

- The proliferation of advanced anti-access/area-denial capabilities by adversaries that would degrade logistics capabilities and capacities
- Increasing cyber threats to joint and partner logistics networks and mission systems

The tension between increasingly demanding logistics requirements and constrained and degraded logistics resources within the context of globally integrated operations creates a dilemma that will be the essential challenge joint logistics will have to overcome for the foreseeable future. These trends have the potential to create a situation in which the disparity between logistics demand and logistics resources—the Logistics Gap—will demand a new conceptual approach to logistics.

### **The Solution: Globally Integrated Logistics**

This paper proposes the concept of Globally Integrated Logistics (GIL) as an exercise in thinking about the future. *GIL is the capability to allocate and adjudicate logistics support on a global scale to maximize effectiveness and responsiveness, and to reconcile competing demands for limited logistics resources based on strategic priorities.* This concept envisions an **adequately resourced JLEnt** providing **modularized** logistics support to **leaner joint forces** worldwide. An **agile global logistics resource allocation and adjudication capability** will coordinate and integrate all elements of the JLEnt via a **resilient and comprehensive information environment**. The GIL will manage logistics capabilities effectively, efficiently, and dynamically across theaters to reconcile constrained logistics resources with competing operational demands. A **rapid and flexible transportation system able to move forces and supplies quickly between and within theaters**, augmented by **prepositioned capabilities and stocks that can be shifted between theaters**, will operate through a **flexible worldwide network of logistics nodes**. That will provide multiple options for lines of communication through potentially challenged global commons and forward regions.

The precepts of Globally Integrated Logistics are:

- An adequately resourced logistics enterprise
- An agile global logistics resource allocation and adjudication capability
- A resilient and comprehensive logistics information environment
- Highly modularized and interoperable logistics capabilities.
- Leaner forces and operations