

SV-9 Systems Technology and Skills Forecast

Description

The SV-9 defines the underlying current and expected supporting technologies and skills. Expected supporting technologies and skills are those that can be reasonably forecast given the current state of technology and skills as well as the expected improvements or trends. New technologies and skills are tied to specific time periods, which can correlate against the time periods used in [SV-8](#) milestones and linked to capability phases.

The SV-9 provides a summary of emerging technologies and skills that impact the architecture.

The SV-9 provides descriptions of relevant:

- Emerging capabilities.
- Industry trends.
- Predictions (with associated confidence factors) of the availability and readiness of specific hardware and software systems.
- Current and possible future skills.

In addition to providing an inventory of trends, capabilities and systems, the DoDAF-described Model SV-9 also includes an assessment of the potential impact of these items on the architecture. Given the future-oriented nature of this model, forecasts are typically made in short, mid and long-term timeframes, such as 6, 12 and 18-month intervals.

The intended usage of the SV-9 includes:

- Forecasting technology readiness against time.
- HR Trends Analysis.
- Recruitment Planning.
- Planning technology insertion.
- Input to options analysis.

Implementation

SV-9 can be represented using a SV-9 table.

#	Technology area	 From: 2008-04-16 To: 2009-04-16	 From: 2009-04-16 To: 2010-04-16
1	 Helicopter	 Sikorsky S-61	 Sikorsky S92A  Augusta Westland 139
2	 Maritime Rescue Coordination Center Software		 Airwave
3	 Compas-Sarsat System Standard	 Beacon alert 243 MHz  Beacon alert 406 MHz  Beacon alert 121.5 MHz	 Beacon alert 406 MHz

The SV-9 DoDAF-described Model forecasts relates to the Standards Profile ([StdV-1](#)) in that a timed forecast may contribute to the decision to retire or phase out the use of a certain standard in connection with a resource. Similarly, SV-9 forecasts relate to the Standards Forecasts ([StdV-2](#)) in that a certain standard may be adopted depending on a certain technology or skill becoming available (e.g., the availability of Java Script may influence the decision to adopt a new HTML standard).

Related elements

- [Forecast](#)
- [Resource Artifact](#)
- [Software](#)
- [Capability Configuration](#)
- [Organization](#)
- [Post](#)
- [Protocol](#)
- [Standard](#)

Related procedures

- [Creating SV-9 table](#)