

NSV-6 Systems Data Exchange Matrix

Description

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

The term System Data Exchange does not refer to one NMM element. A data exchange as described in NSV-6 is a combination of a System Port Connector and the Data Elements

Implementation that flow across it. Any properties shown in an NSV-6 table will be properties of the System Port Connector.































NSV-6 can be represented using:

- NSV-6 table.
- NSV-6 role-based table.

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

- NSV-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

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

Related elements

- [Resource Artifact](#)
- [Software](#)
- [Capability Configuration](#)
- [Organization](#)
- [Post](#)
- [Data Element](#)
- [Resource Interaction Kind](#)
- [Natural Resource](#)

Related procedures

 Unknown macro: 'list-children'