

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.

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

Related procedures

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