



## 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

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

## Concern

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

## Presentation

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[tbd]

## Profile Model Reference

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- Event [UML\_Standard\_Profile]
- [SAF\\_DomainKind](#)
- [SAF\\_LogicalElement](#)
- [SAF\\_SFV03b\\_View](#)
- [SAF\\_SystemFunction](#)
- State [UML\_Standard\_Profile]
- StateMachine [UML\_Standard\_Profile]
- StateMachine [UML\_Standard\_Profile]
- Transition [UML\_Standard\_Profile]

## Input from other Viewpoints

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### Required Viewpoints

*none*

### Recommended Viewpoints

- [System Context Definition Viewpoint](#)

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