

CV-6 Capability to Operational Activities Mapping

Description

The CV-6 describes the mapping between the capabilities required and the activities that enable those capabilities.

It is important to ensure that the operational activity matches the required capability. The CV-6 DoDAF-described Model provides a bridge between capability analyzed using CVs and operational activities analyzed using OVs. Specifically, it identifies how operational activities can be performed using various available capability elements. It is similar in function to the SV-5a Operational Activity to Systems Function Traceability Matrix. The capability to activity mappings may include both situations where activities fully satisfy the desired capability and those where the activity only partially meets the capability requirement.

The intended usage of the CV-6 includes:

- Tracing capability requirements to operational activities.
- Capability audit.

Implementation

CV-6 can be represented using a CV-6 diagram which is an editable Dependency Matrix. The Capabilities are used as row elements and the Operational Activities are used as column elements.

Criteria	
Select Row Scope:	CV-2
Select Column Scope:	OV-5
	<div> <div>Coordinate Other Agencies(context Land SAR)</div> <div>Find Victim</div> <div>Firefight</div> <div>Investigate Reports Of MissingPersons(context Land SAR)</div> <div>Monitor Health</div> <div>Process Warning Order</div> <div>Provide continuous radar surveillance(context Maritime SAR)</div> <div>Provide emergency towing cover in high risk shipping area...</div> <div>Provide Medical Assistance</div> <div>Receive Distress Signal</div> <div>Recover Victim</div> <div>Rescue</div> <div>Search</div> <div>Search & Rescue(: Medical Condition, : Updated Location)</div> <div>Send Distress Signal</div> <div>Send Warning Order</div> <div>Solve incident involving chemicals</div> <div>Solve incidents in all areas of inhospitable terrain(context ...</div> <div>Transit To SAR Operation</div> <div>Transport Patient</div> <div>Treat Patient(context Land SAR)</div> </div>
<div> <div>Assistance</div> <div>Land SAR</div> <div>Maritime SAR</div> <div>Recovery</div> <div>SAR</div> <div>Search</div> <div>UK SAR Capability</div> </div>	<div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> <div>↔</div> </div>
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This model is analogous to the [SV-5a Operational Activity to System Function Traceability Matrix](#) – but provides the interface between Capability and Operational Models rather than Operational to System Models.

Related elements

- [Capability](#)
- [Operational Activity](#)
- [Maps To Capability](#)

Related procedures

- [Creating CV-6 matrix](#)

- [Using Implied Relations](#)