# DTCC

# CTM®

## CTM IS A CENTRAL MATCHING PLATFORM USED TO ALLOCATE AND CENTRALLY MATCH TRANSACTIONS GLOBALLY ACROSS MULTIPLE ASSET CLASSES.

### OVERVIEW

Industry experts agree that central matching is the most efficient way to streamline trade flows and achieve higher levels of automation. It allows you to accelerate the critical steps of the post-trade process, enhancing your ability to achieve trade date confirmation. In fact, trade date confirmation has a significant positive impact on cost and risk - unconfirmed trades are more likely to fail than confirmed trades.

### END-TO-END AUTOMATION VIA A SINGLE PLATFORM

CTM provides seamless connectivity from trade execution to settlement, including direct connectivity via FIX from front office to middle office trade processing as well as via the SWIFT network to a full community of custodian banks for the purposes of settlement notification. When used in conjunction with ALERT®, a global database supporting the input, maintenance, and retrieval of account information, you can automatically enrich trades with SSIs, ensuring all account information is accurate.

### BENEFITS

- High transparency and consistency for your post-trade processes.
- Connecting to the CTM platform means connecting to over 2000 counterparties in 52 countries.
- Support of multiple asset classes on one platform, such as equities, fixed Income, money markets and equity options.
- Incorporation of industry best practices, such as SMPG, AFME, ISITC and user community best practices.
- Improved regulatory compliance and risk management.
- Links to HKEX Synapse and to depositories in Korea (KSD) and the US (DTC)

### WHO CAN USE THE SERVICE

CTM is mainly used by a broker-dealers and institutions. Institutions use CTM to instruct trades and broker-dealers use it to confirm trades. CTM helps these parties to efficiently match and confirm trade details, to increase transparency, and to mitigate risk. It also allows trading parties to send settlement notifications or copies of information to custodians and other third parties to achieve straight-through processing.

### AVAILABLE WORKFLOWS AND ADD-ONS:

- ALERT Key Auto Select (AKAS): Used in conjunction with ALERT, AKAS allows for the enrichment of CTM trades with preferred SSIs for brokers and institutions without requiring ALERT key field population on inbound transactions to CTM.
- Archival Services: Confirm Archive and Trade Archive provide clients with options to maintain trade records in a centralized place.
- CTM for Prime Brokers: Tri-party matching capabilities for prime brokers where they can receive real time notifications in an automated and standardized format, giving them greater matching and reject functionality.
- ITP Data Analytics: A trusted, agnostic, golden source of information tailored to help you analyze and compare your operational performance.
- Match to Instruct (M2i): A workflow that uses CTM, ALERT, and TradeSuite ID® together to establish a connection between CTM and TradeSuite ID, which can facilitate and automate trade processing.
- Settlement Instruction Manager (SIM): SIM allows for the automatic creation and transmission of settlement messages in industry standard formats.

**Financial Markets. Forward.™**

## SIMPLIFIED EXCEPTION PROCESSING

The browser based user interface (UI) enables you to instantly modify and repair trade exceptions to facilitate matching. Amend, reject, and cancel trades, view trade statuses, submit queries, and amend and cancel settlement notifications, all through a secure internet connection.

## HOW THE SERVICE WORKS

With the CTM workflow, matching happens on both blocks and allocations. A block level workflow allows institutions and broker-dealers to tie trades back upstream providing better parity between front and back-office systems. Institutions can submit a block and then submit allocations against the block. Broker-dealers submit a block and corresponding allocations. For matched trades, the CTM platform will send status updates to both counter-parties. Security cross-referencing occurs simultaneously, which can be further augmented by ALERT SSI enrichment. Next, the blocks are centrally matched and settlement notifications can be sent to global custodians, third party recipients, and the CSD. If no match is found for a trade, an exception occurs. Trade parties are automatically updated on changes in the trade status and given the opportunity to manage the exception prior to settlement, saving valuable time and helping to reduce costs.
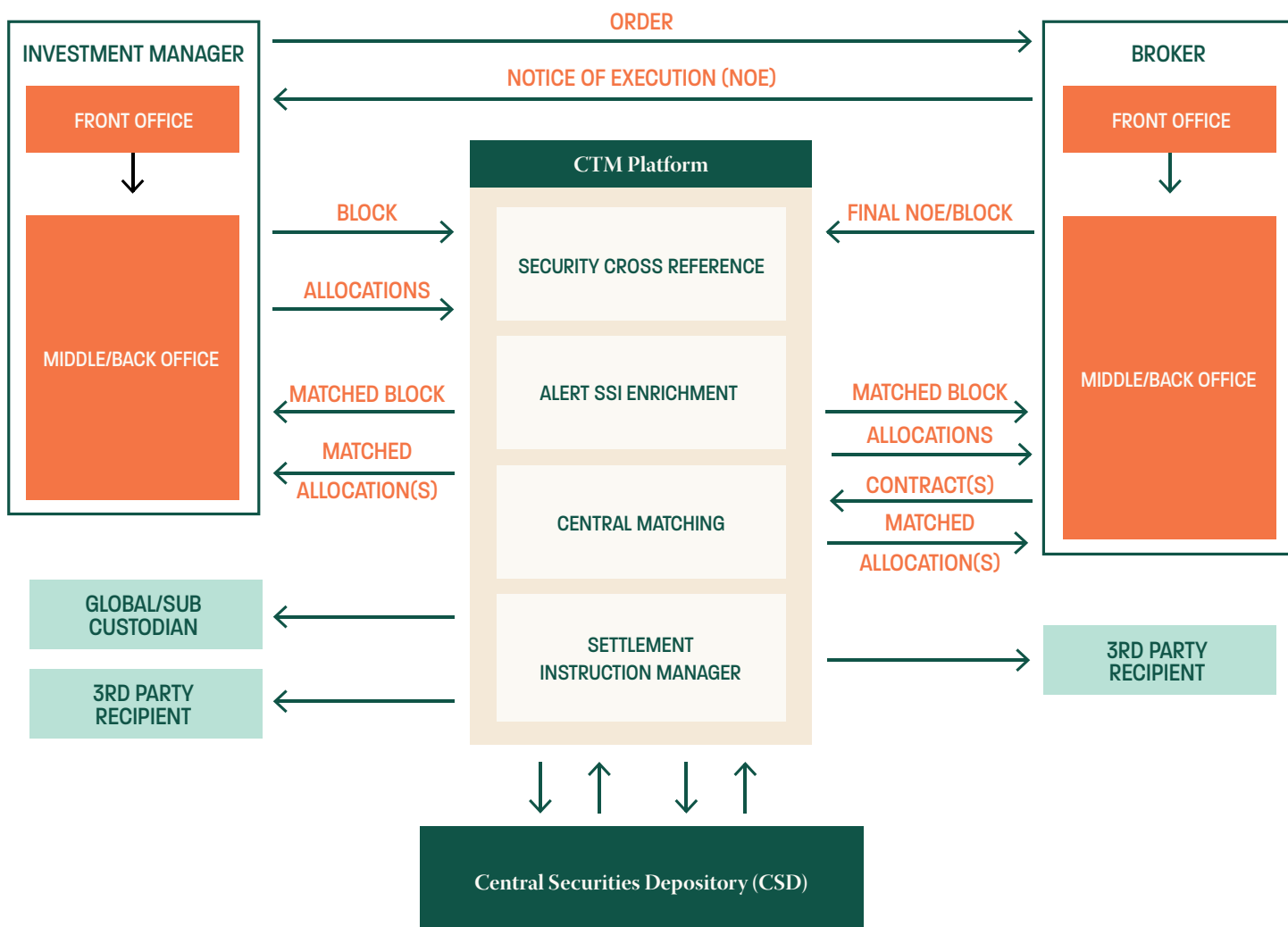
## FLEXIBLE IMPLEMENTATION AND CONNECTIVITY OPTIONS

Current implementation options can reduce the overall project lifecycle of implementing CTM to just weeks. Flexible and cost-effective connectivity methods allow you to easily integrate the CTM solution into your existing trade processing environment leveraging your existing infrastructure.

| INTERFACE OPTION | MESSAGE FORMAT | QUERY OR EVENT-BASED | INTERFACE CONNECTIVITY METHOD | NETWORK CONNECTIVITY METHOD |
|---|---|---|---|---|
| Event-Based Push | XML | Event-Based | HTTPS<br>IBM Websphere MQ | Internet or Leased Line<br>Leased Line |
| Direct | XML | Query-Based | Java API<br>.Net API | Internet or Leased Line<br>Internet or Leased Line |
| Message Translation Interface (MTI) | CSV | Event-Based | CSSS<br>Secure FTP (IM only) | Internet or Leased Line<br>Internet |
| FIX | FIX | Event-Based | FIX | Leased Line |
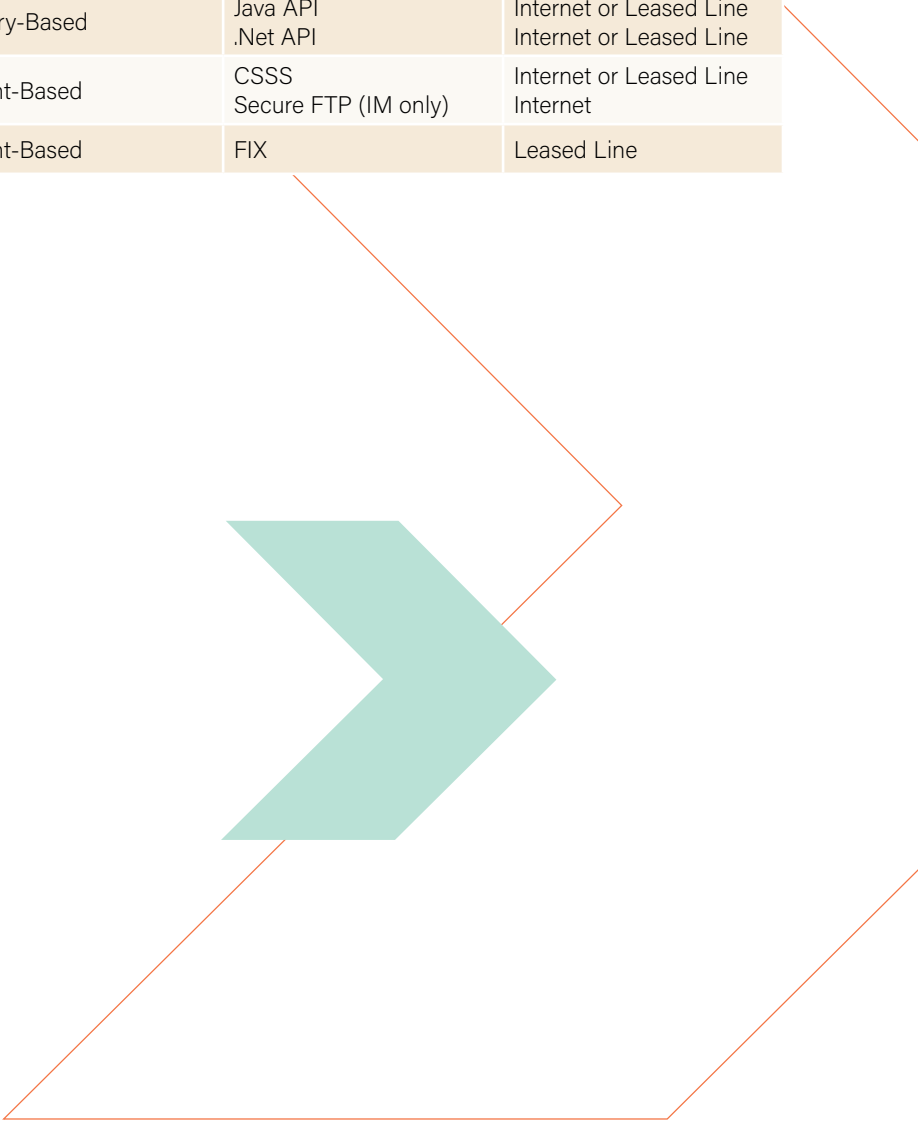
## FOR MORE INFORMATION

**Please contact us here or visit us at www.dtcc.com/ctm**