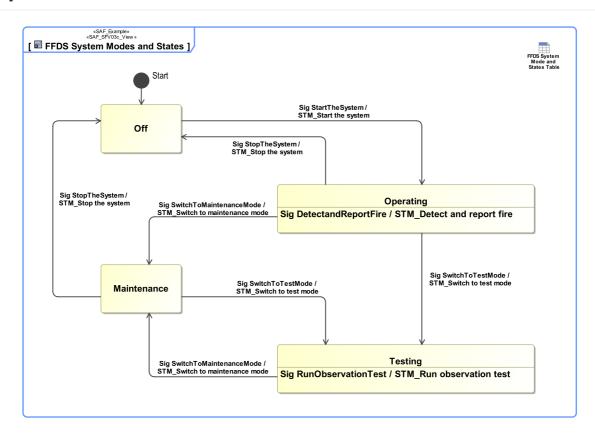


System State Viewpoint

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

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