

SWIM-SERV-023 AIRM conformance

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Requirement

Title	AIRM conformance
Identifier	SWIM-SERV-023
Requirement	<p>A service description shall include a statement indicating</p> <ul style="list-style-type: none">• whether the information definition used by the service conforms to the ATM Information Reference Model (AIRM); and if so,• the version of the AIRM to which it conforms.
Rationale	To achieve semantic interoperability.
Verification	<p>Completeness: Verify that the conformance statement is present.</p> <p>Consistency: If the statement claims conformance with the AIRM, verify that the AIRM version is included.</p> <p>Correctness: Verify that the statement is true.</p>
Examples/Notes	<p>Example AIRM conformance statements:</p> <ul style="list-style-type: none">• "Conformant with AIRM version 4.1.0";• "Not conformant with AIRM"
Level of Implementation	Mandatory

Guidance

Clarification

This requirements is related to [SWIM-SERV-022 Information definition](#). Whereas req-022 concerns the semantic correspondence per element, req-023 concerns the information definition as a whole.

The wording AIRM conformance is to be understood as "semantic correspondence has been established for every element of the information definition".

The evidence of AIRM conformance is provided by the semantic correspondence statements required by [SWIM-SERV-022 Information definition](#).

Examples

See the [AIRM conformance section](#) within the [Donlon TOBT Setting Service Description](#).

Guidance for JSON service description

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scope

The JSON guidance is included within requirement [SWIM-SERV-022 Information definition](#).

Rationale:

- They share the same JSON type InformationDefinition
- AIRM semantic correspondence is dealt with in both requirements, however from a different perspective (global vs detailed).