

# THEMIS

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## 1. Datasheet

<b>Solution data</b>	
Name	Semantic support for service descriptions
Result type	<ul style="list-style-type: none"> <li>Modelling tool</li> </ul>
Description/functionality	<p>The A5 project has addressed the development of extensions to existing standards for describing Web services. Such extensions included ACE-GIS at the beginning and PIM4SOA when it became available. A modelling tool based on the UMT software for supporting the modelling annotation of OWL-S information was implemented.</p> <p>Integration of the run-time A5 services platform with the semantic reconciliation infrastructure developed in A3 in order to provide a complete ATHENA run-time semantic mediation solution. This task has included also the investigation of existing semantic solutions the reconciliation support.</p>
Benefits to interoperability	<ul style="list-style-type: none"> <li>Approach to richer modelling of services provided based on existing approaches</li> <li>Solution provides integration with A3 and A5 results.</li> </ul>
Supported models/methodologies	-
Supported input interfaces	-
Supported output interfaces	-
Validation/demonstration	-
Standards compliance	-
Availability	-
License	-
Status	-
Requirements/dependencies	-
Web references	-
<b>ATHENA metadata</b>	
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Contributors	FORMULA
Provided by project/activity	<ul style="list-style-type: none"> <li>• A5 – Planned and Customisable Service-Oriented Architectures</li> </ul>
Deliverables representing result	<ul style="list-style-type: none"> <li>• D.A5.2</li> <li>• D.A5.4</li> </ul>
Contribution to key result	<ul style="list-style-type: none"> <li>• 8: Interoperability Infrastructure</li> <li>• 13: Model-driven and Adaptable Interoperability Framework and Infrastructure</li> </ul>
Used in pilot	-
Deliverable providing evaluation	D.A5.5 “Validation of Research Results” (M24)