Introduction

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The Foreign Exchange Domain provides the initial domain profile for the Financial Systems Archetype. Foreign Exchange systems exchange structured information about transactions, currency pairs, counterparties, lifecycle states, validation results, semantic interpretations, contractual obligations, projected cash flows, release decisions, audit records, provenance records, and oversight views.

Part 1: Conceptual Architecture defines the conceptual foundation for the Financial Systems Archetype. Part 2: Distributed Node-Based Logical Architecture defines a distributed, node-based Logical Architecture / PIM. This part builds outward from those foundations by specialising the Part 2 logical architecture for the FX Demo.

The FX Demo Logical Profile identifies the FX-specific logical Nodes, logical Node Roles, logical Communication Endpoints, logical information structures, logical Runtime Planes, logical interaction patterns, logical governance relationships, and logical traceability relationships needed to demonstrate the distributed, node-based architecture in the Foreign Exchange Domain.

This part remains platform-independent. It defines FX logical structures and relationships, with later parts selecting implementation technologies, data serialisation formats, communication mechanisms, programming languages, deployment topologies, runtime packaging, test mechanisms, and evidence-capture mechanisms.

The FX Demo Logical Profile supports later implementation and deployment work by identifying the logical responsibilities and information flows that Part 4: Phase 0 Implementation Profile / PSM map to implementation artefacts and Part 5: Phase 0 Developer Handbook to deploy, test, observe, and evidence.

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Last update: **2026/06/30 17:57**