

Implementation Matrix

Description

The **Implementation Matrix** describes the mapping between the Resources / Operational / Summary & Overview Elements and Operational / Services / Strategic / Resources Elements directly or using the [implied relations](#). The implementation in UAF is defined by the Implements relationship. To specify the implementation and analyze implementation gaps, the Implementation Matrix is added as a supportive product for UAF.

Implementation

An Implementation Matrix is represented by a Dependency Matrix-based diagram.

The Rows of the matrix are:

- Resources Elements: Resource Performer, Function, Resource Interfaces, Resource Information, Resource Role, Resource Service, Resource Connector, and Resource Exchange.
- Operational Elements: Operational Activity and Operational Information.
- Service Elements: Service Interface.
- Summary & Overview Elements: Architecture.

The Columns of this matrix are:

- Operational Elements: Operational Agent, Operational Activity, Operational Interface, Operational Information, Operational Role, Operational Connector, and Operational Exchange.
- Services Elements: Service, Service Function, and Service Interface.
- Strategic Elements: Actual Strategic Phase and Strategic Information.
- Resource Elements: Resource Connector.

Sample

	Monitoring Node [Operational Viewpoint::OV-2]	Person In Distress [Operational Viewpoint::OV-2]	Place Of Safety [Operational Viewpoint::OV-2]	Rescue Day Shift [Operational Viewpoint::OV-2]	Rescue Night Shift [Operational Viewpoint::OV-2]	Rescue Node [Operational Viewpoint::OV-2]	SAR Asset Controller [Operational Viewpoint::OV-2]	SAR Concept [Operational Viewpoint::OV-2]	Search Node [Operational Viewpoint::OV-2]	Tactical C2 Node [Operational Viewpoint::OV-2]
Aircraft [Systems Viewpoint::SV-1]										
Airwave [Systems Viewpoint::SV-1]										
Augusta Westland 139 [Systems Viewpoint::SV-1]										
Boat [Systems Viewpoint::SV-1]										
C2 Center [Systems Viewpoint::SV-2]										
Helicopter [Systems Viewpoint::SV-1]										
Yacht [Systems Viewpoint::SV-2]										
Maritime Rescue Coordination Center Software [Systems Viewpoint::SV-1]										
Maritime Rescue Team [Systems Viewpoint::SV-1]										
Maritime Rescue Unit V2 [Systems Viewpoint::SV-1]										
Monitor Unit [Systems Viewpoint::SV-2]										
MRT Communicator [Systems Viewpoint::SV-1]										
MRT Driver [Systems Viewpoint::SV-1]										
MRT Pilot [Systems Viewpoint::SV-1]										
MRT Searcher [Systems Viewpoint::SV-1]										
MRT Swimmer [Systems Viewpoint::SV-1]										
Naval Ship [Systems Viewpoint::SV-2]										

Predefined configurations

The predefined matrices are only available in DoDAF and DoDAF 2.0 perspectives.

Working in DoDAF or DoDAF 2.0 perspectives, you can find predefined matrices by clicking **Analyze > OV-SV Gap analysis**.

There are several types of predefined implementation matrices:

- Operational Performers Implementation Matrix. It maps Operational Performers to System Resources only.
- Operational Activities Implementation Matrix. It maps Operational Activities to Functions.
- Operational Exchanges Implementation Matrix. It maps Operational Exchanges to Resource Exchanges.

These matrices provide an analysis of the whole model of a particular implementation, so you do not have to define the scope or any additional properties for building them.

Related elements

- [System](#)
- [Function](#)
- [Resource Exchange](#)
- [Operational Performer](#)
- [Operational Activity](#)
- [Operational Exchange](#)

Related procedures

- [Creating Implementation Matrix](#)
- [Using Implied Relations](#)