Services Traceability

Description

The Services Traceability (Sv-St) domain shows the traceability between operational activities and service specifications that support them and depicts how service specifications contribute to the achievement of a capability.

Implementation

The Services Traceability (Sv-St) domain is represented by:

- Service Specifications to Capabilities Mapping Matrix.

  The intended usage of the Service Exhibits Traceability includes:

  - Tracing Capability requirements to Service Specifications.
  - Capability audit.

- Operational Activities to Service Specifications Mapping Matrix.

  The intended usage of the Operational Activities To Service Specifications Mapping Matrix includes:

  - Tracing service functional requirements to user requirements.
  - Tracing solution options to requirements.
  - Identification of overlaps or gaps.

Sample

Legend: ↗ Exhibits, ↗ Exhibits (Implied)	Strategic Taxonomy [M	Assistance	Distress Signal Monitor	Inform	Land SAR	Maritime SAR phase 1	Military C2	Recovery	SAR	SAR C2	Search
Services Taxonomy [Model::Services]		1	1	1	7	7	1	2	6	1	1
Air Transportation Services	4				↗	↗		↗	↗		
Communications Services	1			↗							
Coordination Services	5				↗	↗	↗		↗	↗	
Land Search and Rescue Service	1				↗						
Maritime Search and Rescue Service	1					↗					
Medical Services	4	↗			↗	↗			↗		
Monitor Service	4		↗		↗	↗			↗		
Rescue Service	4				↗	↗		↗	↗		
Search and Rescue Service											
Search Service	4				↗	↗			↗		↗

An example of the Service Specifications to Capabilities Mapping Matrix
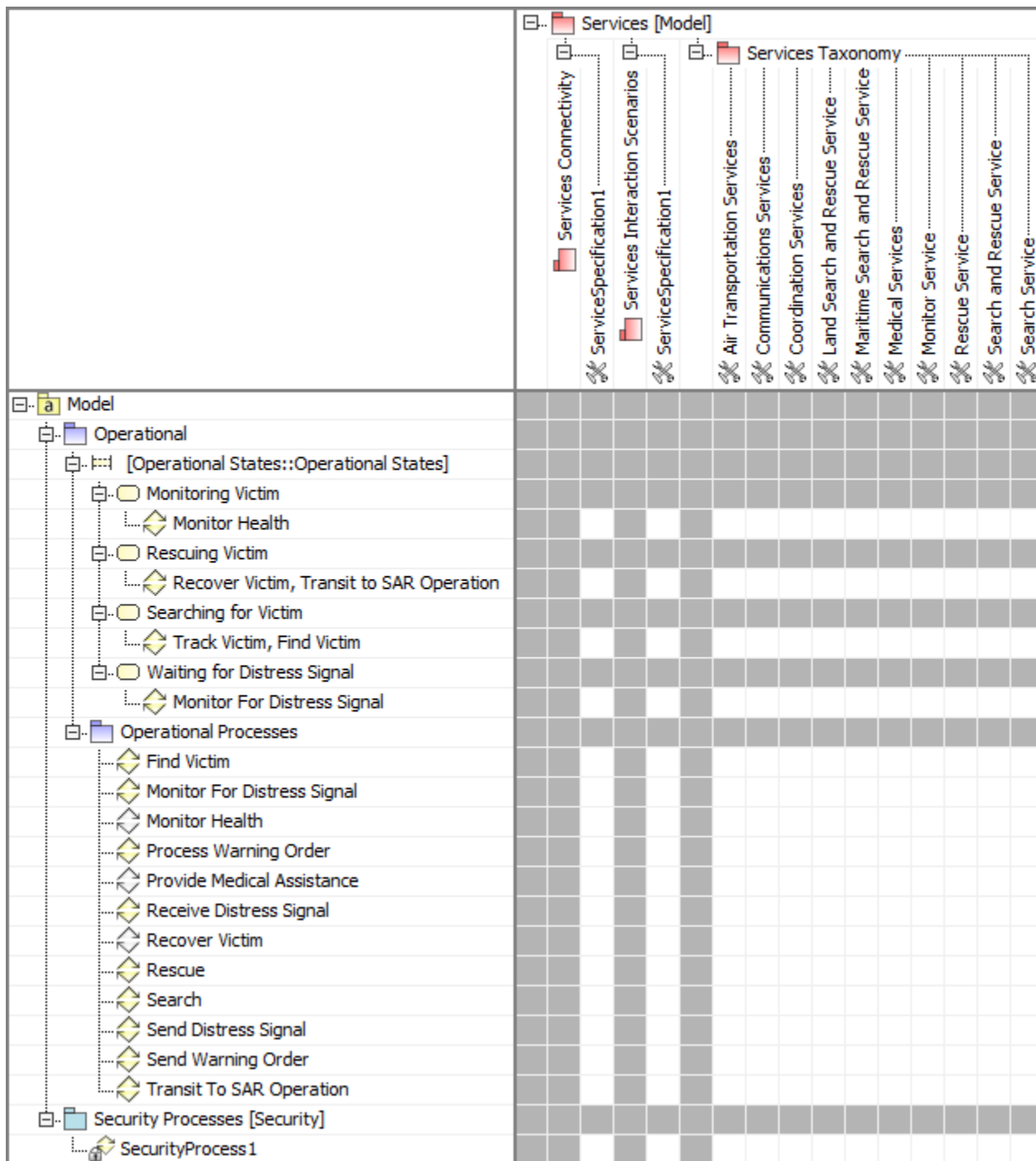
An example of the Operational Activities to Service Specifications Mapping Matrix

Related elements

- Capability
- Operational Activity
- Service Specification

Related procedures

- Working with Service Specifications to Capabilities Mapping Matrix
- Working with Operational Activities to Service Specifications Mapping Matrix