










## SAF User Documentation : D1\_STKD Framework Stakeholder Definition Viewpoint

Domain	Aspect	Maturity
SAF Development	Context & Exchange	 under construction

### Example

#	Name	Is Abstract	Documentation	VP Concerns	Concern/Rationale
1	 authority		Definition - Regulation Authority: Regulation Authorities can have impact by imposing Stakeholder Requirements against the system and by their involvement in the development and acceptance phases (e.g. safety or IT security acceptance audits). The term "authorities" also refers to current applicable regulations and laws. The requirements stipulated on the ...	<ul style="list-style-type: none"> <li>#434 What additional information the system or a system element needs to generate to enable testing?</li> <li>#410 Which modes and states does the system have?</li> <li>#542 How are applicable requirements considered in the system architecture?</li> <li>#532 What is the rationale when requirements are not considered?</li> <li>#532 How are error states handled?</li> <li>#581 Why types of exchange can exist between Operational Performers (i.e., flows of information, people, material, or energy)?</li> </ul>	
2	 Regulation Authority	<input type="checkbox"/> false			
3	 acquirer				
8	 provider				
20	 framework				
21	 SAF Developer	<input type="checkbox"/> false	The SAF Developer is a group or an individual developing SAF or extending SAF.	<ul style="list-style-type: none"> <li>#603 Which viewpoints are available in the framework?</li> <li>#604 What is the maturity state of viewpoints in the framework?</li> <li>#605 Who are the architecture framework stakeholders of the frameworks viewpoints?</li> <li>#606 What are the concerns addressed by the frameworks viewpoints?</li> <li>#607 Which systems engineering concepts are covered by the framework?</li> <li>#608 Which concerns are does an architecture framework stakeholder have?</li> <li>#609 Which systems engineering concepts are exposed within a viewpoint of the framework?</li> <li>#610 Which concerns are framed by a viewpoint of the framework?</li> <li>#621 How does a viewpoint of the framework support the processes and best practices of the INCOSE SE Handbook or other system engineering standards?</li> <li>#616 What is the implementation of the frameworks concepts?</li> </ul>	<p>I need an overview over the viewpoints available to identify possible gaps.</p> <p>I need an overview over the maturity of available to plan SAF development.</p> <p>I need to explain to frameworks users who would typically have an interest in which viewpoint.</p> <p>I need to cover the information need of stakeholders to match the purpose of the viewpoint.</p> <p>I need to cover important SE concepts in typical SE workflows along the processes of the INCOSE SE</p> <p>I need to analyze the concerns if they are justified by SE best practice.</p> <p>I need to specify which SE concepts are exposed in order to fulfill the information need of stakeholders</p> <p>I need to design viewpoints that fulfill stakeholders information needs and cover the purpose of the</p> <p>I need to cover the processes and best practices by a suitable set of viewpoints.</p> <p>I need to cover the SE concepts exposed by viewpoints by an implementation.</p>
22	 SAF System model user	<input type="checkbox"/> false	The SAF System Model User is a group or an individual creating, maintaining or reading SAF System Models.	<ul style="list-style-type: none"> <li>#603 Which viewpoints are available in the framework?</li> <li>#621 How does a viewpoint of the framework support the processes and best practices of the INCOSE SE Handbook or other system engineering standards?</li> <li>#619 Which presentations are available for a viewpoint in the framework?</li> <li>#620 Which dependencies to other viewpoints exist for a viewpoint of the framework?</li> <li>#618 What is the purpose of a viewpoint in the framework?</li> <li>#617 How is a viewpoint implemented (which stereotypes /model elements are used)?</li> <li>#615 What is the definition of rows (domains) in the frameworks grid?</li> <li>#614 What is the definition of columns (aspects) in the frameworks grid?</li> <li>#613 Which columns and rows does the frameworks grid have?</li> <li>#612 Where is a viewpoint of the framework located in the frameworks grid?</li> </ul>	<p>I want to know which viewpoints can possibly satisfy my information needs.</p> <p>I want to know how the INCOSE HB processes and best practices are supported by the frameworks</p> <p>I want to know what types of diagrams, tables etc. I am going to work on.</p> <p>I need to know the dependencies in order to plan my work.</p> <p>I need to know if I am using a viewpoint suitable for my modeling task.</p> <p>I want to know which model elements I am expected to work on in a viewpoint.</p> <p>I need to be able to orient myself in the frameworks structure and know what is where.</p> <p>I need a user documentation of the viewpoint I am going to use.</p> <p>I need an overview about the model in order to orient myself.</p> <p>I need to populate system models with them and read them from system models.</p>
23	 SAF MBSE approach planner	<input type="checkbox"/> false	The SAF MBSE approach planner is a group or an individual selecting viewpoints to be used in an MBSE approach. This may be identical with an architect role but may as well be carried out by an organization standardizing the	<ul style="list-style-type: none"> <li>#604 What is the maturity state of viewpoints in the framework?</li> <li>#605 Who are the architecture framework stakeholders of the frameworks viewpoints?</li> <li>#606 What are the concerns addressed by the frameworks viewpoints?</li> <li>#607 Which systems engineering concepts are covered by the framework?</li> <li>#609 Which concerns are does an architecture framework stakeholder have?</li> </ul>	<p>I need to know which viewpoints are stable to assess the risk using them.</p> <p>I need to select viewpoints for my stakeholders and want to use this information as a starting point.</p> <p>I want to know if the information need of my stakeholders in the planned MBSE approach is addressed</p> <p>I need know if the SE concepts to my stakeholders according to the planned SE work flow is covered by</p> <p>I need to analyze the concerns if they match the information needs my stakeholders will have in order</p>

### Purpose

The Framework Stakeholder Viewpoint provides definitions for Architecture Framework Stakeholders having an interest in SAF Viewpoints. The Interest is formulated using Concerns.

The viewpoint is intended to be used for development or extension of the SAF.

### Applicability

The Viewpoint supports the definition of "Stakeholders and concerns", and "Specification of an architecture description framework" as defined in ISO42010:2022

### Presentation

A Block Definition Diagram (BDD) featuring *SCM\_VPStakeholder* elements, and inheritance relationships if applicable.

A table featuring *SCM\_VPStakeholder* elements, their documentation, and the *SCM\_VPConcern* elements representing the concerns of the stakeholders regarding to SAF Viewpoints.

## Stakeholder

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- [SAF Developer](#)
- [SAF MBSE approach planer](#)

## Concern

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- [Which concerns are does an architecture framework stakeholder have?](#)
- [Who are the architecture framework stakeholders of the frameworks viewpoints?](#)

## Profile Model Reference

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The following Stereotypes / Model Elements are used in the Viewpoint:

- [SCM\\_ConcernRationale](#)
- [SCM\\_D1\\_STKD\\_Table](#)
- [SCM\\_VPConcern](#)
- [SCM\\_VPStakeholder](#)

## Input from other Viewpoints

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### Required Viewpoints

*none*

### Recommended Viewpoints

*none*