



Operational Process 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 Recover Victim |
| 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 | |
| 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 by near real-time processing chains and end user oriented management solutions.</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 delivering an up-to-date meteorological and local data for a risk forecast for the coming hours.</i> | Fire Detection and Notification | Surveillance Center | Detect and Notify Fire |

Purpose

The Operational Process Traceability Viewpoint describes the relationships of Operational Processes. The reasoning for Operational Processes from Operational Stories and their contribution to Capabilities is described. The assignment of Operational Processes to Operational Performers is captured.

Applicability

The Operational Process 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 scenarios.

Stakeholder

Concern

- Show in a concise manner the relationships from operational process to operational story and to operational performer.

Presentation

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

Profile Model Reference

- [SAF_OperationalCapability](#)
- [SAF_OperationalPerformer](#)
- [SAF_OperationalProcess](#)
- [SAF_OperationalProcessContribution](#)
- [SAF_OperationalProcessRefinement](#)
- [SAF_OperationalStory](#)
- [SAF_SOV08b_View](#)

Input from other Viewpoints

Required Viewpoints

- [Operational Process Viewpoint](#)

Recommended Viewpoints

- [Operational Context Definition Viewpoint](#)
- [Operational Domain Item Kind Viewpoint](#)