System Architecture Framework

System Capability Viewpoint

Domain	Aspect	Maturity
Functional	Structure	✅ released

Example
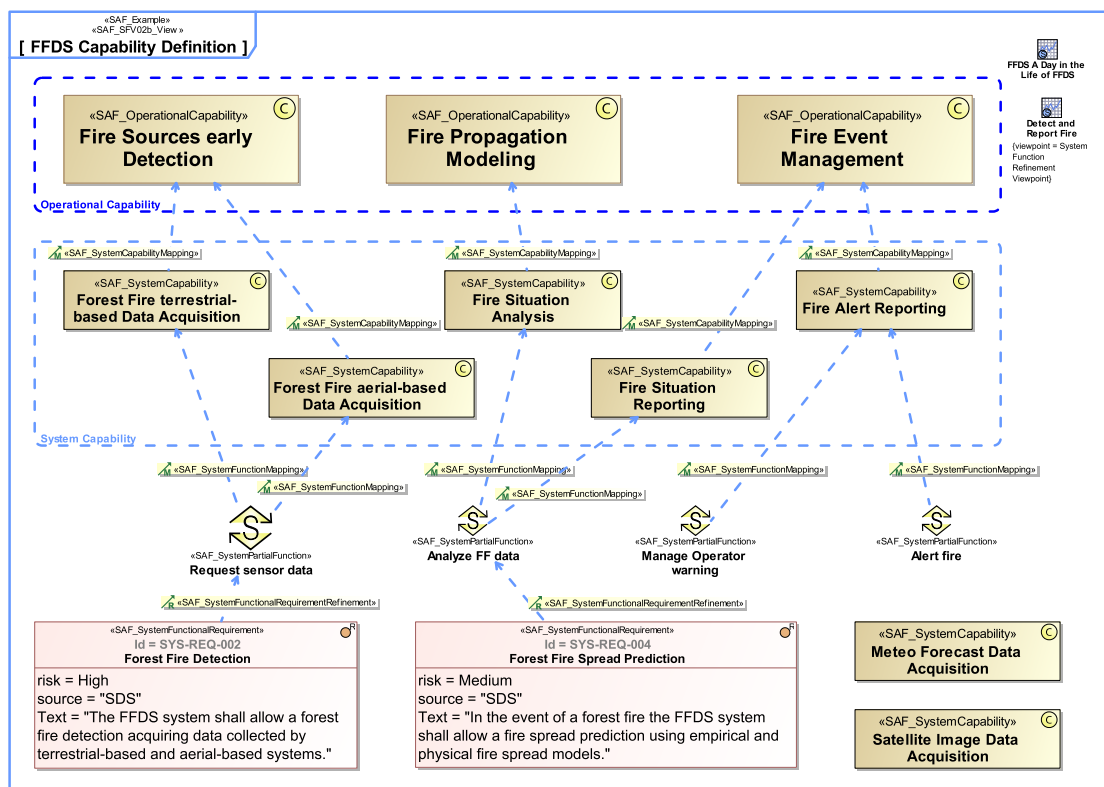
Purpose

The System Capability Viewpoint defines a taxonomy of Capabilities including composition, specialization, and dependency relationships between System Capabilities.

Applicability

The System Capability Viewpoint supports the "[tbd]" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 [§] defining System Capabilities at a system level (e.g. [tbd] and functional process(es)). The System Capability Viewpoint contributes to [tbd].

Stakeholder

- Acquirer
- Supplier
- System Architect

Concern

- What are the capabilities that are supported by the system?

Presentation

A BDDs featuring System Capabilities and their composition, specialization and dependency relationships.

Profile Model Reference

- SAF_SFV02b_View
- SAF_SystemCapability
- SAF_SystemCapabilityComposition
- SAF_SystemCapabilityDependency
- SAF_SystemCapabilityGeneralization
- SAF_SystemCapabilityMapping

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

- Operational Capability Viewpoint
- System UseCase Viewpoint
- System Process Viewpoint