

# What's New in Temenos Transact

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# Key Features


The following are the key features of 202311. For the list of Reference Business Process, click **HERE**.

## Corporate

### Borrowing Base Utilization Percentage


Temenos Transact is now enhanced to define the margin rates of the relevant Interest Property class for the loans based on the borrowing base Utilization percentage. [Click here to read the full story](#) 

### Pricing Grid Margin Setup Using Evidence


Temenos Transact now allows the bank to use the pricing grid to set margins based on values such as leverage ratio and the property recorded in the covenants. [Click here to read the full story](#) 

## Private Wealth

### Private Equity

Transact now supports Multiple waves of investments, that is, investors can invest in the fund during the initial fundraising period, or during subsequent subscription windows, cancel the commitment during the provisional stage, define multiple issuer fees and bank fees, and both the capital and equalization calls. [Click here to read the full story](#) 

### Backdated Tariff and Mandate Change for Periodical Fees

Temenos Transact now allows the back-dated fee group change and tariff change for Periodical (Safe custody and management) fees and recalculates the accruals or posted fees accordingly. [Click here to read the full story](#) 

## REGIONALIZED SOLUTIONS

### Mexico

#### Loan Classification Stages

This functionality allows the user to define the MX specific parameters for loan classification. Based on the defined parameters, the loan classification will be assigned by the classification process using the Provisioning module.

[Click here to read the full story](#) 


## United Kingdom

### Booking the Unprotected Funds to Suspense Account

This functionality allows bank users to monitor the unprotected funds efficiently and also to help them with the required information for regulatory reporting.

[Click here to read the full story](#) 

### Predefined Savings and Deposits Products

This module covers the representative UK deposits products like Fixed Deposit and Fixed Bond that can be used out-of-the-box. [Click here to read the full story](#) 

### Predefined Accounts Products

This module covers the representative UK instant access account products like Easy Access Saver, Limited Access Saver and Regular Saver that can be used out-of-the-box. [Click here to read the full story](#) 

## RETAIL

### Balance Cure Service for Waiving NSF Charges

Balance cure service can be enabled in overdraft accounts (that is, accounts with non-sufficient funds processing) by defining an overdraft grace period. If the customer clears the debit balance on the account within the stipulated grace period, then the non-sufficient fund (NSF) charges that are levied on the account are waived either fully or partially.

Banks can notify customers about the activation, modification, or de-activation of balance cure service on their accounts.

[Click here to read the full story](#) 


### Capping of NSF Charges based on Amount and Count

The Non-sufficient funds (NSF) charges levied on an account per day can be capped based on either amount or transaction count. When the NSF charges are capped based on the amount, then the NSF fee can be waived either fully or partially based on the cap amount defined in the pricing rules.

[Click here to read the full story](#) 

## INTEGRATION FRAMEWORK

### Feedback Mechanism Containerization

The Data Quality Feedback Mechanism is now enhanced to allow the user to deploy the DQ Feedback Mechanism either in docker as a container or in K8 using the helm chart. [Click here to read the full story](#) 

## USER EXPERIENCE

### Supporting Browser Tools for Enquiries and Version

The UXP Browser supports browser tools with item docommand ("%ACTION") for enquiry. The user can create new tool actions and customise the toolbar based on their requirements for versions.

[Click here to read the full story](#) 



# Release Highlights

# Banking Framework

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## Accounts » Grace Period Definition for Waiver of NSF Charges

NSF Exception Processing is enhanced to define grace period at product level or arrangement level and waive the NSF charges if the account balance is fully or partially funded.

Also, the system allows the user to configure the *Grace Period Type* as Full or Partial, the start balance required for calculation of account available balance, and the *Grace Balance Type* to include the debit locked events or credit locked events for the calculation of account available balance during the grace period.

The topics related to this feature are given below:

[Charge Waiver using Grace Period Configuration](#)

## Accounts » NSF Charges Integration with TEP

NSF Evaluation process determines whether entries to an account are to be classified as NSF and creates an exception record along with the charge details. It is now possible to determine the charges based on either the definition from AA Product or Pricing rules or from Temenos Enterprise Pricing (TEP).

The topic related to this feature is given below:

[Charge Assessment During TEP Integration](#)

## Delivery » Generating a Unique UETR for the Same Transaction Reference

The Delivery module is enhanced to generate a UETR for each SWIFT MT payment message handed-off by the non-payment business module (for example, SC, MD, LC and FX), if the UETR is not supplied in the transaction details.

While formatting the message, the Delivery module generates a UETR for each message if the non-payment module did not generate and provide the UETR. This ensures that each new payment message generated for the same contract, even if it has the same transaction reference or not, has its own UETR and is therefore not rejected by SWIFT for recycling the UETR of a previous payment message.

For transactions which involve cover payments (like LC and MD modules) generate the UETR themselves and pass this as part of the payment and cover data when they are handed-off to the Delivery module to format the messages.

Temenos Payments and Funds Transfer modules do not supply the same transaction reference and therefore for them, Delivery continues to generate a UETR for each transaction reference and re-uses the UETR for the payment received with the same transaction reference (payment and cover scenario).

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

**The topic related to this feature is given below:**

[Unique End-to-End Transaction Reference](#)

# Corporate

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## Miscellaneous Deal » Auto Mapping from Sequence C to Sequence C for ICCO to ISCO

Miscellaneous Deals module is enhanced to inherit the value of C- sequence from underlying guarantee while issuing new guarantee.

The topic related to this feature is given below:

[Auto Mapping from Sequence C to Sequence C for ICCO to ISCO](#)

## Facility » Borrowing Base Utilization Percentage

The `DATA.ELEMENTS` table in Temenos Transact is now enhanced to define the routine-based criteria for the Pricing Grid property class. A new routine `CALC.BORROWING.BASE.UTL.PERC` is available to calculate the utilization percentage of the borrowing base.

The system re-evaluates the Pricing Grid when there is a change in the UTL <Term Amount property> and OVD <Term Amount property> amount in a facility and updates the Interest property for the underlying loans.

The system re-evaluates the grid to define the appropriate fixed rate or margin rate of the relevant Interest Property class for the loans corresponding to the Borrowing Base Utilization Percentage.

The topics related to this feature are given below:

[Borrowing Base Utilization Percentage](#)

[Fixed or Margin Rate Using Borrowing Base Utilization](#)

[Percentage](#)[Creating a Borrowing Base Facility](#)[Find Facility](#)

## Facility » Pricing Grid Margin Setup Using Evidence

The borrower submits a financial covenant periodically to comply with the terms and conditions of a loan. Based on the submitted covenants, the user can perform the following actions:

- Set margins for a facility fee and its drawings interest.
- Set a default rate of margin for a facility fee and its drawing's margin when the covenants are not submitted on time and the terms and conditions are not satisfied in the submitted covenants.

Anytime during the lifetime of the facility or drawing, whenever the covenants are updated, the system automatically recalculates the effective rate of margin.

Temenos Transact now allows the bank to use the pricing grid to set margins based on values such as leverage ratio and the property recorded in the covenants.

**The topics related to this feature are given below:**

[Configuring Pricing Grid Based on Evidence](#)[Pricing Grid Margin Setup Using Evidence](#)

# Private Wealth

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## Securities » Private Equity

Private equity firms raise money from institutional investors and accredited investors. The money is pooled into a fund (Private equity fund) and the capital is invested over time as and when the investments are identified.

Transact now supports the following:

- Multiple waves of investments, that is, investors can invest in the fund during the initial fundraising period, or during subsequent subscription windows.
- Cancelling the commitment during the provisional stage.
- Defining multiple issuer fees and bank fees.
- Both the capital and equalization calls.
- Return of capital along with the return of bank fees proportionately and return of issuer fees if given.

**The topics related to this feature are given below:**

[Configuring Private Equity](#)

[Private Equity](#)

[Initiating a Capital Call](#)

[Initiating a Capital Return](#)

[Initiating Commitment Reduction](#)

[Initiating Recallable Capital Event](#)

[Initiating Issuer Fees](#)

[Initiating Maturity](#)

## Securities » Backdated Tariff and Mandate Change for Periodical Fees

Temenos Transact now allows the backdated fee group change and tariff change for Periodical (Safe custody and management) fees and recalculates the accruals or posted fees accordingly.

The topics related to this feature are given below:

[Backdated Tariff and Mandate Change for Periodical Fees](#)

[Backdated Rate and Group Change](#)

# Regionalized Solutions

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## Australia Model Bank

### Australia Base » Role Based Home Pages

Using this functionality, bank users will be able to view the product change history and scheduled change of an arrangement. Also, the account *Id* will be displayed in the Limit overview.

The AA.PRODUCT.CHANGE.DETAILS.AU enquiry has been released and attached to the composite screen to display the details for those arrangements where the Product Change activity has occurred or where the Product Change activity is scheduled.

The topic related to this feature is given below:

[Australia Base](#)

### Lending » Adhoc Activity Charges Settled through Direct Debits

Banks offer loans as part of their product mix, and to settle activity charges, repayments are required to be made through Direct Debit (DD) just like scheduled instalments. The process of setting up and processing such repayments needs to be seamless and automatic, without requiring any manual intervention.

This functionality enables banks to manage the repayments done for adhoc activity charges settled by DD like the scheduled instalments through a seamless process.



The topic related to this feature is given below:

[Lending](#)

## Lending » Locking Redraw Credit via Direct Debit

This functionality allows banks to create and amend direct debit returns or resubmit transactions, initiate and amend withdrawal of redraw amounts by operators or customers, and retrieve the balances for loan redraw using the new versions and enquiries provided with APIs, introduced as part of this functionality.

The topic related to this feature is given below:

[Lending](#)

## Loan Redraw » Locking Redraw Credit via Direct Debit

This functionality allows banks to create and amend direct debit returns or resubmit transactions, initiate and amend withdrawal of redraw amounts by operators or customers, and retrieve the balances for loan redraw using the new versions and enquiries provided with APIs, introduced as part of this functionality.

The topic related to this feature is given below:

[Loan Redraw](#)

# Mexico Model Bank

## Lending Compliance » Loan Classification Stages

This functionality allows the user to define the MX specific parameters for loan classification. Based on the defined parameters, the loan classification will be assigned by the classification process using the Provisioning module.

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

- The `MXCRED.LENDING.PARAMETER` application has been created to allow users to define the parameters for loan classification.
- The `PV.ASSET.DETAIL,MXCRED.MANUAL.CLASSIFICATION` version has been created to allow users to manually change the loan classification stage.
- The `MXCRED.ASSET.CLASSIFICATION` enquiry has been attached to the Arrangement Overview screen to allow users to view the loan classification stage.

The topic related to this feature is given below:

[Lending Compliance](#)

# United Kingdom Model Bank

## FSCS Continuity of Access » Booking the Unprotected Funds to Suspense Account

As part of FSCS reporting, the funds belonging to customers held across their accounts and deposits are consolidated to arrive at the overall balance.

Subsequently, these funds are segregated as eligible compensable amount and unprotected funds. While the compensable balance is the amount that a customer would have access to based on regulatory limit, the unprotected portion indicates the quantum of funds that a customer would not be able to access.

This functionality allows bank users to monitor the unprotected funds efficiently and also to help them with the required information for regulatory reporting.

The new *Unprotected Fund Categ* field has been introduced to allow users to configure the internal suspense account to which the unprotected funds for all the accounts and deposits will be credited.

The topic related to this feature is given below:

[FSCS Continuity of Access](#)

## Predefined Accounts Products

This module covers the representative UK instant access account products like Easy Access Saver, Limited Access Saver and Regular Saver that can be used out-of-the-box. The UK instant access account are preconfigured products, with product conditions in Sterling, except particular FYC accounts.

The Easy Access Saver, Limited Access Saver and Regular Saver products have been released to allow banks' customers to deposit and withdraw money at any time.

The topic related to this feature is given below:

[Predefined Accounts Products](#)

## Predefined Savings and Deposits Products

This module covers the representative UK deposits products like Fixed Deposit and Fixed Bond that can be used out-of-the-box. The UK deposit products are preconfigured, and all products are provided with product conditions in Sterling.

The Fixed Deposit and Fixed Bond products have been released to allow customers to buy these products so that banks can benefit from a high interest rate and make sure that the money will not be accessed before maturity.

The topic related to this feature is given below:

[Predefined Savings and Deposits Products](#)

# United States Model Bank

## NSF Decision and Queue Management » User Externalization

This functionality enables banks to allocate NSF desks to NSF officers that are moved from the user profile in Temenos Transact to a new configuration application for NSF decisioners.

The topic related to this feature is given below:

[NSF Decision and Queue Management](#)

## NSF Decision and Queue Management » Validation of OD Decisioning with Decisioner Limit Amount

This functionality enables banks the ability to implement automated validations and controls for decisioning of NSF (Non-Sufficient Funds) items from Return to Pay based on OD authority limits, so that they can improve the operations.

The topic related to this feature is given below:

[NSF Decision and Queue Management](#)

# Retail

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## Arrangement Architecture, Retail Accounts » Balance Cure Service for Waiving NSF Charges

When accounts with Overdraft processing enabled are overdrawn, it is now possible to enable the Balance cure service on the account by setting the *O/D Grace Period* field in Balance Availability condition to either 1D or 2D. That is, if the customer clears the debit balance on the account within the stipulated grace period of either 1 or 2 working days, then the NSF charges levied on the account are waived either fully or partially. Also, the balance cure service can be de-activated on the account by configuring *O/D Grace Period* as Null or blank.

Banks can notify customers about the activation, modification, or de-activation of balance cure service on their accounts using the Activity Messaging condition.

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

**The topics related to this feature are given below:**

[Introduction to Balance cure service](#)

[Overdraft Grace period field in Balance Availability](#)

[Configuring Overdraft Grace Period for Waiving NSF Charges in an Account](#)

[Illustration of Balance Cure Service for Waiving NSF Charges](#)

[Overdraft Grace Period](#)

[Current Account - NSF Charges](#)

[Activate Balance Cure Service](#)

[Balance Cure Service](#)

## Arrangement Architecture, Retail Accounts » Capping NSF Charges based on Amount and Count

The Non-sufficient funds (NSF) charges levied on an account per day can be capped based on either the amount or transaction count using the Pricing Rules condition. When the NSF charges are capped based on the amount, then the NSF fee can be waived either fully or partially based on the cap amount defined.

- Amount - For example: Each NSF exception levies an NSF fee of USD 30 on the account. The NSF fee is capped at an amount of USD 105 per day.
- Transaction count - For example: Each NSF exception levies an NSF fee of USD 35 on the account. The NSF fee is collected only three times per day for an account.

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

The topics related to this feature are given below:

[Configuration for Capping of NSF charges](#)

[Illustration of Capping NSF charges](#)

# Technology

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## Integration Framework

### Transact Data Replicator » Temntracer

The Data Replicator feature is enhanced to support Temntracer. It also supports Jaeger for tracing between the queue components.

It is used to monitor the performance of a system. It measures the time taken at each service, the network latency, and other performance metrics. This data is essential for optimizing service response time and ensuring that the system meets performance objectives.

The topic related to this feature is given below:

[Configuring Temntracer](#)

### Data Quality Feedback Mechanism » Feedback Mechanism Containerisation

The DQ feedback mechanism runs as a standalone application. To make it cloud-ready, the user can deploy the DQ Feedback Mechanism either in docker as a container or in K8 using the helm chart. These docker containers ensure consistency in development, testing, and production environments. The DQ feedback mechanism allows the user to start, stop, and scale up or down the containers quickly.

The topic related to this feature is given below:



### Feedback Mechanism Containerization

## User Experience

### UXP Browser » Supporting Browser Tools for Enquiries and Version

UXP Browser is enhanced with the following features.

- A record in the version contained only the default permissible actions. The user can now create new custom tool actions using the `BROWSER.TOOLS` application that should be attached to the toolbar using the `BROWSER.TOOLBAR` application. When this customised toolbar is attached to a version in the version definition, only these actions are displayed for a version record irrespective of its mode of display. The user can now create new tool actions and customise the toolbar based on their requirements.
- Only docommand type browser tools (`docommand("ResourceName")`) are supported for enquiry. In this enhancement, the UXP Browser supports browser tools with item docommand ("`%%ACTION`").

The topics related to this feature are given below:

[Browser Tools in Version](#)

[Browser Tools in Enquiries](#)

# Technical Notes

# Banking Framework

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## Delivery » Generating a Unique UETR for the Same Transaction Reference

The DE.UETR.REF.FILE concat now has multiple *End Ref* field values for those transactions that have multiple UETR references for every transaction.

# Retail

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## Arrangement Architecture, Retail Accounts » Balance Cure Service for Waiving NSF Charges

The following are the amendments made in AA.GET.TOLERANCE.AMOUNT routine, where AA.BalanceAvailability.GetToleranceAmount is the API that uses the AccountNumber, Currency, EffectiveDate, ToleranceAmount, OdChargeRevAction parameters.

- To fetch the OD.CHARGE.REV.ACTION [GPD1] [NMA2] field value, the first field marker position of OdChargeRevAction must be used.
- To fetch OVERDRAFT.GRACE field value, the second field marker position of OdChargeRevAction must be used.

## Arrangement Architecture, Retail Accounts » Capping NSF Charges based on Amount and Count

The following are the amendments made in AA.GET.CAP.CHARGE.AMOUNT routine, where AA.GET.CAP.CHARGE.AMOUNT is the API that uses the ArrangementID, ActivityIDs, ActivityDate, SkipPricingBenefit, Reserved2, Reserved3, ChargeAmounts, ChargeAmountsLcy, CappedChargeAmount, Reserved4, ReturnError parameters.

Reserved1 is changed to SkipPricingBenefit. SkipPricingBenefit is an incoming argument, which when set excludes the pricing benefit on the charge amount.