

# 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:

- SV-6 table.
- SV-6 role-based table.

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

- 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](#)
- [Data Element](#)
- [Resource Interaction Kind](#)
- [Natural Resource](#)

## Related procedures

- [Adding Existing Resource Exchanges to SV-6 table](#)