

SvcV-7 Services Measures Matrix

Description

The SvcV-7 depicts the measures (metrics) of resources. The Services Measures Matrix expands on the information presented in a SvcV-1 Services Context Description by depicting the characteristics of the resources in the SvcV-1 Services Context Description.

In addition, this model is useful in support of net-centric (service-oriented) implementation of services. Service measures for Service Level Agreements for each service and may include number of service consumers, service usage by consumers, and the minimum, average and maximum response times, allowed down time, etc. Measures of interest for a Chief Information Office or Program manager may include measures that assess service reuse, process efficiency, and business agility.
















The intended usage of the SvcV-7 includes:

- Definition of performance characteristics and measures (metrics).
- Identification of non-functional requirements.













Implementation

SvcV-7 can be represented using:

- SvcV-7 Typical measures table.

#	Property Set	Measurements
1	 Search & Rescue Service	 Standard SAR Measurements : Standard SAR Measurements [*]
2	 Search & Rescue Service	 Standard SAR Measurements : Standard SAR Measurements [*]
3	 Maritime Search & Rescue Service	 Maritime SAR Measurements : Maritime SAR Measurements [*]
4	 Maritime Search & Rescue Service	 Maritime SAR Measurements : Maritime SAR Measurements [*]
5	 Search Node	 Land SAR Measurements : Land SAR Measurements [*]  Maritime SAR Measurements : Maritime SAR Measurements [*]
6	 Land Search & Rescue Service	 Land SAR Measurements : Land SAR Measurements [*]
7	 Land Search & Rescue Service	 Land SAR Measurements : Land SAR Measurements [*]

- SvcV-7 Actual measures table.

#	Property Set	Performance Requirement	Measure	Metric	Intention
1	 Maritime Search & Rescue Service	seaConditions	popple	 String	Actual
2	 Search & Rescue Service	weatherConditions	cloudy	 String	Actual
3	 Search & Rescue Service	searchCoverage	140000.0	 m	Estimate
4	 Search & Rescue Service	persistence	48.0	 hour	Required
5	 Search & Rescue Service	findTime	24.0	 hour	Required
6	 Land Search & Rescue Service	terrainType	land	 String	Required

- SvcV-7 actual measures spreadsheet report.

Related elements

- [Service Specification](#)
- [Measurement Set](#)
- [Actual Measurement](#)
- [Actual Measurement Set](#)
- [Measurement](#)

Related procedures

- [Creating SvcV-7 Typical table](#)
- [Creating SvcV-7 Actual table](#)
- [Generating SvcV-7 Actual table from SvcV-7 Typical table](#)
- [Generating document based reports](#)