



Operational Capability Traceability Viewpoint

Domain	Aspect	Maturity
Operational	Mapping & Crossreference	 released

Example

#	Name	Documentation	Support OF Operational Story	Exhibiting Operational Performer	Contribution TO Capability
1	Safeguard People & Protect Property and Resources	The Disaster Recovery Reform Act of 2018 (DRRA) - enacted after the devastation of the 2017 hurricane season and 2018 California wildfires - emphasizes the importance of capabilities-based planning. Specifically, DRRA requires Federal Emergency Management Agency (FEMA, gov) to "complete a national preparedness assessment of capability gaps at each level based on tiered, capability-specific performance objectives to enable prioritization of grant funding."			
2	SAR Capability				
3	Distress Signal Monitoring	<i>This operational capability demonstrates that the enterprise has the power of observing or recording an activity or performance of people who are in danger or lost.</i>	Search and Rescue	Coordination Center	Receive Distress Signal
4	Search	<i>This operational capability demonstrates that the enterprise has the power of looking for people who are in danger or lost.</i>	Search and Rescue	Fire Truck	Find Victim Monitor Health
5	Rescue	<i>This operational capability demonstrates that the enterprise has the power of salvaging people who are in danger or lost.</i>	Search and Rescue	Fire Truck	Recover Victim
6	Medical Assistance	<i>This operational capability demonstrates that the enterprise has the power of getting the right equipment and medicine to the right people.</i>	Search and Rescue	Fire Truck	Provide Emergency Care Provide Medical Assistance
7	FDN Capability				
8	Fire Sources early Detection	<i>This operational capability demonstrates that the enterprise has the power of managing an effective surveillance network which allows to reduce the time between the ignition and the detection of the forest fire.</i>	Fire Detection and Notification	Surveillance Center	Detect and Notify Fire
9	Fire Event Management	<i>This operational capability demonstrates that the enterprise has the power of supporting tasks and time-critical decision processes in forest fire fighting situations.</i>	Fire Detection and Notification	Surveillance Center	Detect and Notify Fire
10	Fire Propagation Modeling	<i>This operational capability demonstrates that the enterprise has the power of providing forest fire danger forecast for the coming hours.</i>	Fire Detection and Notification	Surveillance Center	Detect and Notify Fire

Purpose

The Operational Capability Traceability Viewpoint describes the relationships of Operational Capabilities. The reasoning for Operational Capabilities as support for Operational Stories and contribution of Operational Processes to Capabilities is described.

Applicability

The Operational Capability Traceability Viewpoint supports the "Business or Mission Analysis Process" activities of the INCOSE SYSTEMS ENGINEERING HANDBOOK 2015 [§ 4.1], and contributes to the definition of Operational Capabilities.

Stakeholder

Concern

- Show in a concise manner the relationships from operational capability to operational story, to operational activity, and to operational performer.

Presentation

The relationships of Operational Capabilities to Operational Stories, and to Operational Process Activities are represented in a table.

Profile Model Reference

- [SAF_OperationalCapability](#)
- [SAF_OperationalCapabilityComposition](#)
- [SAF_OperationalCapabilityDependency](#)
- [SAF_OperationalCapabilityGeneralization](#)
- [SAF_OperationalCapabilitySupport](#)
- [SAF_OperationalPerformerExhibit](#)
- [SAF_OperationalProcess](#)
- [SAF_OperationalProcessContribution](#)
- [SAF_OperationalStory](#)
- [SAF_SOV08a_View](#)

Input from other Viewpoints

Required Viewpoints

- [Operational Capability Viewpoint](#)

Recommended Viewpoints

- [Operational Story Viewpoint](#)
- [Operational Process Viewpoint](#)