

**PROBLEM TITLE**

Technology for Supply Chain Management

BACKGROUND

The recently published Joint Military Net Assessment illustrates that the United States military advantage over its near peer competitors is eroding. Capability gaps exist across all domains, and while these gaps appear in a variety of war-fighting functions, all require a robust logistics network to ensure mission success.

The Joint Staff Innovation Group (JSIG) is embedded within the Force Structure, Resources, and Assessment Directorate of the Joint Staff at the Pentagon and works to identify solutions in order to fulfill critical gaps across all service branches. The JSIG would like to examine current and emerging technologies which could be used to fortify supply chain management and the logistics enterprise as a whole. Specifically, the JSIG is interested in understanding the potential roles of Robotics and Autonomous Systems as well as advancements in the Additive Manufacturing and Supply Chain Management spaces.

CHALLENGE

The Joint Staff Innovation Group needs to identify both government and industry- available technology for improvement of supply chain management in order to address current challenges of logistics in contested environments.

OPERATIONAL CONSTRAINTS

- Solutions to this challenge must incorporate technological advancements that can be implemented no later than 2025.

PROBLEM SPONSOR

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PROBLEM SPONSOR LOCATION

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