

What's New in Temenos Infinity

September 2023

Information in this document is subject to change without notice.

No part of this document may be reproduced or transmitted in any form or by any means, for any purpose, without the express written permission of TEMENOS HEADQUARTERS SA.

© 2023 Temenos Headquarters SA - all rights reserved.

Table of Contents


Key Features	3
DIGITAL BANKING SERVICING MICRO APPS	4
Arrangements Micro App	4
DIGITAL BANKING	4
Corporate Origination	4
SME Business Banking - SBA	4
Generic Changes for all the Infinity Apps	4
MICROSERVICES	4
Release Highlights	5
Temenos Infinity	6
Digital Servicing Micro Apps	6
Arrangements Micro App	6
Digital Banking	8
Corporate Origination	8
SME Business Banking - SBA	8
Generic Changes for all the Infinity Apps	9
Microservices	11
Marketing Catalog	11
Holdings	11

Key Features

The following are the key features of 202309. For the list of Reference Business Process, click [here](#).

DIGITAL BANKING SERVICING MICRO APPS

Arrangements Micro App

Transaction listing in the accounts overview screen is enhanced. [Click here to read the full story](#) 

DIGITAL BANKING

Corporate Origination

Introduction of Deal Structure. [Click here to read the full story](#) 

SME Business Banking - SBA

Smart Banking Advisor - Tile, Hamburger Menu. [Click here to read the full story](#) 

Generic Changes for all the Infinity Apps

Enhancements in infinity-authtoken-manager, etc.

MICROSERVICES

Enhancements made to the following Microservices: Marketing Catalog, and Holdings.

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

Release Highlights

Temenos Infinity

Digital Servicing Micro Apps

Micro Apps are applications with specific functionality which are fast and efficient than monolithic applications. While traditional monolithic apps contain a wide range of functionality including front-end and back-end operations, Micro Apps are simple, lightweight in nature with targeted functionality.

Arrangements Micro App

- As part of this enhancement, the following were covered:
 - Introduction of tabs- 'Pending' and 'Posted' in the overview instead of the existing tabs as 'All,' 'Transfers,' 'Deposits,' 'Checks,' and 'Withdrawals' so that the user will be able to view the completed transactions and pending transactions in a separate tab which is developed in an auto responsive layout.
 - Removal of transactions per page view option from the UI. The count of transactions per page is rendered basis of a new configuration introduced at the spotlight application level (System configuration - Bundle: DBP). This count is made configurable and can be changed in the spotlight application. This configured value will be applied across the landing page - Posted/ Pending and the results for the Advance search performed by the user.
 - Introduction of new configurations for fetching the pending and posted transactions count separately from the back end (Transact). This count is configurable and can be changed in the spotlight application (System configuration - Bundle: DBP). Example: If the configured count for posted transactions is set as "20", then the API payload will be enhanced accordingly to fetch 20 transactions from Transact.
 - Advanced search functionality enhancement for Blocked funds transaction wherein the user would be able to do a search basis

time as (last seven days, 14 days, 1, 2, 3, 6 and 12 months and custom time period) with Keyword, reference number search.

The advanced search option is shown as a pop-up screen to the user as part of this enhancement.

- The advanced search option will have defaulted with the values of a time period with "seven days" and Transaction type as "All transactions," there is a server-side search functionality enabled for the user performing an advanced search on the transactions page.
- The description field in the Infinity UI is mapped to a concatenated text value of "Display Name" + "Narrative" from Transact. These changes were applied to the landing page tabs, Advance search results, as well as the transaction download file, which is performed by the end-user across the landing page, advance search download, and per transaction download file.
- Removal of the Date selection option on the download transactions option performed by the user on the landing page and the transactions which were fetched from the back end in the specific tab will be downloaded and presented to the user based upon the format selection. Example: If the user clicks download from the 'Posted' tab on the landing page, the Posted transactions fetched from the back end as per the configured count will be part of the downloaded file.

The topic related to this feature is given below:

[Digital Banking Servicing Micro Apps](#)

Digital Banking

Corporate Origination

Introducing Deal Structure

- The credit application can contain a deal, and the facilities will be associated with the deal.

The topic related to this feature is given below:

[Corporate Origination](#)

SME Business Banking - SBA

The Smart Banking Advisor is a digital banking application for a bank's business banking customers. Initially built as a standalone Infinity application, formerly known as Virtual Chief Operating Officer (Virtual COO / VCOO), this project aims to integrate Smart Banking Advisor as a Micro App within Infinity Business Banking.

- **Smart Banking Advisor - Tile** - The tile or icon of smart banking advisor with the enrollment call to action (CTA) will be available in the top right of the post login dashboard screen from where the user can navigate to complete the enrollment to smart banking adviser for the business.
- **Accounting Software Selection** - Accounting software selection for SBA business is done by the user based on which the accounting details for a selected business will be fetched.
- **Hamburger Menu - Smart Banking Advisor** - The Hamburger menu of smart banking advisor will display the list of features such as enrollment, cash flow prediction, etc.

The topic related to this feature is given below:

[SME Business Banking](#)

Generic Changes for all the Infinity Apps

- Enhancements in infinity-authtoken-manager to support auth token generation for all MSs and T24 APIs based on the enabled token mode Fabric/Keycloak by the fabric runtime.
- Introduced two new clients, msfauthcode and irfxauthcode at the Keycloak existing realm end to authenticate MS and T24 endpoints with Keycloak.
- All Infinity Apps will be using the “Infinity Auth Token Manager” maven module only to generate the authorization token.

Below are the new set of Fabric runtimes introduced:

Keycloak/Fabric Auth Enabled > Specific to MS

Key	Value	Comments
MS_AUTH_TYPE	fabric/keycloak	We need to give Keycloak if MS is Keycloak enabled.

Keycloak/Fabric Auth Enabled > Specific to T24

Key	Value	Comments
T24_IRF_PROVIDER_AUTH_TYPE	keycloak	We need to give keycloak if transact war is keycloak enabled. This runtime param is only meant for irf-provider-container war.
T24_JWT_IRF_PUBLISHER_SUB	INPUTT	Sub for JWT token required for irf-publisher-container war.

Keycloak Auth Enabled > Specific to MS

The below values has to get by logging into keycloak from the current env.

If client secret is not present need to generate and update it.

Key	Value
MS_KEY_CLOAK_CLIENT_ID	msfauthcode
MS_KEY_CLOAK_USERNAME	msuser
MS_KEY_CLOAK_CLIENT_SECRET	BiG1K1a7BjmmacjK4CE4Tn0wzN0065SC
MS_KEY_CLOAK_PASSWORD	123456

Fabric Auth Enabled >Common to MS/T24

Key	Value
MS_T24_AUTH_TOKEN_VALIDITY	3600000

Keycloak Auth Enabled >Specific to T24

The below values has to get by logging into keycloak from the current env.

If client secret is not present need to generate and update it.

Key	Value
T24_KEY_CLOAK_CLIENT_ID	irfxauthcode
T24_KEY_CLOAK_USERNAME	inputt
T24_KEY_CLOAK_CLIENT_SECRET	qGI9THvtLB0JtJKRs9hJ6je2jaaPL9vR
T24_KEY_CLOAK_PASSWORD	123456

Microservices

Marketing Catalog

- Development of CRUD APIs for MCMS - facilities.
- Development of New CRUD APIs for facilityType.
- Development of New CRUD API for dayBasis.
- Development of New CRUD API for featureType.

The topic related to this feature is given below:

[Marketing Catalog](#)

Holdings

- updateContractBalance - business event.
- Ingestion from PHMS into HMS.

The topic related to this feature is given below:

[Holdings](#)