

MODAF. SOV-3 Capability to Service Mapping

Description

The Capability to Service Mapping View (SOV-3) depicts which services contribute to the achievement of a capability. It is in the form of a table generated from the database. If a network enabled capability is to be delivered by the orchestration of loosely couple services (i.e. a service-oriented architecture), it is important to know which services have the potential to support particular capabilities. This helps to prevent redundant services or capabilities, (except where specifically required) and what is known as stovepipe development. An SOV-3 presents a simple mapping of services to capabilities, showing which services contribute to which capability.

Implementation

SOV-3 can be represented using a StV-6 diagram which is an editable Dependency Matrix. The Service Interfaces will be used as the row elements and the Capabilities will be used as the column elements.

Sample

	Assistance	Land SAR	Maritime SAR	Recovery	SAR	Search	UK SAR Capability
SOV-1	1	1					
Ambulance Service							
Channel Navigation Information Service							
Emergency Towing Cover Service							
Fire and Rescue Service							
Land Search & Rescue Service							
Maritime Search & Rescue Service							
Mayday							
Monitor							
Mountain Rescue Team Service							
Police Service							
Rescue							
Search							
Search & Rescue Service							
UK Radio Medical Advice Service							
UK Radio Weather Forecast Information Service							

SOV-3 Capability to Service Mapping

Related elements

- [Service Interface](#)
- [Expose](#)
- [Capability](#)

Related procedures

- [Building SOV-3 matrix](#)
- [Using Implied Relations](#)