

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