

P3-REQ-17-10-005

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Statement

FX Logical Compatibility SHALL identify whether FX logical elements work together without loss of meaning, structure, traceability, governance, or evidence expectations.

Source

Part 3, Section 17.10: FX Logical Governance Requirements.

Rationale

Logical compatibility determines whether independently defined architectural elements can operate together while preserving their intended meaning and governance characteristics. Identifying compatibility at the logical level ensures that interoperability, traceability, governance, and evidence expectations are maintained without dependence on implementation technologies or runtime environments.

Maintaining compatibility as an architectural concern enables multiple Implementation Profiles to realize equivalent behaviour while preserving the integrity of the logical architecture.

Applies To

This requirement applies to all logical elements governed by the FX Demo Logical Profile.

It applies specifically to:

- logical compatibility;
- interoperability;
- architectural governance;
- conformance assessment; and
- derived Implementation Profiles.

Verification

Verification SHALL confirm that logical compatibility identifies whether FX logical elements operate together without loss of architectural meaning.

Verification activities should include review checks confirming that:

- compatibility expectations are identified;
- architectural meaning is preserved;
- traceability, governance, and evidence expectations remain intact; and
- implementation-specific compatibility mechanisms are not prescribed.

Traceability

This requirement establishes compatibility assessment within the FX Logical Governance Model.

Related requirement identifiers:

- [P3-REQ-17-10-004](#)
- [P3-REQ-17-10-006](#)
- [P3-REQ-17-10-009](#)

Related source section:

- [17.10 FX Logical Governance Requirements](#)

Status

Draft

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Last update: **2026/07/21 16:04**

