

P1-REQ-13-6-001

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Statement

The Conceptual Architecture SHALL distinguish [Data](#), [Structure](#), [Semantics](#), [Interpretation](#), [Governance and Authority](#), [Traceability](#), and [Evidence](#) as structured-information processing concerns.

Source

Part 1, Section 13.6: Separation of Concerns Requirements.

Rationale

Structured-information processing depends on a clear distinction among data, structure, semantics, interpretation, governance and authority, traceability, and evidence. Each concern serves a different architectural purpose and requires separate treatment during conceptual modeling, logical refinement, implementation mapping, deployment, and verification.

This requirement prevents the architecture from collapsing meaning, authority, evidence, and technical structure into undifferentiated information-processing material.

Applies To

This requirement applies to structured-information processing concepts within the Conceptual Architecture.

It applies specifically to:

- Data
- Structure
- Semantics
- Interpretation
- Governance and Authority
- Traceability
- Evidence

Verification

Verification SHALL confirm that the Conceptual Architecture distinguishes the identified structured-information processing concerns.

Verification activities include review checks confirming that:

- Each concern has a distinct architectural role
- The concerns remain separate in conceptual text and diagrams
- Later logical and implementation material references these concerns without redefining them
- Evidence and Traceability support claims and relationships without replacing architectural meaning

Traceability

Related source section:

- [13.6 Separation of Concerns Requirements](#)

Related requirement identifiers:

- [P1-REQ-13-6-002](#)
- [P1-REQ-13-6-003](#)
- [P1-REQ-13-6-004](#)
- [P1-REQ-13-6-005](#)
- [P1-REQ-13-6-006](#)

Status

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