

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 net-centric implementation, not all the consumers are known and this model emphasizes the focus on the producer and Service Resource Flow.

Related procedures

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

Implementation

SvcV-6 can be represented using:

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

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

- A SvcV-6 spreadsheet report.

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

Each Resource Interaction listed in the SvcV- 6 table should be traceable to Operational Exchange listed in the corresponding [OV-3 Operational Resource Flow Matrix](#). Each Resource Interaction may relate to a known Function (from [SvcV-4](#)) that produces or consumes it. [SvcV-7 Services Measures Matrix](#) builds on the SvcV-6 and should be developed at the same time. Exchange Elements as well as the other type of Resource Interaction Items are exchanged by Service Providers and Service Requesters represented in SvcV-6 table ([DIV-2](#), [DIV-3](#)).

Related elements

- Service Access
- Resource Interaction
- Exchange Element
- Function
- System
- Software
- Capability Configuration
- Organization Type
- Person Type