Temenos Close of Business Orchestration

Solution Brief

The close of business (COB) process is an essential part of the Temenos T24 Core Banking solution. This multi-step workflow initiates thousands of tasks across five main stages — Application, System Wide, Reporting, Start of Day, and Online — each with specific conditions and dependencies.

Due to this complexity, COB can be challenging to monitor and manage with confidence. This brief explains how Stonebranch Universal Automation Center (UAC) integrates with Temenos to orchestrate COB triggers, centrally manage operations, and enhance observability. With Stonebranch, you gain full visibility and control over COB, ensuring efficient and reliable execution every day.

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Stonebranch Solution for Temenos COB Orchestration

Stonebranch — in collaboration with Temenos subject matter experts — has developed two Universal Extensions for Universal Automation Center (UAC) to help streamline and orchestrate the Temenos T24 COB process: Execute Temenos COB Process and Monitor Temenos COB Process.

Significantly reduce overall COB processing time

Simplify operations through orchestration — no specialized T24 expertise required!

Execute Temenos COB Process

temenos

Free

Temenos T24

Temenos T24 Transact core banking software is a real-time core banking system and this integration with T24 allows UAC to...

DOWNLOAD AND SETUP

Monitor Temenos COB Process

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Temenos T24: COB Monitoring

Temenos T24 Transact core banking software is a real-time core banking system. This integration with T24 allows monitoring...

DOWNLOAD AND SETUP

These two integrations are designed with a flexible, open architecture that allows users to customize and adapt the integration to achieve their specific requirements. They're available on the Stonebranch Integration Hub, alongside 100+ other pre-built, installable enhancements allow end-users to orchestrate the automated processes that run across their existing third-party applications and platforms. Via integrations, you may connect Stonebranch solutions to third-party solutions that span across cloud services providers, data tools, developer tools, business applications, and more.

By integrating Stonebranch UAC into your operations, you can achieve greater efficiency, reduce operational risks, and maintain a competitive edge in the financial industry.

![Stonebranch logo] **stonebranch**

Execute Temenos COB Process

The Execute Temenos COB Process integration is a Universal Extension that equips organizations with essential automation and monitoring capabilities for managing the Temenos T24 COB process through the Stonebranch Universal Controller.

Key supported functionalities within T24 include:

- **Start/Stop Actions:** Start/Stop TSM Service, Start/Stop/Monitor COB Service, Start TSM in Phantom Mode

- **Status Check Actions:** Check Agent Status in T24, Check COB Status, Check TSM Status, Fetch COB Batch Status, Clear TSA Status

- **COB Pre-Check Actions:** COB Date Check, Holiday Calendar Check, EB EOD Error Check

- **Report:** COB Report RT & JT Analyze

- **Other:** Run a DBTOOL command (OSF, JQL, or SQL) in T24

For detailed technical information, refer to the Stonebranch documentation for Temenos T24.

Key Features

Automated Scheduling and Execution
Enables scheduling, automation, and execution of the daily COB process within T24, minimizing manual intervention and reducing the risk of human error.

Comprehensive Monitoring
Provides overall monitoring of the COB run. For stage-by-stage monitoring, the Monitor Temenos COB Process integration can be easily added.

Alerting and Proactive Management
Monitors the COB execution progress and sends real-time alerts in the event of delays or failures, allowing for rapid response and issue resolution.

Customizable COB Workflows
Allows for tailored workflows with configurable pre- and post-conditions, supporting seamless customization of the daily COB execution.

Monitor Temenos COB Process

The Monitor Temenos COB Process integration is a Universal Extension that provides comprehensive capabilities for tracking the progress and health of COB execution in Temenos T24.

This integration empowers teams with precise control over the COB process, reducing operational risk and enabling timely issue resolution.

For detailed technical information, refer to the Stonebranch documentation for Temenos COB Monitor.

Key Features

Automated Monitoring at Custom Intervals
Monitors COB execution at user-defined intervals to ensure consistent oversight.

Stage-Specific Tracking
Enables detailed monitoring across COB stages — Application, System Wide, Reporting, Start of Day, Online, and Overall — allowing users to pinpoint specific stages for closer inspection.

Flexible Alerting
Sends notifications for COB execution failures through preferred channels, such as email, Slack, Teams, Jira, PagerDuty, or ServiceNow, using user-defined tasks.
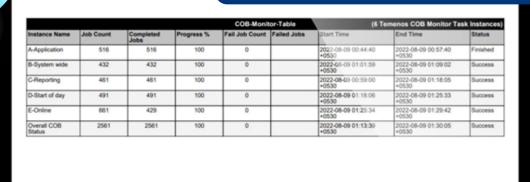
Customizable Reporting and Dashboards
Offers options to create custom reports, widgets, and dashboards for stage-specific COB monitoring, including insights into:
- Progress percentage
- Count and names of failed jobs
- Execution duration for each COB stage

Real-Time Status Inquiry
Retrieves COB batch status directly from the T24 system via OFS inquiry, ensuring up-to-date visibility into execution status.

						COB-Monitor-Table		(6 Temenos COB Monitor Task Instances)
Instance Name	Job Count	Completed Jobs	Progress %	Fail Job Count	Failed Jobs	Start Time	End Time	Status
A-Application	516	516	100	0		2022-08-09 00:44:40 +0530	2022-08-09 00:57:40 +0530	Finished
B-System wide	432	432	100	0		2022-08-09 01:01:59 +0530	2022-08-09 01:09:02 +0530	Success
C-Reporting	461	461	100	0		2022-08-09 00:59:00 +0530	2022-08-09 01:18:05 +0530	Success
D-Start of day	491	491	100	0		2022-08-09 01:18:06 +0530	2022-08-09 01:25:33 +0530	Success
E-Online	661	429	100	0		2022-08-09 01:25:34 +0530	2022-08-09 01:29:42 +0530	Success
Overall COB Status	2561	2561	100	0		2022-08-09 01:13:30 +0530	2022-08-09 01:30:05 +0530	Success

Why Automate?

By automating manual processes with a platform like Stonebranch UAC, organizations gain the agility to meet today's demands while laying the groundwork for sustainable growth and continuous innovation.

A Comparison of Manual and Automated COB Processes

	Manual COB Process	Automated COB Process
Operations	Requires manual entry for all steps, such as accessing PAM, typing commands, etc.	Eliminates manual tasks; only requires clicking to control the entire process workflow.
Information Configuration	Information about the server, user/password, and commands are managed manually by the operator.	Information about servers, users/passwords, and commands are configured, stored, and managed via UAC.
Monitoring	Monitoring and error detection are done on individual servers.	Complete process monitoring is available in UAC; alerts are automatically sent if an issue is detected.
SLAs	Monitoring and timing of each step is required to detect SLA breaches.	Automatic issue identification and alerting of potential SLA breaches for each step in the process.
Training	Trainee must learn how to operate each step manually on each server.	Trainee only needs to learn how to operate UAC.

Why Orchestrate?

Enterprises use Stonebranch UAC to help break down automation silos with centralized control of end-to-end processes. It empowers data, development, and IT teams to simplify complex hybrid IT workflows, monitor automated IT processes across multiple systems, and move quickly with proactive alerts to keep operations intact and data flowing.

Shorten processing times

Reduce human error

Centralize observability

Simplify onboarding

Auto-detect SLA breaches

Figure 1: Magic Quadrant for Service Orchestration and Automation Platforms

Gartner®

Stonebranch is a SOAP Leader

2024 Gartner® Magic Quadrant™ for Service Orchestration and Automation Platforms (SOAPs)

Read the Report

Stonebranch Universal Automation Center

Stonebranch UAC is a robust service orchestration and automation platform (SOAP) that offers:

- **End-to-End Process Orchestration**
  Streamline financial operations by integrating workflows across core banking systems, ERPs, and FinTech applications, reducing manual intervention and minimizing errors.

- **Regulatory Compliance Support**
  Maintain adherence to stringent financial regulations through automated monitoring and reporting, ensuring your institution meets all necessary standards.

- **Data Security Enhancement**
  Safeguard sensitive information with strong security protocols, protecting against potential breaches and ensuring the integrity of your data.

About Stonebranch

Stonebranch builds IT orchestration and automation solutions that transform business IT environments from simple IT task automation into sophisticated, real-time business service automation. No matter the degree of automation, the Stonebranch platform is simple, modern, and secure. Using the Stonebranch Universal Automation Center platform, enterprises can seamlessly orchestrate workloads and data across technology ecosystems and silos. Headquartered in Atlanta, Georgia, with points of contact and support throughout the Americas, Europe, and Asia, Stonebranch serves some of the world's largest financial, manufacturing, healthcare, travel, transportation, energy, and technology institutions. For more information about Stonebranch, visit **www.stonebranch.com**.

UAC works in hybrid IT environments across multiple platforms and business applications in real-time. Available on-premises or as a SaaS-based deployment, the UAC is a modern platform built to scale with your business.

To learn more about how an automation platform can drive your business forward, contact us today.

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