

# Resources Traceability

## Description

The Resources Traceability (Rs-Tr) domain shows the traceability between operational activities and functions that implements them. It depicts the mapping of functions to operational activities and thus identifies the transformation of an operational need into a purposeful function performed by a resource or solution.

The intended usage of the Resources Traceability (Rs-Tr) domain includes:

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

## Implementation





















The Resources Traceability (Rs-Tr) domain is represented by:

- [Functions to Operational Activities Mapping matrix.](#)
- [Resources to Operational Activities Mapping matrix.](#)

## Sample

Legend		Operational Processes [Model::Operational]											
↗ Implements		Find Victim.....	Monitor For Distress Signal.....	Monitor Health.....	Process Warning Order.....	Provide Medical Assistance.....	Receive Distress Signal.....	Recover Victim.....	Rescue.....	Search.....	Send Distress Signal.....	Send Warning Order.....	Transit To SAR Operation.....
		↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
Resources Processes [Model::Resources]					1				5	4			
Apply First Aid	2								↗	↗			
Determine Destination	1			↗									
Move	2								↗	↗			
Reassure Victim	2								↗	↗			
Recover Victim	1									↗			
Rescue Victim	1								↗				
Transport	1								↗				

An example of the Functions to Operational Activities Mapping matrix


<b>Legend</b>  System To Operational Activity		<b>Operational Processes [Model::Operational]</b>											
		Find Victim.....	Monitor For Distress Signal.....	Monitor Health.....	Process Warning Order.....	Provide Medical Assistance.....	Receive Distress Signal.....	Recover Victim.....	Rescue.....	Search.....	Send Distress Signal.....	Send Warning Order.....	Transit To SAR Operation.....
<b>Resources Taxonomy [Model::Resources]</b>					1				1	1			
 Aircraft													
 Boat													
 Communication Device													
 Distress Monitoring													
 ESM System													
 Life Saving Device													
 Lighting Device													
 Link 16													
 Maritime Rescue Architecture v1													
 Maritime Rescue Architecture v2													
 Maritime Rescue Team													
 Maritime Rescue Unit v1	3												
 Maritime Rescue Unit v2													
 Maritime SAR resource architecture phase 1													
 Maritime SAR resource architecture phase 2													
 Maritime SAR resource architecture phase 3													

An example of the Resources to Operational Activities Mapping matrix

Related elements

- [Function](#)
- [Operational Activity](#)
- [Service Function](#)

Related procedures

 Unknown macro: 'list-children'