



Project FuSSE

**Modernizing FMIs
to meet the demands
of the digital age**

Current FMIs struggle to meet the demands of the digital economy in terms of transactional volume, participant density and asset diversity.

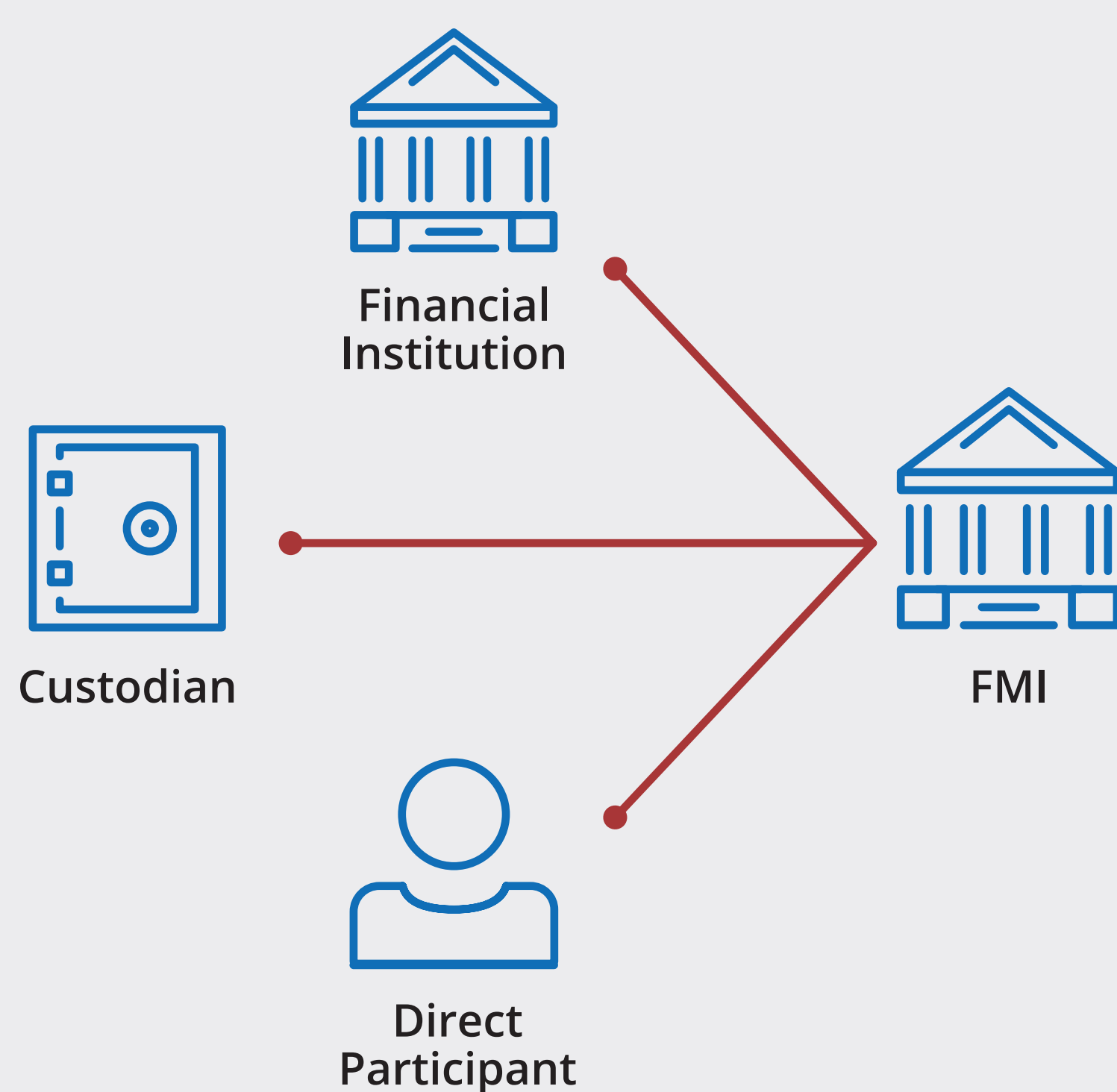
FuSSE aims to deliver a highly scalable settlement engine to modernize current FMIs to meet the new demands.

Motivation

Architecture

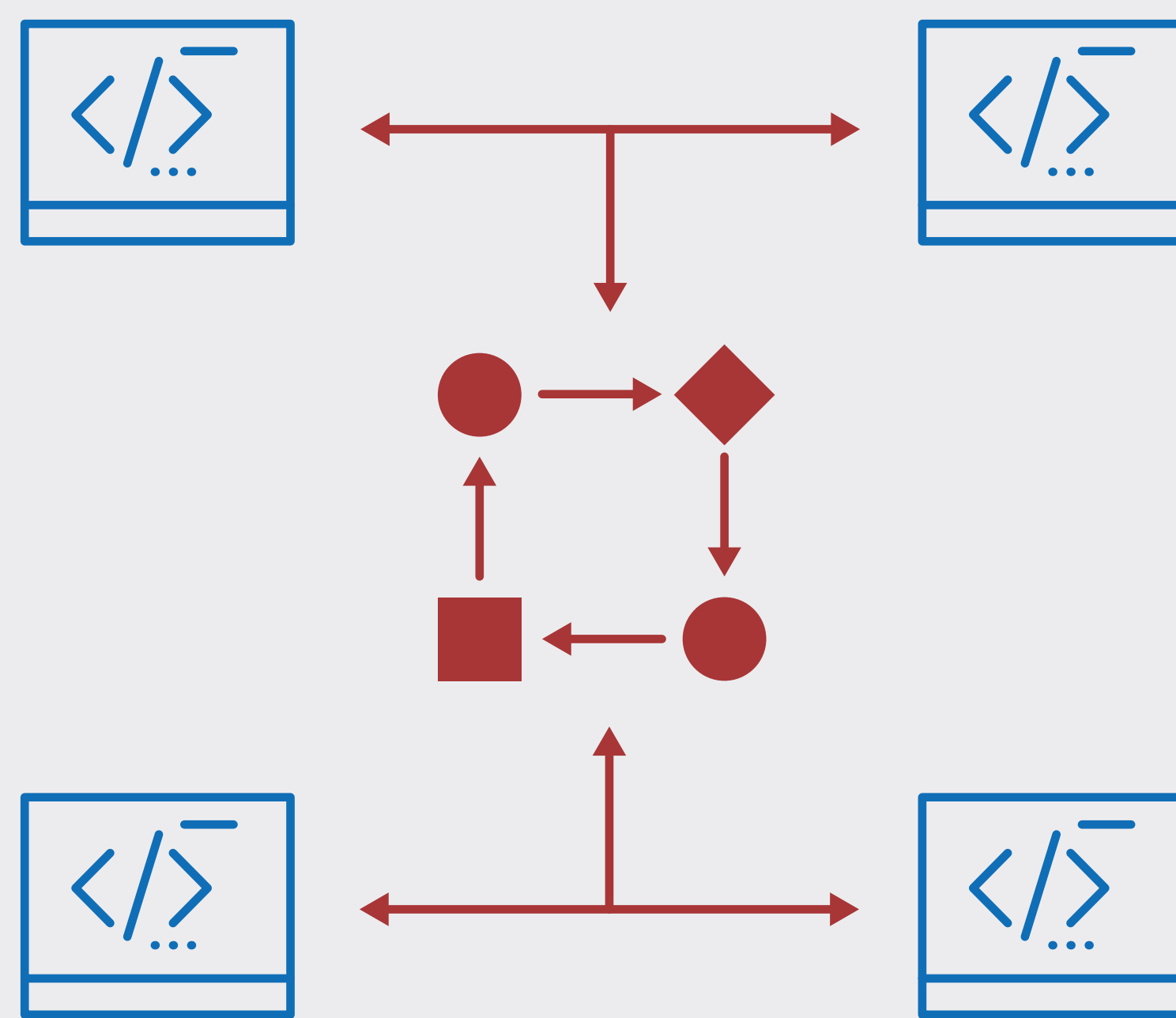
Interfacing

Interfacing with financial institutions, custodians, and direct participants.



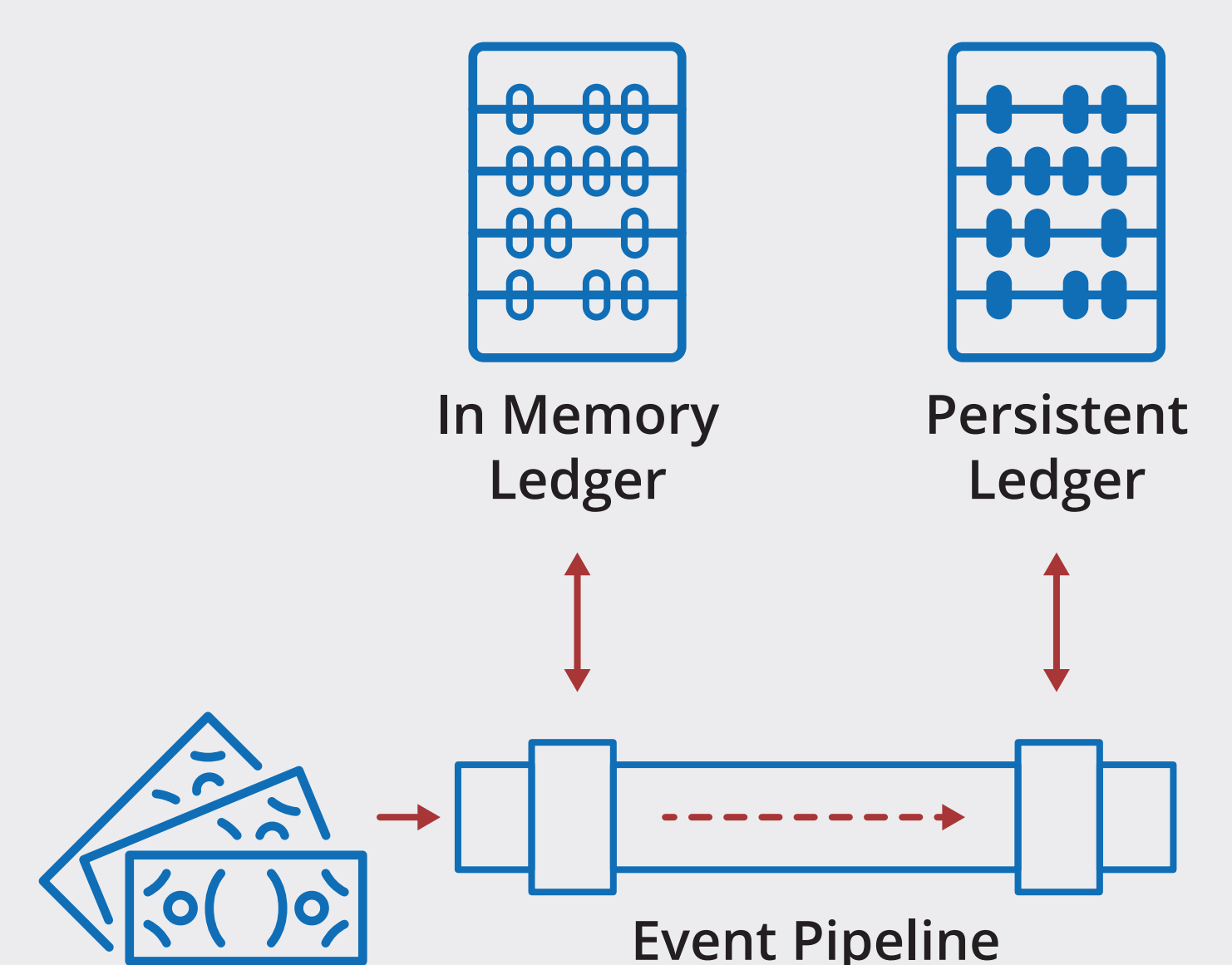
Processing

Transactions processed by a highly customisable service choreography.



Record keeping

Transactions are ultimately recorded in a high speed, two tier, multi-asset ledger.



Key elements

Scales to meet demand



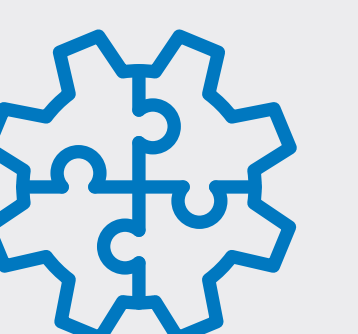
Deployable on commodity hardware, it scales efficiently to accommodate demand.

Future-proof security



Confidentiality and integrity are protected by quantum safe cryptography.

Modular design



Easily integrated into FMIs as a building block, subcomponents are independently deployable.

