

# SIP-001 — Platform-Independent Reference Architecture

[Go to Annex C: Requirements](#)

## Statement

The proposed [Reference Architecture](#) SHALL be platform independent.

## Rationale

Platform independence allows the Reference Architecture to define architectural concepts, responsibilities, relationships, and interactions without requiring a particular operating system, runtime environment, middleware product, programming language, data-storage technology, deployment environment, or vendor implementation.

This separation permits the same Reference Architecture to support multiple platform-specific realizations. It also promotes portability, interoperability, reuse, technology evolution, and competition among conforming implementations.

## Evaluation Criteria

The Submission satisfies this requirement when:

1. The Reference Architecture is specified without requiring a particular implementation platform or product
2. Its architectural elements, roles, relationships, and interactions are expressed independently of platform-specific technologies
3. Platform-specific examples or mappings are clearly distinguished from the platform-independent architecture
4. The architecture permits realization on more than one implementation platform
5. Conformance to the Reference Architecture can be evaluated without requiring a particular vendor technology

## Referenced By

- [5.1.9 Implementation Flexibility](#)
- [6.2.1 In Scope](#)
- [SIP-002 — Formal Platform Independent Model](#)
- [SIP-029 — Implementation and Deployment Independence](#)

## Notes for Editors

SIP-001 establishes platform independence as a property of the proposed Reference Architecture.

[SIP-002 — Formal Platform Independent Model](#) separately requires the Submission to provide a formal Platform Independent Model of that architecture.

Platform independence does not prohibit platform-specific implementations, mappings, examples, or profiles. Such material must remain distinguishable from the platform-independent architectural definition.

---

© 2026 Dido Solutions, Inc. and Jackrabbit Consulting, Inc.

From:  
<https://wiki.didosolutions.com/> - **Dido Solutions, Inc Wiki**

Permanent link:  
<https://wiki.didosolutions.com/public/00-sip-ra/99-annexes/annex-c-requirements/sip-001-platform-independent-reference-architecture>

Last update: **2026/09/14 13:37**

