

2. Purpose of the Document Set

The purpose of the Financial Systems Archetype document set is to provide a structured, reusable architecture for financial systems that follow the SDIS/SIP-RA discipline. The Financial Systems Archetype also aligns with financial-domain interpretation guidance developed in FDIS-RA and preserves source material from the original FX Demo Reference Architecture. SIP-RA provides the parent with a structured information-processing discipline. FDIS-RA provides financial-domain precedent for governed interpretation, semantic traceability, validation, comparability, auditability, and evidence. The original FX Demo Reference Architecture provides source material that this document set normalises across conceptual, logical, implementation, deployment, and evidence layers. The document set supports the following objectives:

a. Define the concepts of a stable financial system before selecting technologies. b. Preserve separation between conceptual meaning, logical structure, implementation mapping, deployment mechanics, and evidence. c. Support traceability from high-level concepts to deployed artefacts and observed evidence. d. Provide a reusable foundation for financial domains such as Foreign Exchange, Commercial Paper, regulatory reporting, and other future financial-system profiles. e. Allow implementation profiles to vary without redefining the conceptual or logical architecture. f. Allow deployment profiles to vary across local, cloud, Kubernetes, air-gapped, or other environments without redefining the architecture. g. Support evidence-based review, testing, and assurance.

The document set prevents implementation choices from becoming the architecture. Later parts may discuss technologies such as DDS, IDL, Python, Kubernetes, Docker, RTI Connex DDS, and Crucible, but those technologies do not define the conceptual foundation.

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