

P4-REQ-21-3-010

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Statement

A later implementation profile MAY extend, refine, supersede, or replace one or more Phase 0 technology selections.

Source

Part 4, Section 21.3: Technology Selection Requirements.

Rationale

Phase 0 technology selections establish a controlled implementation baseline for the current development phase rather than permanent technology mandates for all later phases.

Allowing later profiles to change technology selections supports implementation evolution while preserving the architectural separation between logical meaning and technical realisation.

Applies To

This requirement applies to:

- later implementation profiles;
- communication technology selections;
- data definition mechanisms;
- implementation languages;
- generation mechanisms;
- communication behaviour controls; and
- supporting implementation technologies.

Verification

Verification SHALL confirm that later implementation profiles may change Phase 0 technology selections through controlled profile evolution.

Verification activities should include review checks confirming that:

- Phase 0 technology selections are identified as phase-specific;

- later technology changes are governed by the applicable implementation profile;
- changed technology selections preserve required architectural traceability; and
- superseded technologies are not treated as permanent architectural requirements.

Traceability

This requirement establishes controlled technology evolution between the Phase 0 Implementation Profile / PSM and later implementation profiles.

Related requirement identifiers:

- [P4-REQ-21-3-001](#)
- [P4-REQ-21-3-009](#)
- [P4-REQ-21-2-008](#)

Related source section:

- [21.3 Technology Selection Requirements](#)

Status

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