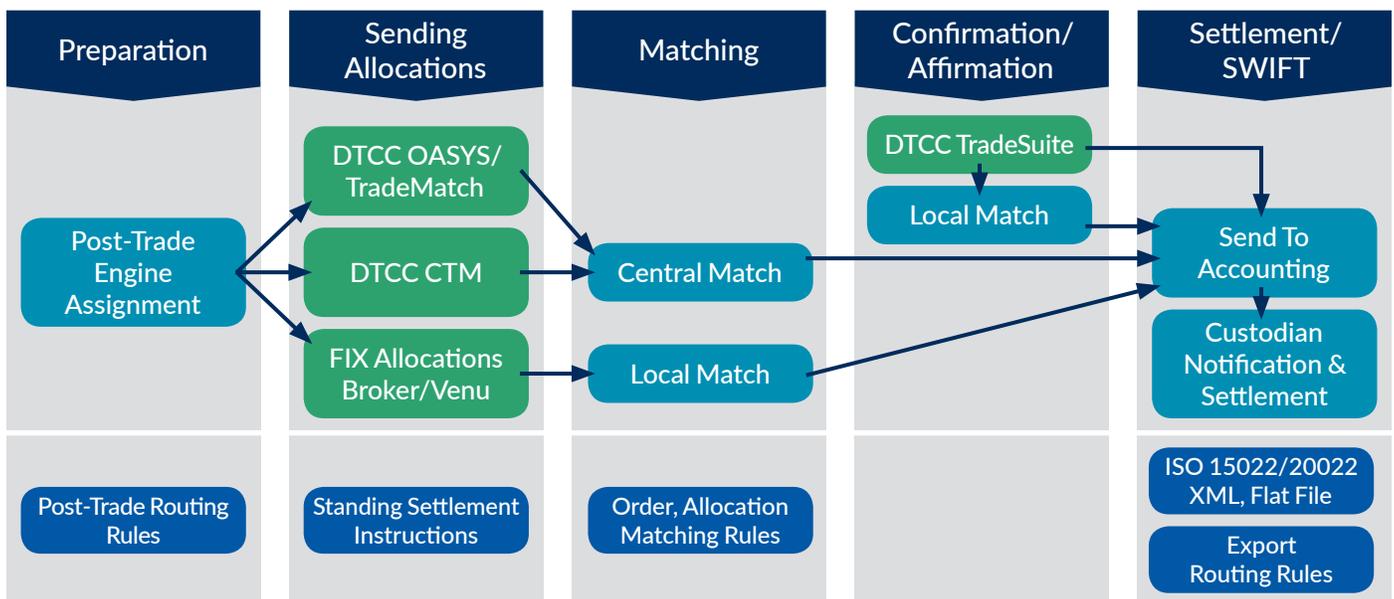


# Post-Trade Processing and Settlement

## Reduce Clearing and Settlement Risk

Charles River Investment Management Solution (IMS) helps firms reduce clearing-related risk by automating the post-trade process and providing centralized confirmation, trade matching and settlement instruction workflows. Dealers and traders, portfolio managers, compliance, and operations personnel have the same real-time view of all post-trade processing activity and data for each transaction. The resulting low-touch settlement process minimizes manual steps and reduces operational bottlenecks.

Post-trade and settlement capabilities in Charles River IMS include end-to-end confirmation, reconciliation, and settlement workflows. Bidirectional message support and connectivity with SWIFT networks expedite routing of individual trades and allocations to help ensure same-day matching and confirmation.



## Key Capabilities and Benefits

**Reduce Failed Trades:** Automated matching and confirmation of blocks and allocations help eliminate error prone manual workflows

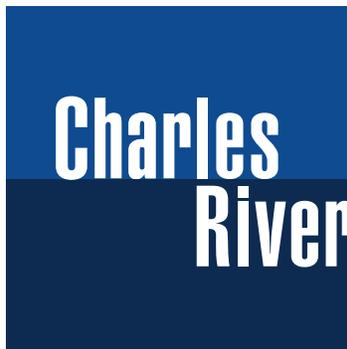
**Automate Trade Confirmation Across Multiple Asset Classes:** Charles River IMS integrates DTCC Central Trade Manager (DTCC CTM) for central matching of cross-border and domestic transactions

**Improve Efficiency with Local Trade Matching:** Standing settlement instructions and configurable, rule-based tolerance matching enable match/affirm with any local destination

**Manage “By Exception”:** Personalized views and alerts save time and speed up corrective intervention

**Satisfy Regulatory Mandates:** OTC clearing workflows and audit trails help ensure adherence to the latest regulations

**Consolidate Post-Execution Operations:** Centralization of all reference data and settlement instructions aims to reduce cost and complexity



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## ABOUT CHARLES RIVER

Investment firms, asset owners, wealth managers, hedge funds and insurers in more than 30 countries rely on Charles River's front and middle office investment management platform to manage more than US\$30 Trillion in assets. Together with State Street's middle and back office capabilities, Charles River's software technology forms the foundation of State Street Alpha<sup>SM</sup>. The Charles River Investment Management Solution (Charles River IMS) is designed to automate and simplify the institutional investment process across asset classes, from portfolio management and risk analytics through trading and post-trade settlement, with integrated compliance and managed data throughout. Charles River's growing partner ecosystem enables clients to seamlessly access external data and analytics, applications and liquidity venues that support the unique demands of their product and asset class mix. Headquartered in Burlington, Massachusetts, we serve clients globally with more than 975 employees in 11 regional offices. (Statistics as of October 2019)

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