

17.9 FX Logical Interaction Requirements

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This section identifies the normative requirements established for FX Logical Interaction Patterns within the FX Demo Logical Profile. The canonical requirement statements are maintained in [Annex D: Requirements, Part 3, Section 17.9](#).

Table 17-8: FX logical interaction requirements.

Requirement ID	Statement
P3-REQ-17-9-001	The FX Demo Logical Profile SHALL define logical interaction patterns for FX.
P3-REQ-17-9-002	The FX Demo Logical Profile SHALL define the following FX logical interaction patterns: • Register FX Logical Node • Report FX Node Status • Intake FX Transaction Candidate • Validate FX Transaction Candidate • Interpret FX Transaction Semantics • Establish or Update FX Contract State • Compute FX Cash-Flow Obligations • Request FX Policy Decision • Release FX Information to Oversight Participant • Record FX Audit and Provenance • Replay or Reconstruct FX Information
P3-REQ-17-9-003	Each FX logical interaction pattern SHALL identify participating FX logical Nodes or Node Roles.
P3-REQ-17-9-004	Each FX logical interaction pattern SHALL identify the FX logical Communication Endpoints involved.
P3-REQ-17-9-005	Each FX logical interaction pattern SHALL identify the FX logical information structures exchanged, recorded, or referenced.
P3-REQ-17-9-006	Each FX logical interaction pattern SHALL identify the FX Runtime Plane or FX Runtime Planes involved.
P3-REQ-17-9-007	Each FX logical interaction pattern SHALL identify governance constraints.
P3-REQ-17-9-008	Each FX logical interaction pattern SHALL identify traceability expectations.
P3-REQ-17-9-009	Each FX logical interaction pattern SHALL identify evidence expectations for later deployment, testability, and evidence planning.

Requirement ID	Statement
P3-REQ-17-9-010	FX logical interaction patterns SHALL remain independent of DDS, REST, RPC, Protocol Buffers, message queues, event streams, file exchange, shared services, databases, logs, deployment mechanisms, runtime scripts, and evidence-capture tools.

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