

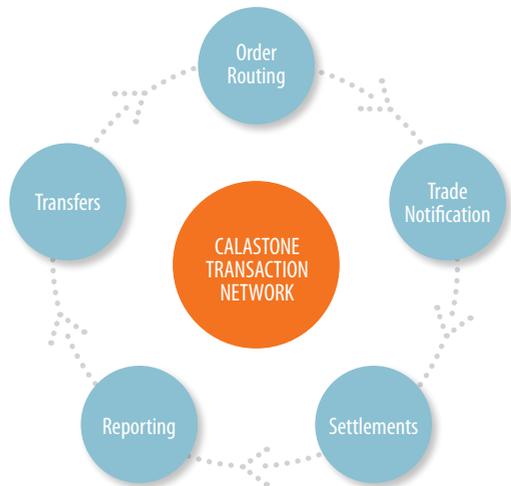
Calastone Transaction Services

Fully interoperable automation of the whole transaction lifecycle

Calastone Transaction Services enables global distribution through connection to the Calastone Transaction Network, providing access to an extensive number of potential trading links worldwide.

As the domestic and cross border investment funds market continues to grow so too does the need for automation and operational efficiency.

With a single connection to Calastone, client organisations are able to seamlessly trade with any part of our global network. Calastone Transaction Services automates the flow of investment fund transactions, from order routing through to the reconciliation and settlement of the order. Our solutions also incorporate post trade services, including the automation of custodian trade notifications and stock transfers.



Global market access through a single connection

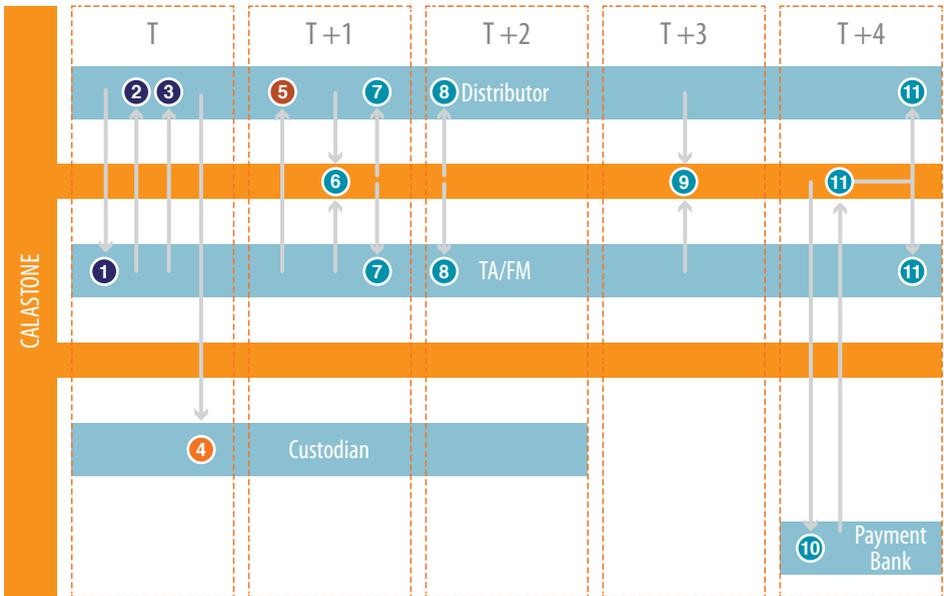
Connecting to Calastone could not be simpler. There are no up-front costs and no development required. We simply collect your transaction data, regardless of message format via your preferred connection type and transform it to meet the needs of each trading counterparty.



By automating the transaction lifecycle, from initial order routing and settlement through to stock transfers and re-registration, clients gain greater efficiency of their operations.

- Interoperable, single connection gives automated access to global markets
- Compliant with over 190 messaging standards
- No upfront costs or development required

The transaction lifecycle



ORDER ROUTING

- 1 Order placed
- 2 Acceptance
- 3 Price confirmation

TRADE NOTIFICATION

- 4 Price notification

REPORTING

- 5 Statement of Holdings/
Statement of Transactions
(daily, weekly, monthly)

SETTLEMENTS

- 6 Settlement Instruction
- 7 Settlement Status Update
- 8 Net Settlement Value
- 9 Agree Net Settlement Value
- 10 Net Settlement Payment
Instruction
- 11 Confirm Payment Made

For illustrative purposes this diagram reflects a four day transaction lifecycle.

By using Calastone Transaction Services, clients are enabling automation of the whole transaction lifecycle. Calastone is there to support clients at every stage in the process, and our 24 x 5.5 support team are always on call.

Our operations team actively manage and monitor our transaction network, ensuring early warning and resolution of processing exceptions. We have strong business continuity plans in place, ensuring the robustness of our network.

The whole process can be viewed and managed through our **Execution Management System (EMS)**, our online platform for monitoring the transactional flow.

Transaction Services comprises of the following core elements:

Calastone Order Routing



Calastone Order Routing automates the transaction flow between trading parties in the mutual funds industry, providing a fully interoperable solution globally.

By connecting to the Calastone Transaction Network, fund distributors are able to seamlessly place and route orders directly to fund managers. Automated transaction and pricing notifications are initiated and distributed as part of our single automated order routing process, thus providing early notification of receipt and price confirmation. Our solution incorporates domestic and cross-border transactions.

Calastone Trade Notification



Calastone Trade Notification automates settlement communications for distribution to domestic and cross-border custodians.

As trades are processed across Calastone's Order Routing service, the price notification is issued as part of each order. Trade Notification captures the price data together with static data, creating the settlement instruction. This instruction is then automatically sent to the custodian. This enables the custodian to then settle with the fund manager.

Trade Notification gives clients full STP by routing trade settlement instructions seamlessly as an integrated part of the order routing process. This negates any need to create additional instructions for the custodian.

Calastone Settlements



Calastone Settlements automates the reconciliation and settlement process of investment funds, enabling trading counterparties to significantly improve liquidity through transaction netting.

As trading volumes grow, fund providers, administrators, distributors and platforms face operational challenges in managing post trade reconciliation. Additional costs are incurred in settlement due to the financial provisions required to cover all settlement payment flows, tying up operating capital and reducing liquidity.

Calastone Settlements is the only commercial settlement system designed specifically for the funds industry, providing the most efficient way of managing settlement through a single account.

Calastone Reporting



Calastone Reporting provides domestic and cross-border reporting services incorporating Statement of Holdings and Statement of Transactions.

Transfer agents and fund managers send data using numerous formats and connectivity methods. This can be expensive and time consuming for distributors to consume. Calastone takes these formats and seamlessly converts them into a single file. Distributors can easily assess their holdings by either consuming this file electronically, integrated with their back office systems, or downloading from our Execution Management System (EMS) front end.

With the additional complexities of a global market the need for a single style of report becomes even greater. This 'golden format' can then be used by distributors to quickly and efficiently reconcile their holdings.

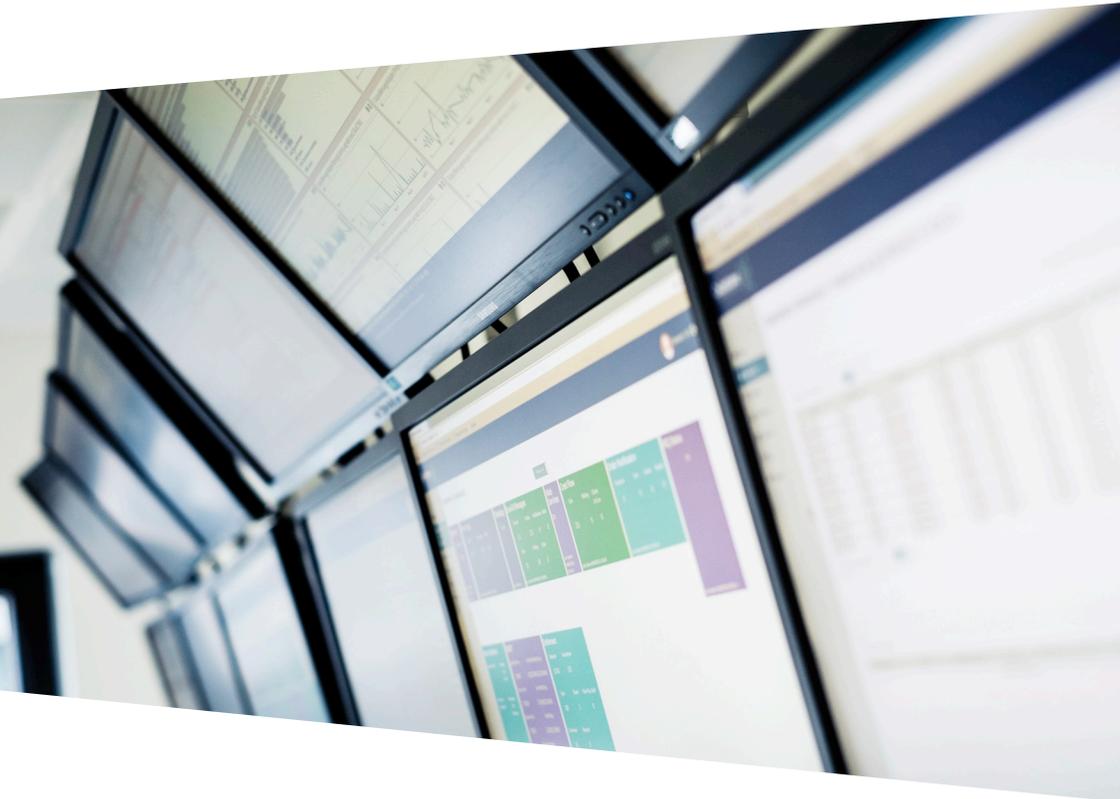
Calastone Transfers



Calastone Transfers automates the process of moving assets from one nominee to another. It provides full straight through processing for asset transfers, and gives all parties the ability to communicate in any format they prefer.

Transfers is made up of two core products. For retail in-specie transfers, we have our own market-compliant, interoperable and automated Re-registration solution that has been aligned to the market standards and TEX contract club.

Our Stock Transfers solution is designed for non-retail clients who do not use the re-registration process designed for the retail customer, and are simply looking to automate stock transfers.



To learn more about Calastone Transaction Services and how it can benefit your organisation please contact marketing@calastone.com

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