality enables bank users to enquire about the details of all such customers and their accounts along with the balances of unprotected funds.

The topic related to this feature is given below: FSCS - Continuity of Access



United States Model Bank

Core » ATM Visa Transaction Matching

This functionality allows banks to handle the generation of matching keys (dual transaction *Id*) and matching of transactions.

The topic related to this feature is given below:

Core

Core » Beneficial Ownership

This functionality allows banks to handle the migration of customer relationships captured in the CUSTOMER application to the PARTY.RELATIONSHIP application.

The topic related to this feature is given below:

Core

Core » Customer Input Screens

This functionality allows banks to manage the USMB screens utilising the CUSTOMER, DE.ADDRESS, BENEFICIARY and PERSON.ENTITY applications have been updated to use different address fields. As the result, USMB upgrade facility has been made available, which will ensure that the correct address information is migrated from prior Temenos Transact releases.



The topic related to this feature is given below:

Core

Core » Customer Input Screens and Single Customer View

This functionality allows banks to manage the Customer screens using the *Legal Status* and *Legal Status Notes* new fields. Also, the related Single Customer View composite screens have been updated accordingly.

The topic related to this feature is given below:

Core

Core » Customer Relationship Fields

This functionality allows banks to utilise the PARTY.RELATIONSHIP application for customer-to-customer relationships capture instead of using the CUSTOMER application. A set of new screens has been introduced and linked to the USMB Role Based Home Pages and enquiries that allow users to capture the customer-to-customer relationships.

The topic related to this feature is given below:

Core



Individual Retirement Accounts » Contributions Booked this Year for Prior Year

This functionality allows banks to manage the previous year contributions made during the next year that will be updated in the IRA History application, as well as in the previous year Tax Details application.

The topic related to this feature is given below: Individual Retirement Accounts

Individual Retirement Accounts » USREGS.IRS.TAX.DETAILS Updates and Obsoleting of Postponed Rollover Contribution

This functionality allows banks to capture Previous Year Contributions in the Tax Details application, pertaining to the year that contributions were captured for. Additionally, the Postponed Rollover Contribution is removed from the available Contribution Types in the USMB screen utilised for contributions.

The topic related to this feature is given below: Individual Retirement Accounts

Lending Regulations » Regulation O

This functionality allows banks to take into consideration customer relationships defined in the PARTY.RELATIONSHIP application.



The topic related to this feature is given below: Lending Regulations

Regulations » Customer Enhanced Due Diligence (CEDD)

This functionality allows banks to capture additional information for due diligence in the Customer Enhanced Due Diligence application. This is to ensure that adequate information is available for each customer.

The topic related to this feature is given below:
Regulations

Regulations » Regulation-D Notification

Extracts, notices, reports and Temenos Transact enquiries utilising address information have been updated to correctly map new address information (functionalities that have been updated: FDIC file extracts, Credit Bureau Report, LMS collection extract, Rate Change in advance notices, Account Titling, FIRE file, Check Production, Reg D violation letters, Dormancy and pre-escheatment notifications, Letter to old and new address, Stop Payment Notices, NSF notices, History Inquiries, Escrow Analysis letters, Customer Status).

The topic related to this feature is given below:

Regulations



Retail » Forced Account Closure

This functionality enables banks to manage the customer accounts to be closed, for various reasons like non-submission of documents as committed at the time of account opening, suspicious transactions, fraudulent activities as reported by various agencies and the bank consciously takes the decision of closing such identified accounts on real time.

The topic related to this feature is given below:

Retail

Retail » Inactive Account Statement Frequency

This functionality enables banks to manage the automated process that has been introduced to change the statement frequency of accounts to a predefined statement frequency based on the dormancy status.

The topic related to this feature is given below:

Retail

Retail » Party Customer Address Fields

As part of the integration with Party MS, this functionality allows banks to capture address details in the CUSTOMER, DE.ADDRESS, BENEFICIARY and PERSON.ENTITY applications that have been updated.

The topic related to this feature is given below:



Retail

Retail » Statements

This functionality allows banks to offer the delivery of statements in multiple printing options including Braille and Print, Audio, Braille and Audio, Large font Print, Video to meet ADA requirements of the customer.

The topic related to this feature is given below:

Retail

Retail » Teller Integration

This functionality allows banks to support the integration with the third party teller systems through REST APIs. The generic accounting interface is used to post the accounting. The additional transaction and teller related information are recorded as part of this feature. Teller transactions like deposits, withdrawals, check deposits, check withdrawals, check issue, money order's, funds transfers can be created using the new integration APIs. Fund movements between the general ledger accounts are supported for teller transfers, vault maintenance, adjustments etc,. The processing of bulk check deposit's on corporate accounts is also supported. The Reg CC holds calculated by the teller system can be passed through the integration API's to automatically apply the funds availability determined by the teller. The daily check deposits on an account will be tracked through the teller system.

The topic related to this feature is given below:



Retail

Role Base Home Pages

The New Third Party screen has been updated for Account Officer and Customer Service Representative to ensure that the new address information in captured in Temenos Transact.

The topic related to this feature is given below:

Role Base Home Pages



Technology

Integration Framework

Data Event Streaming » Amazon MSK in DES

DES is now enhanced with Amazon Managed Streaming for Apache Kafka (MSK).

The topic related to this feature is given below: Amazon MSK in DES

User Experience

UXP Browser » Externalize App Config

When the UXP Browser is configured with the SSO setup, the application configuration file inside the Browser.war file needs to be updated (for example, web.xml file). The filters and listeners need to be enabled in web.xml based on the external authentication type configured in the UXP Browser and certain security headers are updated through the web.xml file based on the security aspects.

It is now possible to configure the web.xml file in the UXP browser without editing and the browser options are provided for the same. The application configurations can be enabled without opening the Browser.war file.



The topics related to this feature are given below:

Security Configuration

Http Client Properties

Configuring UXP Browser

Configuring Browser.war

Platform Framework

Service Request V2 » Revamping Service Request Micro Service 2.0 (SRMS2.0)

SRMS2.0 APIs are revamped to meet the global standard set by Temenos (SOCKET) and to simplify the wiring process of user agent front-end applications. This enhancement includes the following functionalities:

- Removed mandatory date requirement in User Inbox guery API
- Default values are set to query params such as PageNumber, PageSize, and EndDate
- · Uniformity in endpoints structure
- · Segregated metadata and user data in the request and response payloads
- Transferred mandatory data through request payloads and deprived supporting them as a query param in POST and PUT APIs
- Fetched service request record details such as user notes, approver notes, approval status, downstream status, and downstream notes in User Inbox query API

The topics related to this feature are given below:



Design-time APIs

Runtime APIs

Maker checker API

Infrastructure » Read-Only Access to Root File System

Whenever an API request is sent, it writes internally into the container system, which is vulnerable to the security system as the container has the write access.

To restrict the write access to specific folders, the <code>readOnlyRootFilesystem</code> access setting is introduced. Using this setting, it is possible to control the container write access into its file system and restrict tampering with applications or writing foreign executables to disk for the specific directories. For such directories, write access can be controlled by creating volume mounts.

The topic related to this feature is given below:

Read-Only Access to Root File System

Event Store » Allowing Query of Events and Filtering of Records using Get Events By Source ID API

Event Store is enhanced to allow the query of events by the source system ID. The Get Events By Source ID public REST API is introduced in Event Store Microservice to allow the filtering of records. This API helps to retrieve the events from the event store inbox table, based on one or more filter conditions.



The topic related to this feature is given below:

Get Events By Source ID

Extensions and Configuration

Virtual Table » Custom Selection Criteria

Virtual Table microservice is enhanced to extract the records using the GET API to filter out data by accepting query parameters.

GetRecords V1 API is enhanced to handle query parameters. GetRecords V2 API is introduced to retrieve all the records along with meta information (page number, page size, and total size) stored under the given domainId, virtualTableId.

The topic related to this feature is given below: Custom Selection Criteria

Temenos Workbench » Supporting Bitbucket for SCM

WorkbenchTools used GitLab for the Source Control Management (SCM) activities. It is now enhanced to support Bitbucket for SCM with the user access token.

The topic related to this feature is given below:



Supporting Bitbucket for SCM

Temenos Packager » Incremental Hash Check or Refresh API

Incremental deployments rely on the hashcode of the previous deployments. The Incremental Hash check or Refresh API is introduced to check and update the package repository if it is not in line. It enables teams to ensure that the incremental deployment can be performed in the records modified on the target environment or without a DSF packager.

The topic related to this feature is given below: Incremental Hash Check or Refresh API