

SV-6 Systems Resource Flow Matrix

Description

The SV-6 specifies the characteristics of the System Resource Flows exchanged between systems with emphasis on resources crossing the system boundary.

The SV-6 focuses on the specific aspects of the system Resource Flow and the system Resource Flow content in a tabular format.

The intended usage of the SV-6 includes:

- Detailed definition of Resource Flows.

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.

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

The SV-6 is the physical equivalent of the logical [OV-3](#) table and provides detailed information on the system connections which implement the Resource Flow exchanges specified in [OV-3](#).

Related elements

- System
- Software
- Capability Configuration
- Organization Type
- Person Type
- Resource Interaction
- Exchange Element
- Energy
- Geo Political Extent Type
- Function

Related procedures

- [Creating SV-6 table](#)
- [Displaying Custom Measurements](#)