



System State Viewpoint

Domain	Aspect	Maturity
Functional	Process & Behavior	 released

Example



Purpose

The System State Viewpoint defines the conditions of the SOI or parts of it that constrain the execution of System Functions. A System State is a pre-condition or post-condition of a Use Case, or is used in Requirements. The valid transitions between System States and the conditions for transitioning are specified.

Applicability

[tbd]

Stakeholder

- [Hardware Developer](#)
- [IV&V Engineer](#)
- [Maintainer](#)
- [Regulation Authority](#)
- [Safety Expert](#)
- [Security Expert](#)
- [Software Developer](#)
- [System Architect](#)

Concern

- Which modes and states does the system have?
- Which system functions are dependent on a systems mode or state?

Presentation

[tbd]

Profile Model Reference

- Event [UML_Standard_Profile]
- [SAF_DomainKind](#)
- [SAF_LogicalElement](#)
- [SAF_SFV03c_View](#)
- [SAF_SystemFunction](#)
- State [UML_Standard_Profile]
- StateMachine [UML_Standard_Profile]
- StateMachine [UML_Standard_Profile]
- Transition [UML_Standard_Profile]

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

- [System Context Definition Viewpoint](#)

- [System Domain Item Kind Viewpoint](#)
- [System Process Viewpoint](#)