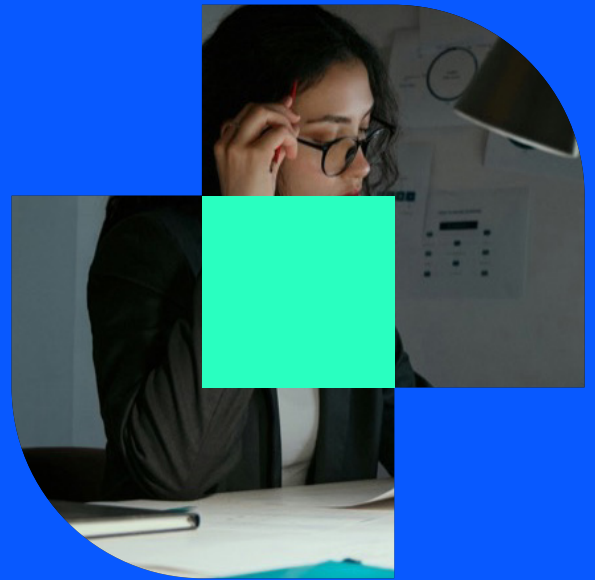


Use Case

Trade Lifecycle

SOLUTION

Smart Reconciliations



The Trade lifecycle reconciliation process ensures that any trade across FX, money markets, derivatives, fixed income, equities, repo, and commodities is consistently and accurately represented as it moves from execution to booking, confirmation, clearing, settlement and finally accounting. It aligns disparate data sources, links lifecycle events end-to-end, and provides a unified “golden record” of the trade so firms can operate with confidence, precision, and control, and provides a unified “golden record” of the trade so firms can operate with confidence, precision, and control. With regulatory and market pressure accelerating, firms need a lifecycle model capable of near instant progression. Automated workflow, combined with complete event traceability, provides a strong foundation for T+0/T+1 settlement and reduce operational dependency on manual sequencing.

Challenges

Financial institutions operate with a patchwork of front middle and back office systems that store and interpret the same trade differently, creating fragmented data, missing events, mismatched attributes, and avoidable settlement breaks. Teams spend significant time manually validating spreadsheets and tracing discrepancies across venues, custodians, and internal platforms/systems.

Breaks often arise not from incorrect data, but from lifecycle steps, such as confirmation, settlement instruction creation, payment release, or custodian notification that were never triggered. These silent failures delay settlement, restrict cash and asset mobility, and heighten operational exposure.

This lack of true front to back consistency drives up operational cost and introduces material business risk, undermining settlement efficiency, P&L accuracy, regulatory reporting, and the ability to meet growing audit and governance expectations.



The Accelerating Forces

Regulatory & Control Pressure: regulators and markets are raising expectations around transparency, completeness, and control.

Declining Tolerance for Inefficiency: as trading volumes grow, products become more complex, and institutions push for higher straight through processing rates, the operational tolerance for breaks and manual processes is rapidly shrinking, through processing rates, the operational tolerance for breaks and manual processes is rapidly shrinking.

The Cost of Inaction Is Rising: organisations need to act now to reduce risk exposure, ensure reporting accuracy, and remove the operational drag caused by legacy processes, before it impacts financial integrity and client trust.

Solution

A trade lifecycle reconciliation solution ingests data from every source system, execution venues, booking tools, confirmation platforms, clearing houses, settlement systems, valuation engines, and the general ledger and normalises, links, and matches each event across the full lifecycle.

Advanced matching engines validates trade economics, cashflows, settlement instructions, and accounting entries, while exception management identifies breaks, prioritises issues, and routes resolution across front middle and back office teams. Support for two way and three way matching extends validation to counterparties, custodians, CLS, and clearing utilities, ensuring confidence in instructions and obligations.

Dashboards and analytics provide complete visibility of lifecycle, break trends, settlement timeliness, regulatory readiness, and financial impact. Automation eliminates latency and manual sequencing, ensuring trades never stall between execution, confirmation, clearing, settlement, and accounting. Once validated, configurable workflows automatically initiate the next lifecycle step generating settlement instructions, triggering payments, allocating securities, issuing confirmations, or initiating GL and regulatory events.

Embedded referential data ensures every lifecycle event is accurate and fully validated. Settlement instructions and downstream triggers are enriched using SSI (Standard Settlement Instructions),

SPI (Standard Payment Instructions), portfolio static data, and asset registers including PSET and safekeeping details. By maintaining these datasets within the lifecycle engine, the solution ensures every automated step is driven by clean, current information, maximising straight through settlement and reducing operational risk.

Benefits

- ✓ **Complete front to back accuracy** Ensures every trade is consistently represented from execution through to accounting, eliminating discrepancies across systems.
- ✓ **Reduced operational and settlement risk** Automatically detects mismatches in economics, SSIs, counterparty details and cashflows, preventing breaks before they impact settlement.
- ✓ **Faster, workflow driven break resolution** Full traceability and automated exception management accelerate investigation and resolution across all operational teams.
- ✓ **Higher STP and greater operational efficiency** Minimises manual intervention, spreadsheet dependency and processing backlogs, driving a more streamlined trade lifecycle.
- ✓ **Enhanced governance and audit readiness** Complete data lineage, timestamped lifecycle events, and compliance ready reporting strengthen oversight and control.
- ✓ **Accelerated lifecycle progression & T+0/T+1 readiness** Automated workflows, validated reference data, and instant exception detection reduce latency between events and support faster, regulatory aligned settlement cycles.

Next steps

To discover how Smartstream can help you eliminate three way confirmation breaks and reduce settlement risk with real time control, [request a demo](#) or contact our team at **smart.stream**



About Smartstream

For more information visit:
smart.stream

Smartstream unlocks trusted, intelligent data insights – clearly, consistently, and without compromise.

Empowering leading global financial institutions and enterprises with innovative solutions that deliver accurate, timely data insights to streamline operations, reduce costs, and meet regulatory demands with confidence.

By harnessing data at the core of customer operations, Smartstream drives smarter, faster outcomes across reconciliations, liquidity, collateral, corporate actions, fees, and reference data solutions.