

SvcV-6 Services Resource Flow Matrix

Description


The SvcV-6 specifies the characteristics of Service Resource Flow exchanges between Services. The SvcV- is the physical equivalent of the logical OV-3 Operational Resource Flow Matrix and provides detailed information on the service connections which implement the Resource Flow exchanges specified in OV-3 Operational Resource Flow Matrix.

In addition, this model is useful in support of net-centric (service-oriented) implementation of services. According to the Net-Centric Data Strategy, a net-centric implementation needs to focus in on the data in the Service Resource Flow, as well as the services that produce or consume the data of the Service Resource Flow. In a netcentric implementation, not all the consumers are known and this model emphasizes the focus on the producer and Service Resource Flow.

Implementation










SvcV-6 can be represented using:

- SvcV-6 table.
- SvcV-6 role-based table.

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

- SvcV-6 spreadsheet report.

Sample

| # | Resource Interaction Item | Sending Service | Receiving Service |
|---|--|--|---|
| 1 |  Control Order |  Police Service |  Fire and Rescue Service |
| 2 |  Track Info |  Maritime Search & Rescue Service |  Land Search & Rescue Service |
| 3 |  Track Info |  Land Search & Rescue Service |  Maritime Search & Rescue Service |
| 4 |  Request for Assistance |  Fire and Rescue Service |  Mountain Rescue Team Service |
| 5 |  Request for Assistance |  Fire and Rescue Service |  Ambulance Service |
| 6 |  Weather Forecast |  Channel Navigation Information Service |  Emergency Towing Cover Service |
| 7 |  Request for Assistance |  Emergency Towing Cover Service |  UK Radio Medical Advice Service |
| 8 |  Medical Advice |  UK Radio Medical Advice Service |  Emergency Towing Cover Service |

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Related elements

- [Service Specification](#)
- [Resource Interaction Kind](#)
- [Data Element](#)
- [Function](#)
- [System](#)
- [Software](#)
- [Capability Configuration](#)
- [Organization](#)
- [Post](#)