

14.6 Implementation Mapping Boundaries

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Implementation mappings connect logical elements to implementation artifacts. They do not change the logical elements that they realize.

An Implementation Profile / PSM identifies:

- The logical element that the implementation artifact realizes
- The selected implementation artifact
- The mapping rationale
- The communication, data representation, execution, or packaging mechanism involved
- [Compatibility](#) expectations
- Governance constraints
- The [Traceability](#) relationship to the logical model
- [Evidence](#) expectations that later deployment and testability plans satisfy

Implementation mappings remain bounded by the Logical Architecture / PIM. A technology selection does not create a new [Logical Node](#), [Logical Communication Endpoint](#), Logical Runtime Plane, or [Logical Data Structure Definition](#) unless the implementation profile explicitly identifies a required logical change and traces that change back to the appropriate logical and conceptual source.

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