

# Service Channels Summary Matrix

## Description

A Service Channel Summary matrix enables a quick overview of all the service interactions specified in one or more OV and SV models. The matrix format supports a rapid assessment of potential commonalities and redundancies (or, if fault-tolerance is desired, the lack of redundancies). In addition, this model is useful in support of net-centric (service-oriented) implementation of services.

The Service Channel Summary Matrix can be organized in a number of ways to emphasize the association of service pairs in context with the architecture's purpose. One type of organization is a Service Hierarchy or Taxonomy of Services.

The intended usage of the Service Channel Summary Matrix includes:

- Summarizing service resource interactions.
- Interface management.
- Comparing interoperability characteristics of solution options.

## Implementation

Service Channel Summary Matrix can be represented using a Service Channel Summary Matrix diagram which is an editable Dependency Matrix.

## Sample

	Frequency Scanner	Link 16	Link 16 Terminal	Monitor Unit	Naval Ship	Receiver	RN ASR Helo	RNLI Lifeboat	Signal Processor	Status Alerting	Track Interface	Transmitter	Voice Radio	Yacht
SV-2														
Link 16														
Link 16 Terminal														
Monitor Unit														
Naval Ship														
Receiver														
RN ASR Helo														
RNLI Lifeboat														
Signal Processor														
Status Alerting														
Track Interface														
Transmitter														
Voice Radio														
Yacht														

## Related procedures

- [Creating Service Channel Summary Matrix](#)

## Related elements

- Service Channel
- Service Interface
- Service
- Request
- System
- Materiel
- Post