



COMMON DOMAIN MODEL FOR REPO AND BONDS

Initial conclusions

CDM for Repo and
Bonds Showcase

21 July 2021

A successful industry collaboration

MINIMUM VIABLE PRODUCT OUTCOME

- **Engagement** from ICMA CDM Steering Committee to extend the existing model
- **Extension** of the CDM to support Repo and Bond Products and Transactions
- **Enhancement** of existing CDM functions to support Repo Clearing and Settlement

END TO END DEMONSTRATION

- **Implement a use case** through a front to back trade lifecycle event example
- **Demonstrate ease of adoption** by leveraging Rosetta API to demonstrate the lifecycle of a Repo transaction through the following business events:
 - Execution (FIX message)
 - Repo Clearing
 - Initial and Repurchase Settlement

A model to drive processes and solutions inter-operability

WHAT IS CDM

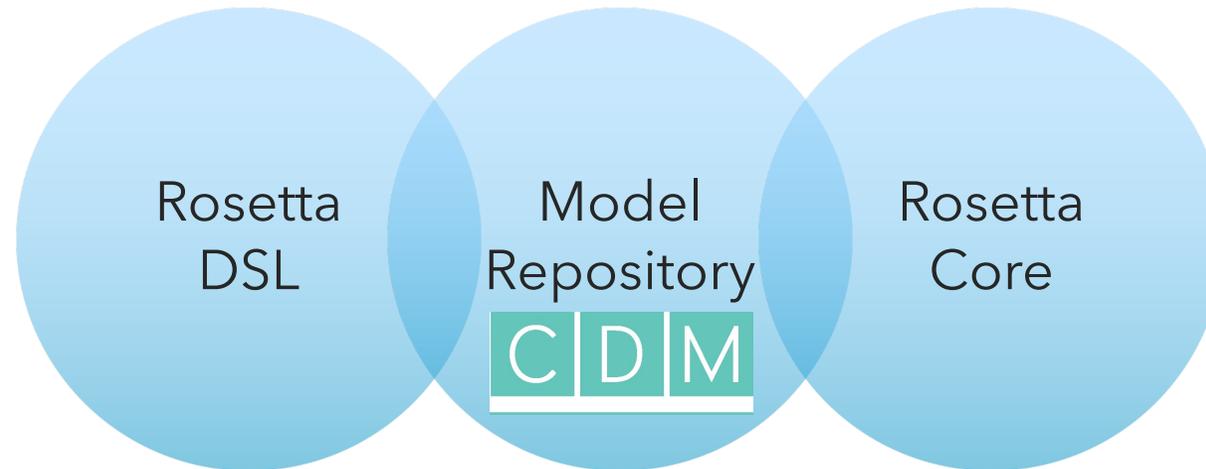
REGnosys



An integrated model development platform

TOOLING
REGnosys

ROSETTA



A comprehensive proof of concept

Model product features

Model a repo transaction

Model a bond transaction

Model the initial settlement function

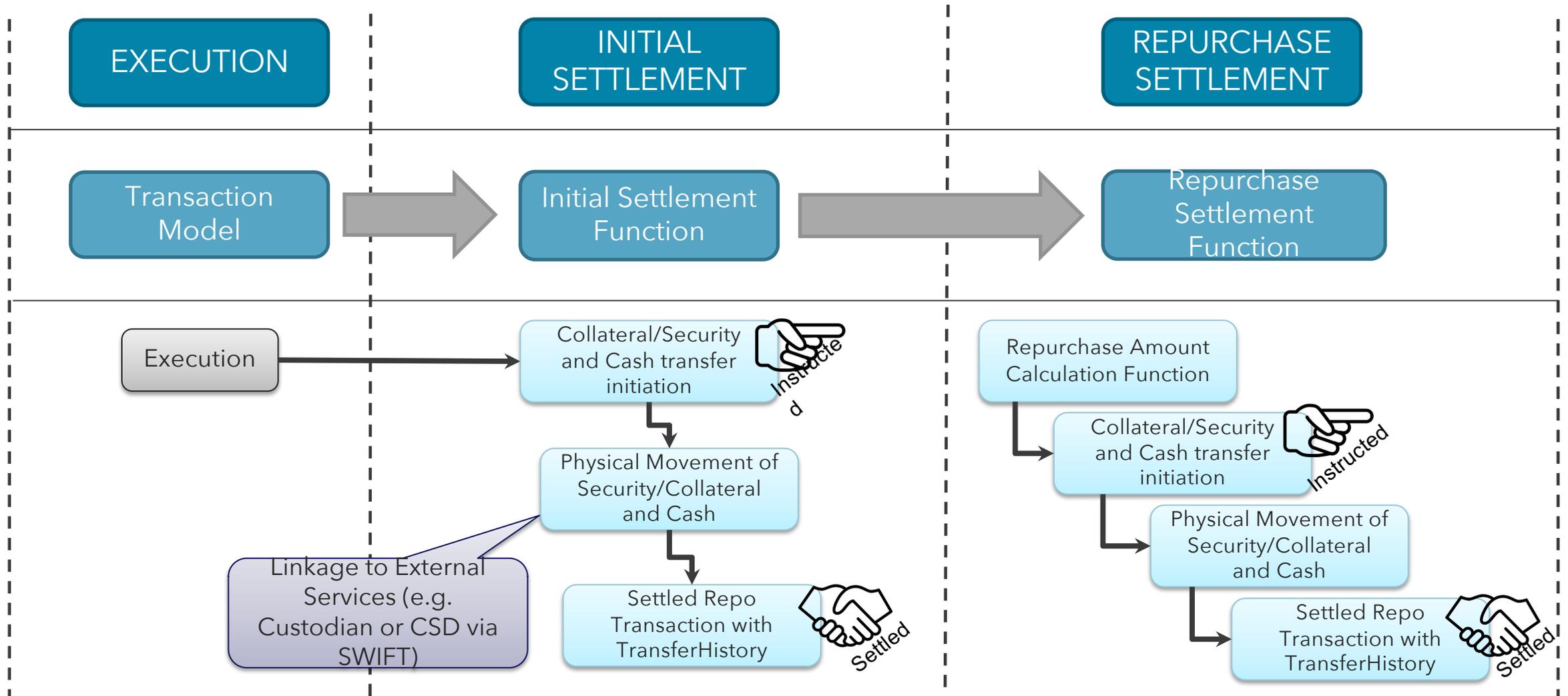
Model the repo clearing functions

Model the repurchase function

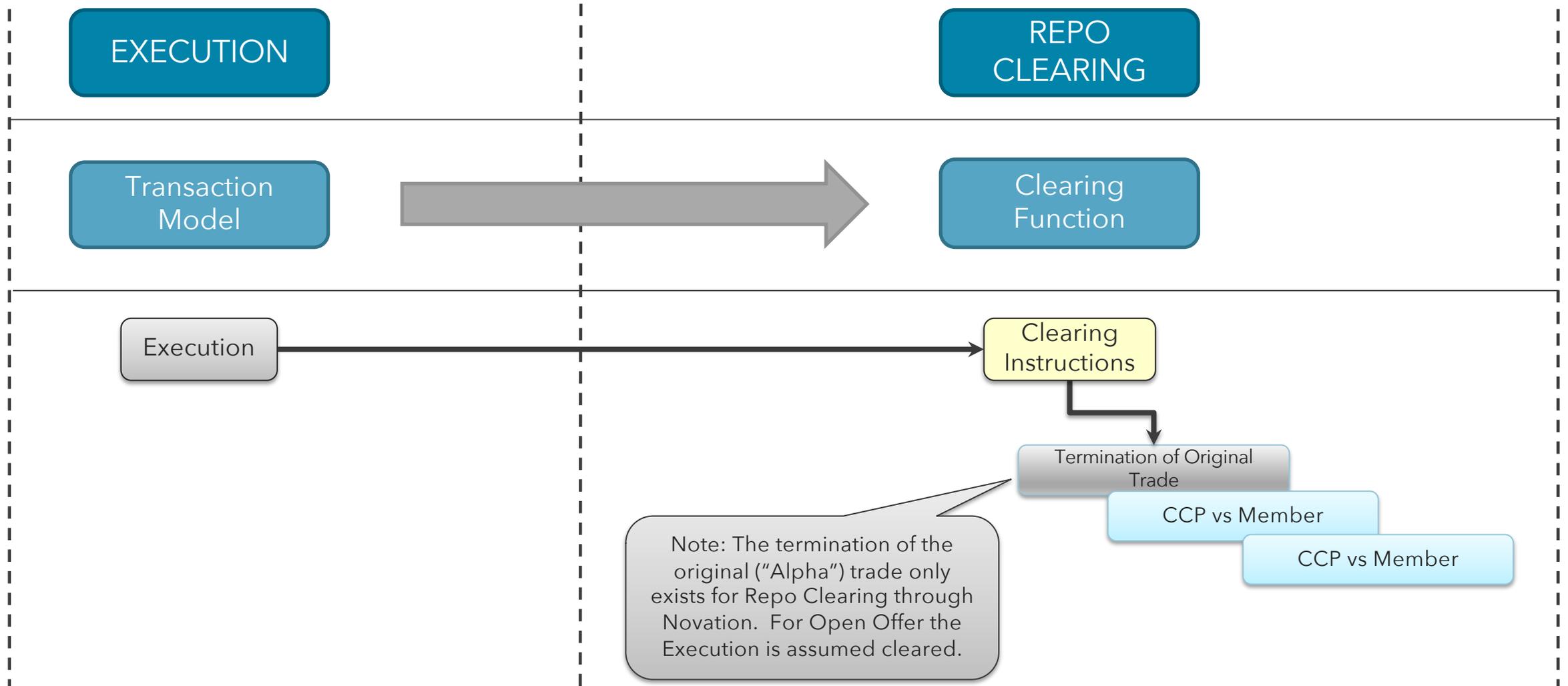
Demonstrate performance using sample data

Implement and test applications of the model

A conceptual model of an end-to-end process - Repo settlement



A conceptual model of an end-to-end process - Repo Clearing



MINIMUM VIABLE PRODUCT

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Conclusion

In less than four months since ICMA began development work on the CDM for Repo and Bonds there is now a model in which:

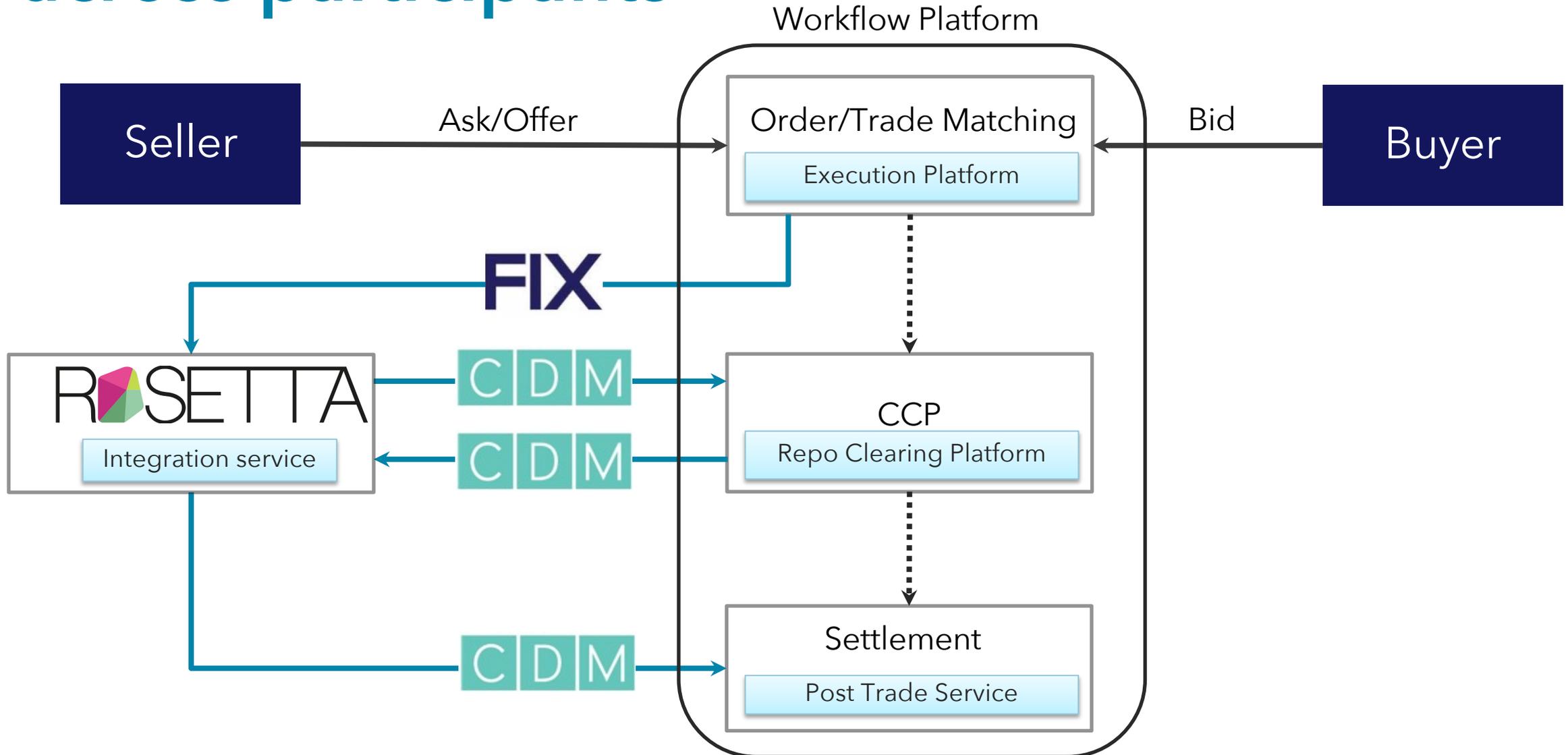
A repurchase agreement can be

- Defined transactionally;
- Executed, and settled;
- Cleared via novation, or open offer
- Repurchased in full;

A bond execution can be

- Defined transactionally

Inter-operability across participants



The platform in action

DEMO
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