

# MODAF. SV-6 Systems Data Exchange Matrix

## Description

The Systems Data Exchange Matrix specifies the characteristics of the system data exchanged between systems. The focus is on data crossing the system boundary. An SV-6 focuses on the specific aspects of the system data flow and the system data content in a tabular format.

## Implementation

SV-6 can be represented using:

- A SV-6 table.
- An SV-6 role-based table.



A role-based table represents exchanges between Resource Roles(resource usages).

- A SV-6 spreadsheet report.

## Sample

#	Resource Interaction Item	Sending Resource	Receiving Resource	Producing Function	Consuming Function
1	Distress Signal	Distress Beacon	ESM System	Transmit Distress Signal	Receive Distress Signal
2	Message	Voice Radio	Voice Radio	Broadcast Message	Receive Message
3	TDM	Link 16 Terminal	Link 16	Send TDM	Receive TDM
4	TDM	Link 16	Link 16 Terminal	Send TDM	Receive TDM
5	Track	ESM System	Link 16 Terminal	Send Track Information	Receive Track Information
6	Track	ESM System	Link 16	Send Track Information	Receive Track Information

Systems Data Exchange Matrix

## Related views

SV-6 is the physical equivalent of the logical OV-3 table and provides detailed information on the system connections which implement the information exchanges specified in an OV-3.

## Related elements

- Resource Artifact
- Software
- Capability Configuration
- Organization
- Post
- Exchange Element
- Resource Interaction
- Materiel
- Energy

## Related procedures

- Adding Existing Resource Interaction to SV-6 table