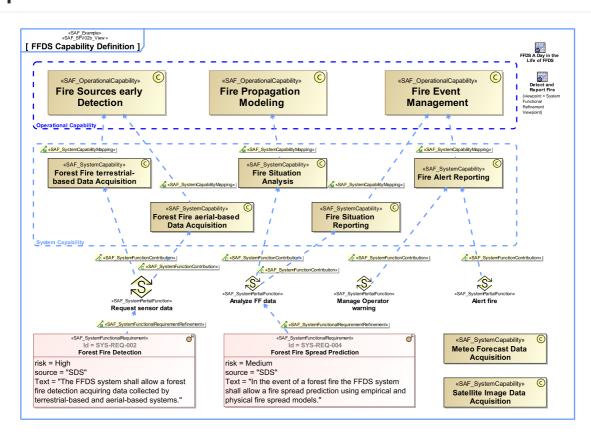


# **System Capability Viewpoint**

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 "Requirement Definition" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 [§] defining System Capabilities at a system level . The System Capability Viewpoint contributes to Requirements definition.

#### 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. The relationship to operational capabilities shall be shown if applicable.

A Table featuring system capabilities, and their composition specialisation and dependency relationships, as well as relations to operational capabilities.

### **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 Use Case Viewpoint
- System Process Viewpoint