SAF User Documentation : O2_OCYD Operational Capability Definition Viewpoint

Domain	Aspect	Maturity
Operational	Taxonomy & Structure	✅ released

Example
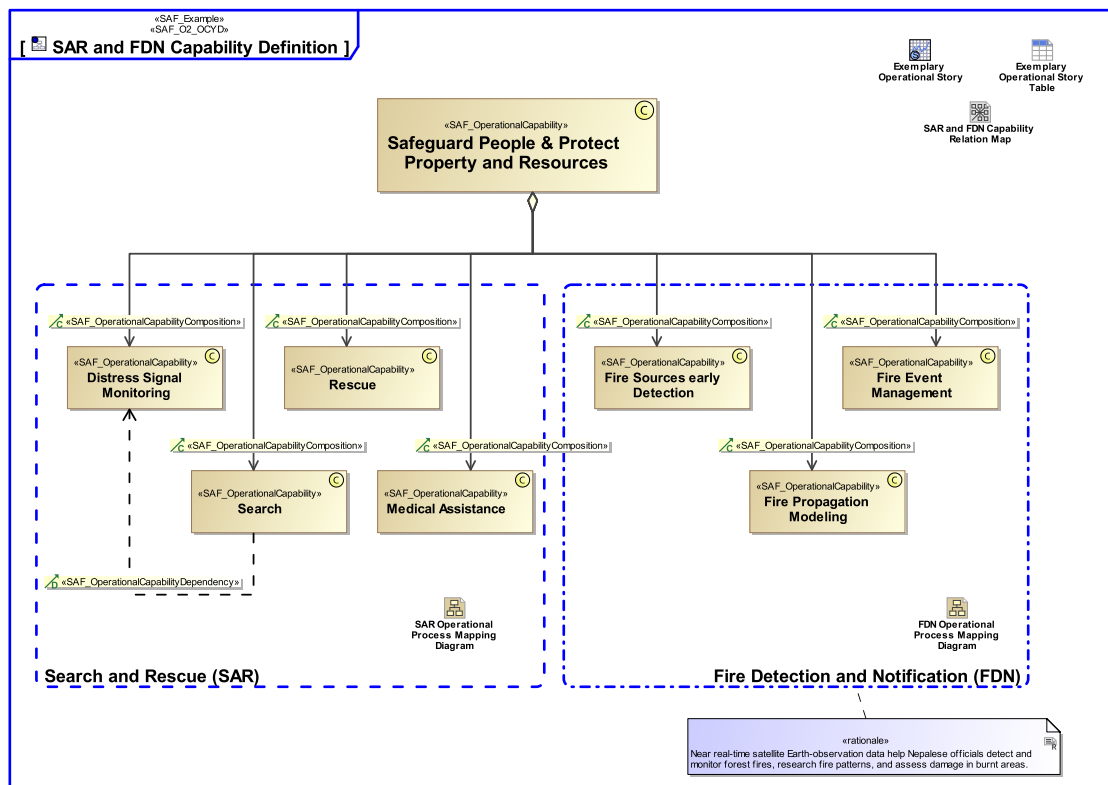
Purpose

The Operational Capability Definition Viewpoint defines a taxonomy of Capabilities from a Stakeholder's perspective including composition, specialization, and dependency relationships between Operational Capabilities.

Applicability

The Operational Capability Definition Viewpoint supports the "Business or Mission Analysis Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2023 [§ 2.3.5.1] defining Capabilities at an operational level (e.g., business or mission profile, and operational scenarios). The Operational Capability Viewpoint contributes to the problem or opportunity statement.

Presentation

A block definition diagram (BDD) featuring Operational Capabilities, their composition, specialization, and dependency relationships.

Stakeholder

- Acquirer
- Customer
- Portfolio Manager
- System Architect

Concern

- What operational capabilities are defined?
- What operational capabilities are required for each phase and mode of operation?

Profile Model Reference

The following Stereotypes / Model Elements are used in the Viewpoint:

- SAF_O2_OCYD
- SAF_OperationalCapabilityComposition
- SAF_OperationalCapabilityDependency
- SAF_OperationalCapabilityGeneralization
- SAF_OperationalCapability

Input from other Viewpoints

Required Viewpoints

none

Recommended Viewpoints

- Operational Story Viewpoint
- Operational Process Viewpoint