

Welcome to the twelfth lesson of the DoD Supply Chain Fundamentals module, Joint Supply Chain Architecture.

In this lesson you will learn to recognize the characteristics of Joint Supply Chain Architecture (JSCA).

You will be given an opportunity to test out of this lesson. If you pass the test question, you can decide to continue, or skip to the next lesson.

Which of the following is a characteristic of Joint Supply Chain Architecture (JSCA)?

- A Process improvements drive the JSCA methodology. >
- B The second phase concluded with each segment optimizing itself and positively impacting the end-to-end performance of the entire supply chain. >
- C The third phase contained its own customized metrics. >
- D The first phase included a developed architecture, direction and approval from senior stakeholders in the joint logistics community. >

**Feedback:**

The correct answer is "The first phase included a developed architecture, direction and approval from senior stakeholders in the joint logistics community".

In the previous lesson, you learned that the SCOR® reference model is required for application across DOD agencies. If you are not already aware of those efforts, you are probably wondering how it will be affecting your agency and who is in charge of managing it. This lesson describes a DOD initiative called the Joint Supply Chain Architecture (JSCA), which cuts across service and agency boundaries. Your familiarity with the characteristics described here will save you time with any task where you have to provide or extract information from the architecture.

### Learning Objective

- Recognize characteristics of Joint Supply Chain Architecture (JSCA).

In the previous lessons, you learned many characteristics of the SCOR® model. You shouldn't be surprised to learn that many of these same characteristics are also present in the Joint Supply Chain Architecture (JSCA) since it incorporates the SCOR® model. As you read through the description and characteristics, see if you can find anything in JSCA that is different from what you learned about the SCOR® model.

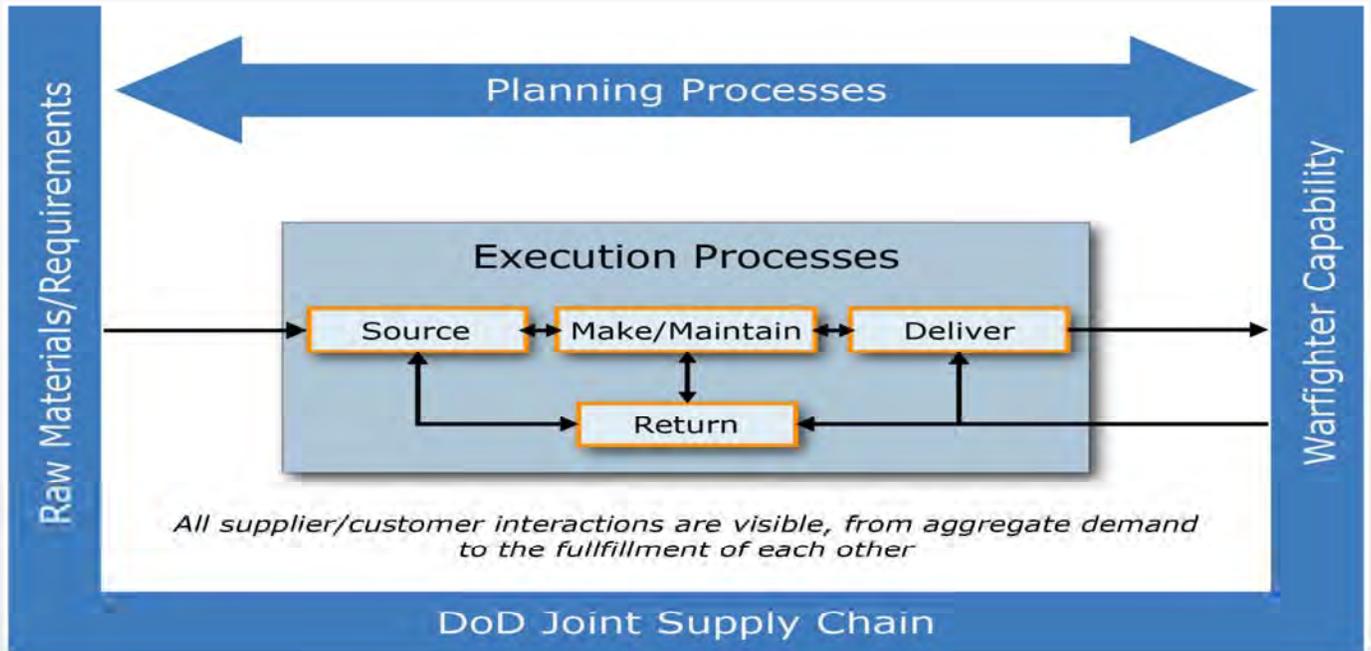
- The Joint Supply Chain Architecture (JSCA) is led by the OSD Logistics and Materiel Readiness and Joint Staff J4.
- Today's DOD supply chain is segmented with each segment striving to optimize itself without closely coordinating efforts to positively impact the end-to-end performance of the entire supply chain.
- The goal of JSCA is to change this paradigm by employing an enterprise wide, end-to-end perspective based on the SCOR® framework. This framework shall include a common, end-to-end measurement system.

- **The Joint Supply Chain Architecture (JSCA) is an important DOD initiative to improve or maintain materiel readiness at the best value to the government.**
- **It is led by the Office of the Secretary of Defense (OSD) Logistics and Materiel Readiness (L&MR) and the Joint Staff J4.**
- **The intent of JSCA is to improve the effectiveness and efficiency of the DOD's supply chain by spanning organizational and funding boundaries to employ an enterprise wide, end-to-end perspective with standard comprehensive performance measures.**

The JSCA defines an effective supply chain as a system that creates a balance among efficiency, responsiveness, and supply chain reliability. An efficient supply chain maintains customer confidence while continuing to be consistently responsive and reliable and delivers the required material in a cost-effective and timely manner.

### Two phases of the JSCA initiative have been successfully completed.

- The first phase developed the architecture and received direction and approval from senior stakeholders in the joint logistics community.
- The second phase executed a proof of concept that validated the JSCA methodology by providing insight into a weapon system supply chain's performance and configuration. This phase takes advantage of identified opportunities to enhance the weapon system's supply chain performance.

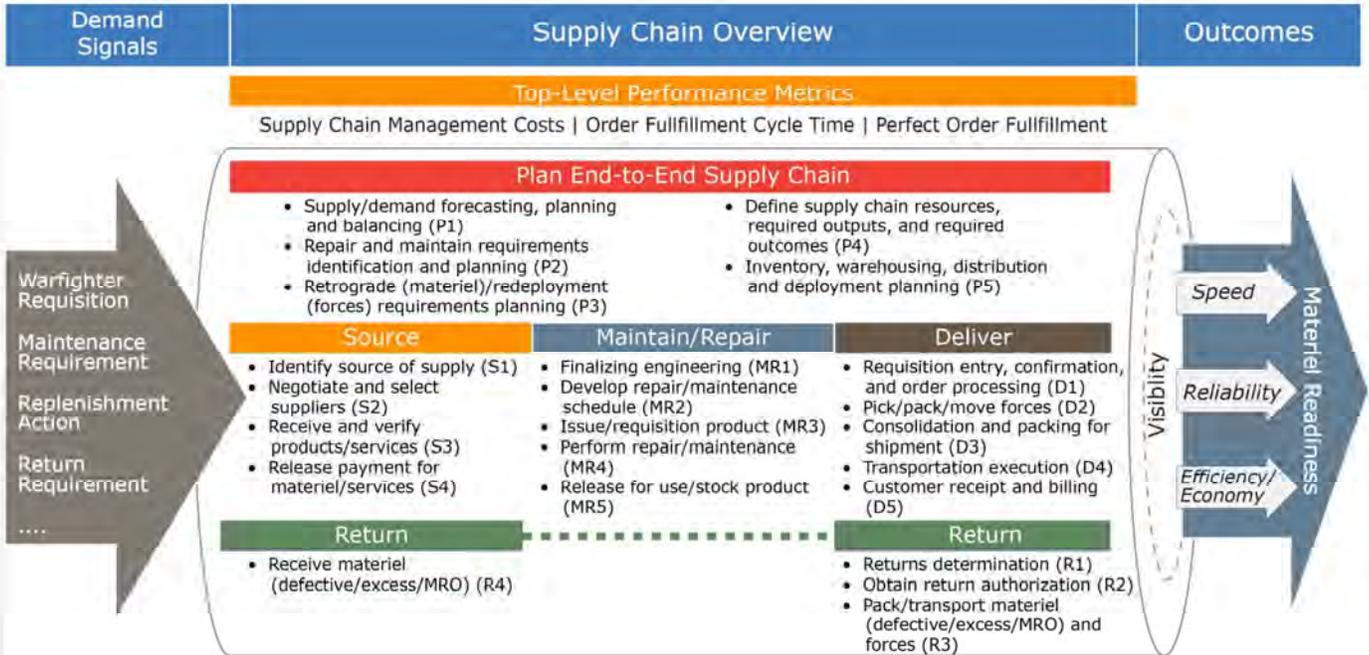


**JSCA is a DOD-wide SCOR®-based process model that clearly defines supply chain elements and links them to precise and reliable outcomes.**

- It looks across organizational and funding boundaries to improve supply chain effectiveness and efficiency.

**JSCA is a methodology that:**

- Drives process improvements.
- Enables informed supply chain decision-making.
- Facilitates communication and unity of effort across the DOD supply chain enterprise.



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## JSCA Project

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The JSCA project was initiated in July 2007, undertaken to institutionalize a common approach to end-to-end supply chain management.

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**Here is a summary of some key characteristics to recall about JSCA:**

- Includes a common, end-to-end, standard, comprehensive, measurement system.
- A methodology that drives process improvements.
- The first phase included a developed architecture, direction and approval. The second phase executed a proof of concept.

Which of the following is a characteristic of Joint Supply Chain Architecture (JSCA)?

- A Process improvements drive the JSCA methodology. >
- B Includes a common, end-to-end measurement system. >
- C Each segment strives to optimize itself. >
- D Each process contains its own customized metric. >

**Feedback:**

The correct answer is, "Includes a common, end-to-end measurement system."

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## Post-Test Introduction

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You have completed the learning portion of the Joint Supply Chain Architecture lesson. Next you will be given three attempts to demonstrate mastery of the learning objective.

If you fail all three attempts, you can still progress to the remaining lessons and graduate; however, you are encouraged to restudy the lesson to increase your understanding of the content.

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Which of the following is a characteristic of Joint Supply Chain Architecture (JSCA)?

- A The elimination of many intermediary organizations found in traditional distribution channels. >
- B The major focus remains on functional activities. >
- C A methodology that drives process improvements. >
- D A concentration on activities and other aspects of individual companies. >

**Feedback:**

The correct answer is, "A methodology that drives process improvements."

Which of the following is a characteristic of Joint Supply Chain Architecture (JSCA)?

- A Employs an enterprise wide, end-to-end perspective with standard comprehensive performance measures. >
- B Each segment strives to optimize itself. >
- C A commodity focus of item management. >
- D One supply chain network designed to serve all customer segments. >

**Feedback:**

The correct answer is, "Employs an enterprise wide, end-to-end perspective with standard comprehensive performance measures."

Which of the following is a characteristic of Joint Supply Chain Architecture (JSCA)?

- A Allocates the cost of overhead and support service activities to products based on volume.
- B Meets changing requirements with continental U.S.-based stockpiles and substantial maintenance capability.
- C Drives process improvements.
- D Plans strategically to decide upon inventory control points, repair depots and distribution depots.

**Feedback:**

The correct answer is, "Drives process improvements." This was your third and final attempt, but you will be allowed to progress to other lessons and graduate. [Review This Lesson](#)

In this lesson, you learned that JSCA is a DOD-wide SCOR®-based process model that includes a common, end-to-end, standard, comprehensive, measurement system. The model drives process improvements. In the next lesson you will learn the characteristics of these other SCOR®-based process models; Business Scope Diagram, the Geographic Map, Thread Diagram, and Workflow or Process Models.

Can you recall from a previous lesson which of the following is a reference adopted by DOD as a framework for managing orders with materiel management activities?

- [A MMAS \(Material Management and Accounting System\) >](#)
- [B Federal Materiel Management Desk Reference. >](#)
- [C SAP MM \(Material Management\): Complete Reference to Implementation / Customization >](#)
- [D SCOR®-based reference model >](#)

**Feedback:**

The answer is "SCOR®-based reference model."

You have completed the content for this lesson.

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