

Finonyx QuantumBus

Smart Service Management & Integration Control Platform for Banks

Banks today rely heavily on multiple integration services, APIs, middleware connectors, and adapters to ensure smooth operations across digital channels, core banking systems, and third-party services. Managing these integrations manually often results in limited visibility, deployment errors, poor governance, and increased operational workload.

Finonyx QuantumBus is a centralized, intelligent service management platform that simplifies, monitors, and automates integration operations. Built with modern architecture and integrated with WSO2 Micro Integrator, it enables banks to monitor, deploy, control, and govern all integration services from a single dashboard, securely and efficiently.

Why QuantumBus?

- Real-time visibility of service health and integration performance
- Reduces DevOps dependency for deployment and monitoring
- Seamless integration with WSO2 Micro Integrator and Oracle FLEXCUBE environments
- Enables centralized governance, version control, and rollback capabilities
- Improves operational control, reduces errors, and speeds up service delivery

Core Features

Unified Service Monitoring Dashboard

View real-time status of all integration services, transaction flows, errors, and system health.

One-Click Deployment & Control

Deploy, start, stop, or restart adapters and services directly from the centralized UI.

Version Control & Rollback

Automatically stores previous versions of deployed services with rollback to stable releases.

API Execution & Management

Execute and manage APIs directly from the user interface or through external REST calls.

Automated Backup & Restore

Backup service configurations and restore them instantly to maintain system continuity.

Metadata-Based Governance

Define integration types, notification rules, and deployment policies to ensure standardization.

Real-Time Logs & Traceability

Track transactions end-to-end with audit trails for troubleshooting and compliance.

WSO2 MI Integration Ready

Built to work seamlessly with WSO2 Micro Integrator for service orchestration and management.

Technical Highlights

Component	Details
Architecture	Centralized Web UI, Microservices-Based Platform
Integrations	WSO2 Micro Integrator, Oracle FLEXCUBE APIs, RESTful Services
Deployment Support	.CAR File Packages, Version Control & Rollback
APIs & Communication	REST APIs for service control, monitoring, and automation
Security	Role-based access, encrypted communication, audit logging
Scalability	Supports multi-environment, multi-branch, high-volume integration workloads
Backup Capability	Automated service configuration backup and restore options

Business Impact

Operational Efficiency & Speed

Reduces manual intervention in service deployment and monitoring, saving time and effort for DevOps and IT teams.

Reduced Errors & Downtime

Automated workflows and version rollback minimize deployment failures and service disruptions.

Enhanced Visibility & Control

Gives complete transparency into integration workflows, transaction logs, and performance metrics.

Improved Governance & Compliance

Provides audit trails, metadata-based policies, and secure service lifecycle management.

Faster Change Management

Enables quicker rollout of new services, updates, and patches across integration environments.

Supports Innovation & Digital Growth

Banks can confidently launch new APIs, channels, and digital banking features without integration risks.

Smarter Control Over Banking Integrations

Finonyx QuantumBus empowers banks with centralized control over all integration services, ensuring reliability, scalability, and real-time visibility. It simplifies complex middleware operations, enabling banks to stay agile, compliant, and future-ready.

Partner with Finonyx

Join hands with a partner that understands banking inside out. Finonyx combines deep domain expertise with future-ready solutions like QuantumBus to power your digital transformation journey.

For more info



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