

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 an 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 the net-centric (service-oriented) implementation of services. Service measures for Service Level Agreements for each service and may include a number of service consumers, service usage by consumers, and the minimum, average and maximum response times, allowed downtime, 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 [*]

- [Hierarchical Typical Measurements table](#)
- [Hierarchical Actual Measurements table](#)
- 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

- [Working with Typical Measurements table](#)
- [Creating Actual Measurements table](#)
- [Working with hierarchical Typical Measurements table](#)
- [Working with hierarchical Actual Measurements table](#)
- [Generating an Actual Measurements table from a Typical Measurements table](#)
- [Generating document based reports](#)