

SOLUTION BRIEF

# Equilo: Intelligent Financial Reconciliation Framework

Accelerate reconciliation with AI-powered accuracy, automation, and transparency.



In financial operations, ensuring accuracy and consistency across multiple systems is critical. Yet, financial reconciliation, which is the process of comparing and aligning financial data from sources such as ledgers, bank statements, and cashbooks, remains highly manual, time-intensive, and error-prone.

Organizations often struggle to maintain integrity and completeness across financial records,

especially as data volumes grow and systems diversify. Traditional reconciliation methods rely heavily on spreadsheets and manual checks, which slow financial closes, increase risk exposure, and limit visibility into financial accuracy.

Enterprises need a faster, more consistent, and auditable way to ensure accuracy, completeness, and confidence in their financial data at scale.

## The Financial Reconciliation Challenge

As enterprises modernize their finance and accounting systems, financial reconciliation grows increasingly complex. Multiple data sources, including bank feeds, ERP systems, and transaction platforms, generate large volumes of data in varying formats and frequencies. These inconsistencies introduce mismatches that delay reporting, increase compliance risks, and strain finance teams.



Key challenges include:

- Manual, repetitive matching and validation processes.
- Difficulty ensuring data completeness and consistency across systems.
- Limited visibility into reconciliation progress and audit trails.
- High dependency on skilled analysts for exception management.
- Scalability constraints during peak financial cycles.

To meet these demands, organizations need a cloud-native, automated framework that ensures accuracy, efficiency, and auditability, without compromising control or compliance.

# Introducing Equilo

**Equilo** is NuSummit's cloud-native financial reconciliation framework designed to automate, validate, and audit financial data across systems in real time.

Built on **AWS and Snowflake**, Equilo combines modular architecture, metadata-driven logic, and secure automation to reconcile high-volume financial data with precision.

By unifying data ingestion, transformation, comparison, and exception handling within a governed environment, Equilo enables organizations to achieve faster closes, stronger controls, and full transparency.



## Key Capabilities

Equilo brings together automation, metadata intelligence, and cloud scalability to deliver a strong and transparent reconciliation experience. Its modular, configurable framework allows organizations to streamline complex reconciliation processes while maintaining control and compliance. Core capabilities include:



### Automated Reconciliation Engine

Configurable logic to compare and resolve data discrepancies across multiple financial systems.



### Audit and Compliance Reporting

Comprehensive audit trails and reports to support regulatory and internal governance needs.



### Metadata-Driven Framework

Centralized metadata tables for mapping, configuration, and audit, ensuring flexibility and traceability.



### Exception Management

Automatically flags mismatches and logs exceptions for easy review and resolution.



### Cloud-Native Architecture

Built on AWS and Snowflake for scalability, reliability, and secure data handling.



### Process Automation

Orchestrated through AWS EMR, Lambda, and CloudWatch for seamless ingestion, transformation, and execution.



## Why Equilo

**Equilo** stands apart as a purpose-built, cloud-native framework that balances automation with control. Unlike traditional reconciliation tools or manual processes, it integrates end-to-end automation, metadata intelligence, and auditable transparency, enabling finance teams to reconcile faster, smarter, and with full confidence.

### Key Differentiators

- Modular, metadata-driven design adaptable to any reconciliation use case.
- Seamless integration with AWS and Snowflake ecosystems.
- Embedded audit and compliance mechanisms.
- Cloud-native scalability and security with minimal operational overhead.
- Built and delivered by NuSummit's experts in data, cloud, and AI modernization.

## Business Benefits

By automating and standardizing reconciliation, Equilo empowers finance and audit teams to achieve faster, more accurate, and compliant financial operations. Key benefits include:



### Accelerated Close Cycles

Cut reconciliation timelines from days to hours through automation.



### Improved Accuracy and Control

Eliminate manual errors with rule-based validation and standardized processes.



### Transparency and Governance

Full auditability with metadata-driven logging and reporting.



### Operational Efficiency

Reduce manual workload and dependency on specialized analysts.



### Enterprise Scalability

Designed for high-volume, multi-entity reconciliation across cloud environments.



### Stronger Compliance

Maintain consistent, documented reconciliation logic for internal and external audits.



## Why NuSummit?

NuSummit brings deep expertise across AI and Data, Cloud Modernization, Digital Engineering, and Cybersecurity within the financial services sector, helping enterprises operationalize intelligent automation responsibly and effectively. Our frameworks are designed to ensure accuracy, efficiency, and compliance while accelerating transformation outcomes. With proven expertise across AWS, Snowflake, and Databricks ecosystems, we focus on delivering secure, scalable, and governed implementations. NuSummit has demonstrated consistent success in AI-driven financial data modernization and remains committed to achieving measurable business outcomes and lasting client success.

**Equilo** eliminates one of the most time-consuming and risk-prone functions in finance: reconciliation. Through automation, metadata intelligence, and cloud scalability, it ensures data integrity, transparency, and confidence in every financial record.

With **NuSummit's** expertise and proven delivery frameworks, organizations can modernize their financial operations and achieve faster, more accurate reconciliation at enterprise scale.



# About NuSummit

NuSummit is a global technology leader in AI-led digital transformation, specializing in applications, data, analytics, cloud, and cybersecurity. With over 300 clients worldwide, including 22 Fortune 500 companies, NuSummit supports organizations across industries. Our core expertise lies in banking, insurance, and capital markets, where we offer specialized solutions for these sectors.

With over two decades of experience and 3,000+ professionals, we deliver AI-driven, end-to-end solutions that integrate advanced cloud infrastructure and cybersecurity. Certified to top industry standards and backed by a robust partner ecosystem of hyperscalers and niche innovators, NuSummit is a trusted partner for secure, impactful digital innovation.

**For more information, write to [connect@nusummit.com](mailto:connect@nusummit.com)**

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