

# WHAT IS THE ISDA CDM?

*The ISDA Common Domain Model (ISDA CDM™) is a blueprint for how derivatives are traded and managed across the trade lifecycle. Having a single, common digital representation of derivatives trade events and actions will enhance consistency and facilitate interoperability across firms and platforms, providing a bedrock upon which new technologies can be applied.*

## WHY THE ISDA CDM?

### Catalyst

- Over time, each firm has established its own systems and its own unique set of representations for events and processes that occur during the life of a derivatives trade.
- There is no commercial advantage to organizations maintaining their own representations. It results in firms having to continually reconcile their trades to make sure they have the same information – a big drain on resources. It also curtails the potential for greater automation, and results in increased operational risk.
- New technologies offer the potential for greater automation and efficiency, reducing complexity and costs. But effective automation can only be built on standardization.

### Opportunity

- Derivatives market participants are looking at ways to reduce costs and improve the efficiency of back-office processes.
- An opportunity exists to create standards that support innovation and promote the adoption of new technologies.
- ISDA has a 30-year track record in developing industry standards.

## BENEFITS OF THE ISDA CDM

- **Towards a shared golden source of trade data:** The ISDA CDM enables a consistent hierarchical representation across trades, portfolios and events, providing enhanced risk management and trade processing capabilities.
- **Creating an environment for innovation in financial markets:** The ISDA CDM creates a foundation for long-term process transformation using emerging technologies like cloud, distributed ledger and artificial intelligence. The ISDA CDM is available in machine-readable and machine-executable formats and languages that can be consumed by those technologies.
- **Delivering better regulatory oversight:** The ISDA CDM promotes transparency and alignment between regulators and market participants, ensuring regulatory goals can be met more efficiently.

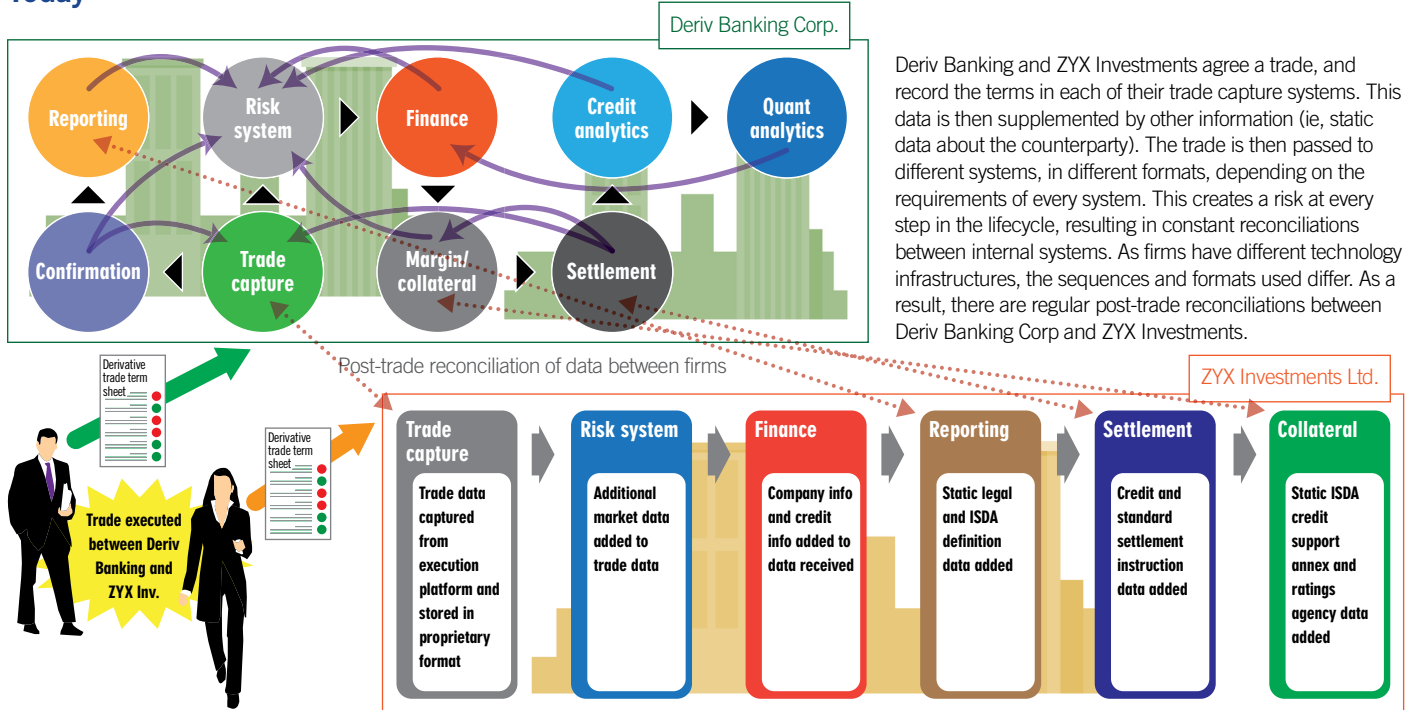
*“CME Group supports ISDA’s Common Domain Model, as we believe standards like this will be the key enabler to develop next-generation, post-trade derivatives infrastructure in our industry. Today, clients experience inefficiencies ranging from delays in reconciliation of critical data across multiple parties, repeated instances of the same record within and across market participants, and a continual need to fix breaks in reconciliation using manual processes. Greater standardization of data and processing will help exchanges, clearing houses, clients and the market as a whole to process data more effectively.”*

Sunil Cutinho, President, CME Clearing

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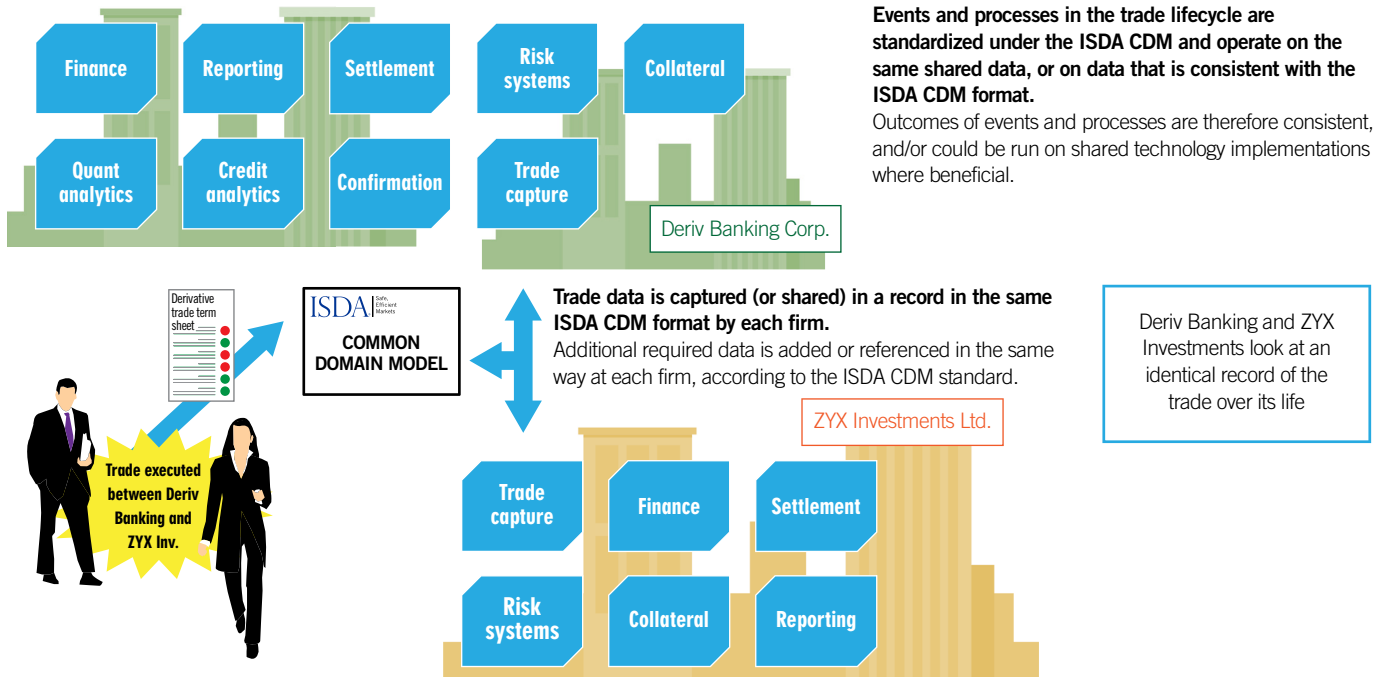
## ISDA CDM – THE POTENTIAL TRANSFORMATION

Today



Deriv Banking and ZYX Investments agree a trade, and record the terms in each of their trade capture systems. This data is then supplemented by other information (ie, static data about the counterparty). The trade is then passed to different systems, in different formats, depending on the requirements of every system. This creates a risk at every step in the lifecycle, resulting in constant reconciliations between internal systems. As firms have different technology infrastructures, the sequences and formats used differ. As a result, there are regular post-trade reconciliations between Deriv Banking Corp and ZYX Investments.

## THE FUTURE WITH THE ISDA CDM



Events and processes in the trade lifecycle are standardized under the ISDA CDM and operate on the same shared data, or on data that is consistent with the ISDA CDM format.

Outcomes of events and processes are therefore consistent, and/or could be run on shared technology implementations where beneficial.

Want more information?

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