

17.6 FX Logical Information Requirements

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This section identifies the normative requirements established for FX logical information structures within the FX Demo Logical Profile. The canonical requirement statements are maintained in [Annex D: Requirements, Part 3, Section 17.6](#).

Table 17-5: FX logical information structure requirements.

Requirement ID	Statement
P3-REQ-17-6-001	The FX Demo Logical Profile SHALL define the logical information structures for FX.
P3-REQ-17-6-002	The FX Demo Logical Profile SHALL define the following FX logical information structures: • FX Transaction Candidate • FX Transaction Record • FX Validation Result • FX Semantic Assertion • FX Contract State • FX Cash-Flow Obligation • FX Policy Decision • FX Release Package • FX Audit Record • FX Provenance Record • FX Node Status • FX Control Command • FX Command Acknowledgement • FX Replay Request • FX Replay Result
P3-REQ-17-6-003	Each FX logical information structure SHALL specialise one or more Part 2 logical information concepts.
P3-REQ-17-6-004	Each FX logical information structure SHALL preserve traceability to Data Structure Definition, Data Structure Instance, Evidence, Traceability, or other applicable Part 1 concepts.

Requirement ID	Statement
P3-REQ-17-6-005	Each FX logical information structure SHALL identify its logical purpose, primary Runtime Plane, producing Node or Node Role, consuming Node or Node Role, governance constraints, traceability relationships, and evidence expectations.
P3-REQ-17-6-006	The FX Demo Logical Profile SHALL distinguish FX logical information structures from IDL structures, Protocol Buffers messages, JSON Schema definitions, XML Schema definitions, Avro schemas, OpenAPI schemas, ontology classes, database tables, generated language types, files, wire formats, runtime payloads, and implementation records.

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