

Oracle® Banking Operational Ledger

Release Notes



Release 14.9.0.0.0

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ORACLE®

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Preface

This topic contains the following sub-topics:

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Purpose

The purpose of this Release Note is to propagate the features of Oracle Banking Operational Ledger for the 14.9.0.0.0 release.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

Table Acronyms and Abbreviations

Abbreviation	Description
BOD	Beginning of Day
EOD	End of Day
FCY	Foreign Currency General
GL	General Ledger
LCY	Local Currency
MIS	Management Information System
UI	User Interface
OJET	Oracle JET
OBOL	Oracle Banking Operational Ledger

Audience

This document is intended for the following audience:

- Customers
- Partners

Background

Oracle Financial Services Software Limited has developed Oracle Banking Operational Ledger (OBOL), a comprehensive financial management platform that enables efficient management across banks, departments, and business units from a single platform, simplifying consolidation and reporting. Oracle Banking Operational Ledger streamlines accounting and financial reconciliation processes by centralizing financial transaction management, ensuring accuracy, compliance, and transparency.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Conventions

The following text conventions are used in this document:

Table Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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Related Resources

For more information on any related features, user can refer to the following documents:

- *Oracle Banking Operational Ledger User Guide*
- *Oracle Banking Micro-services Architecture Guides*

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Release Notes

This topic contains the following subtopics:

- [Release Highlights](#)
This topic provides the information on the release highlights added to the product in this release.
- [Release Enhancements](#)
- [Deprecated Features](#)

1.1 Release Highlights

This topic provides the information on the release highlights added to the product in this release.

The scope of the current release of Oracle Banking Operational Ledger is to enhance business processes by the following:

- Streamlining the transfer of General Ledger entries from various product processors, generating inter-branch entries, supporting balance tracking, managing foreign currency (FCY) revaluations, and facilitating period closures.
- Streamlining Kafka notifications for unbalanced and inter-branch transaction failures, enabling aggregate balance population, introducing the General Ledger cutoff feature, and implementing dashboard widgets for improved monitoring and visibility.
- Rebuild of General Ledger Balance
- Archival of Transaction Entries and Balances

This release also focused on technical qualifications to comply with the approved Tech Stack along with data privacy features.

1.2 Release Enhancements

This topic contains the following subtopics:

- [Functional Features](#)
- [Non-Functional Changes](#)
- [Technical Changes](#)
- [Platform Changes](#)

1.2.1 Functional Features

Following are the release enhancements of the OBOL 14.9.0.0.0 release:

- **Chart of Accounts**
The Operational Ledger enables the seamless management and maintenance of the general ledger, offering advanced functionality for tracking and recording financial transactions.

- **Transaction Accounting Handoff to Operational Ledger along with MIS**
The Operational ledger streamlines the process of handing off transaction accounting entries to the operational ledger along with MIS, ensuring smooth and accurate data transfer. This improvement enhances efficiency when processing large volumes of transactions and accelerates financial reporting.
- **Inter Branch Accounting**
The Operational Ledger now processes inter-branch entries based on bank-level preferences. The system automatically resolves the inter-branch accounting setup and generates the necessary additional pairs of entries, ensuring accurate and efficient handling of inter-branch transactions. This enhancement streamlines inter-branch accounting, which improves overall system accuracy and consistency.
- **System Account Generation**
The Operational Ledger now enables the automatic creation of system accounts based on predefined criteria, such as general ledger, branch code, currency, and 30 MIS categories, including Customer, Composite, and Transaction.
- **Granular Level Balances of System Account**
The Operational Ledger tracks system account balances for transactions, including Value Dated (VD), Book Dated (BD), and period-specific balances. This enhancement provides a comprehensive view of account balances, which improves financial data tracking and management while ensuring greater accuracy and transparency in reporting.
- **Aggregate balances for System Account parameters** The Aggregate Balance of General Ledger and MIS feature consolidates the total balances of all system accounts recorded in both the General Ledger and the Management Information System. When period-wise balances of system accounts contain matching entries based on criteria such as Branch Code, General Ledger Code, Currency Code, Related Reference, Related Customer, MIS, and Financial Year Period Code, the system automatically computes the total balance for the specified combination.
- **Default MIS option by Source Systems**
The Operational Ledger enables the application of Management Information System (MIS) data to transactions posted by an external system, provided the MIS has been previously maintained for that system. This ensures accurate categorization of transactions and alignment with the relevant MIS data, streamlining integration and enhancing data consistency across systems.
- **Foreign Currency Revaluation of System Account**
The Account Revaluation process has been introduced into the Operational Ledger to update the local currency (LCY) equivalent of foreign currency (FCY) account balances. This ensures that balances accurately reflect current market exchange rates.
- **Transaction Adjustment Entries**
The Operational Ledger now supports posting adjustment entries to system accounts, ensuring that these accounts remain balanced. This feature provides greater flexibility in maintaining accurate financial records by allowing necessary adjustments to be made seamlessly within the system.
- **Trial Balance**
Users can view Trial Balance details for the selected accounting period, including opening balances, transaction movements, and closing balances for each GL account. This helps identify discrepancies and validate ledger accuracy before reporting.
- **Extended Window for Period Closure**
An extended period-closure window has been introduced in the Operational Ledger, providing the bank with enhanced flexibility in managing the closing process. This feature offers additional period days during financial closure, ensuring that all transactions are processed and balances are updated before the financial period concludes.

- **Operational Ledger Accounting Entries Enterprise Handoff**
The Operational Ledger Accounting Entries Enterprise Handoff enables the seamless transfer of accounting entries from the Operational Ledger to the Enterprise GL. This integration ensures that financial data from various systems recorded in the Operational Ledger is efficiently passed to the broader Enterprise GL system for further processing, analysis, and reporting.
- **Kafka Notification for Unbalanced and Inter-Branch Failure Transactions**
Notifications are generated for transactions whose total debit does not match total credit, and for failed inter-branch entries, in both real-time and batch processing.
- **General Ledger Cutoff Handling for Transaction Accounting Entries**
During EOD, the system marks the General Ledger cutoff for the relevant branch. New accounting entries use the next working day when cutoff is enabled, otherwise the current date. The cutoff status is reset during BOD after the date change.
- **Balance Enquiry Screen for Leaf and Node General Ledger**
The system aggregates period-wise GL and MIS balances by Branch Code, General Ledger Code, Currency Code, Related Reference, Related Customer, MIS details, and Financial Year Period. Without a System Account Number, Branch Code, General Ledger Code, and Currency Code are mandatory.
- **Dashboard Widgets** The Source and Transaction Currency Summary Widget provides a bar-chart view of transaction amounts by source or branch and currency. The Branch-Wise Balance Check Widget shows real and contingent debit and credit balances by branch and currency.
- **Rebuild of General Ledger Balance** The Recheck and Rebuild process validates and corrects discrepancies between System Account GL balances and underlying transaction data. Recheck identifies and logs mismatches without updates; Rebuild recalculates and updates impacted GL balances using Financial Cycle, Period Code, Branch Code, and optional Local Currency.
- **Archival of Transaction Entries and Balances** EOD archival automatically moves eligible historical transaction logs and system-account balance records from active tables to corresponding archive tables based on defined criteria and retention periods, with screens to view archived data.

1.2.2 Non-Functional Changes

There is no non-functional change in this release.

1.2.3 Technical Changes

There is no technical change in this release.

1.2.4 Platform Changes

There is no platform change in this release.

1.3 Deprecated Features

There is no deprecated feature in this release.

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Components of the Software

This topic explains the change in software components.

Documents Accompanying the Software

The various documents accompanying the software are as follows:

- Product Release Note
- User Manuals

Software Components

Software Components of Oracle® Banking Operational Ledger that are part of this release are as follows:

Host

- Service Components
- UI Components (OJET)
- Database objects which include Tables, Sequences, and Static Data
- Configuration files used for deployment

A

Environment Details

This topic provides the information on the environment details of Oracle® Banking Operational Ledger.

Tech Stack – Oracle Banking Operational Ledger

Table A-1 Tech Stack – Oracle Banking Operational Ledger

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Operational Ledger	Single Instance Standalone	Application Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 17.0.18
				Oracle Coherence	14.1.2.0.0
				Conductor	3.15
		Database Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release 19.29.0.0.0	19.29.0.0.0
		Message Broker	Oracle Linux Server 8.7 (x86 64 Bit)	Apache Kafka	2.13-3.9.2
		End User Machine(s)		Apple Safari	Apple Safari(17+)
				Google Chrome	Google Chrome Release (Version 131+)
				Microsoft Edge	Microsoft Edge(131+)
				Mozilla Firefox	Mozilla Firefox(132+)

Table A-2 UI Stack

Software Type	Recommended Software	Version Number
UI	Oracle JET	v18.1.0

Note

- **Release 14.9 shall be the terminal release of Oracle Banking Operational Ledger certified on Oracle WebLogic Server.**
- # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS.
- # **Client Machines:** For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at: <https://www.oracle.com/middleware/technologies/browser-policy.html>.
- Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.

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