



# **The Joint Staff Director for Logistics (DJ4)**

**Lt Gen Duncan McNabb, USAF**

***ENHANCING JOINT WARFIGHTING  
THROUGH FOCUSED LOGISTICS ...  
INDUSTRY'S ROLE***

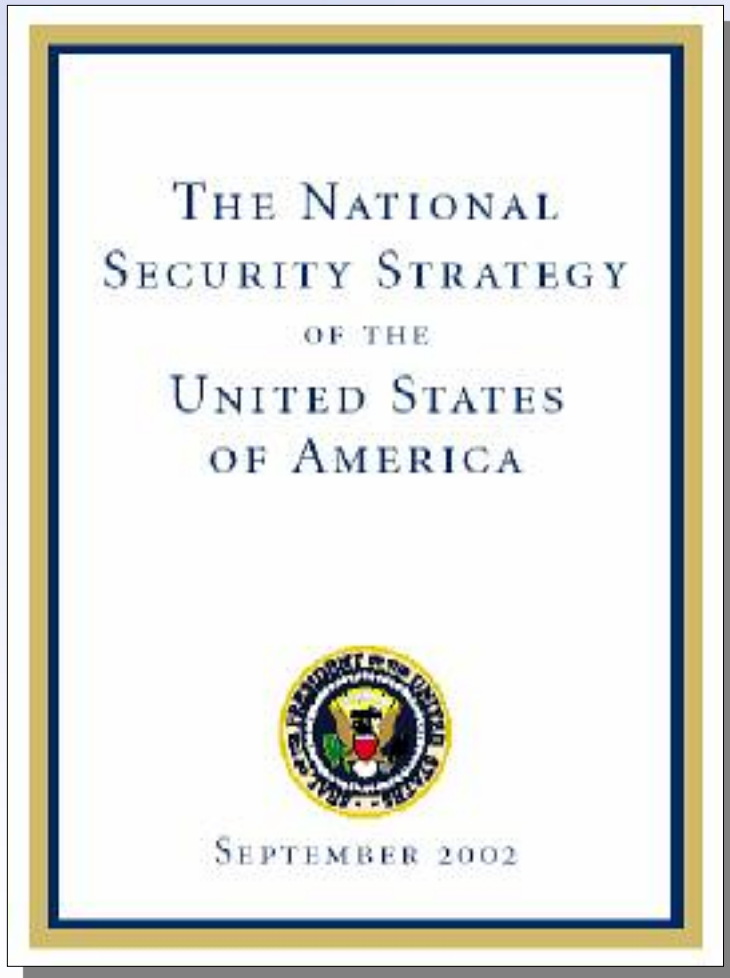
21st National Logistics Conference  
Wednesday, 2 March 2005

# Charting the Course

- **Strategic Context**
- **Joint Capability Integration**
- **Focused Logistics Campaign Plan**



# Building Logistics Doctrine



Defend the United States

1

Operate in-from 4 forward regions to assure, dissuade, and deter

4

Maintain a global force generation capability for surging to:

2

Swiftly Defeat an Adversary A

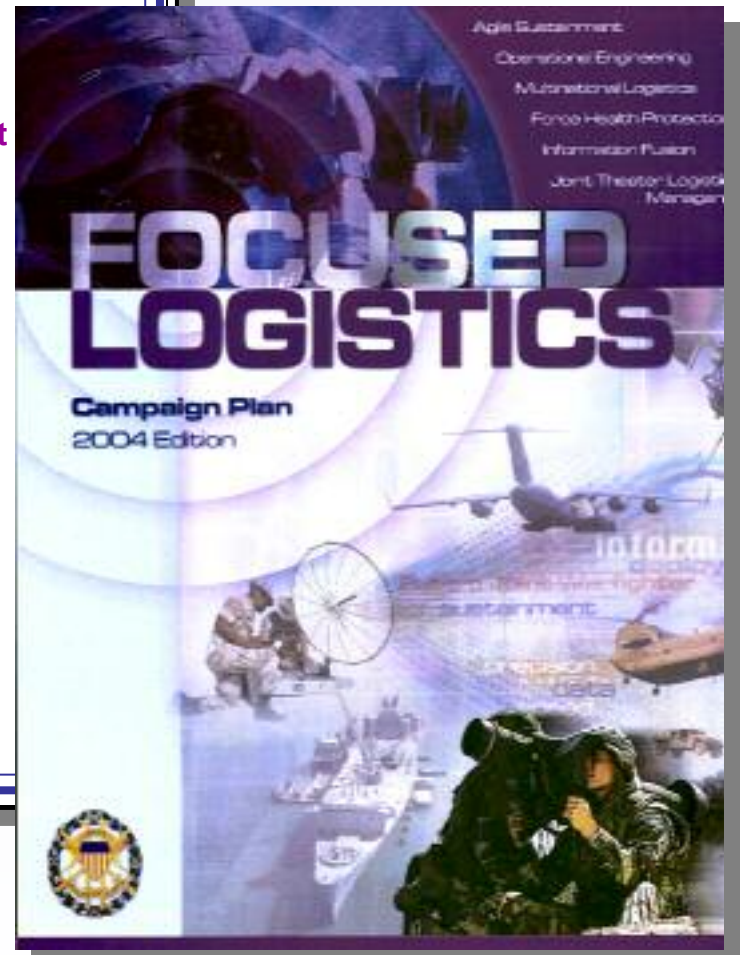
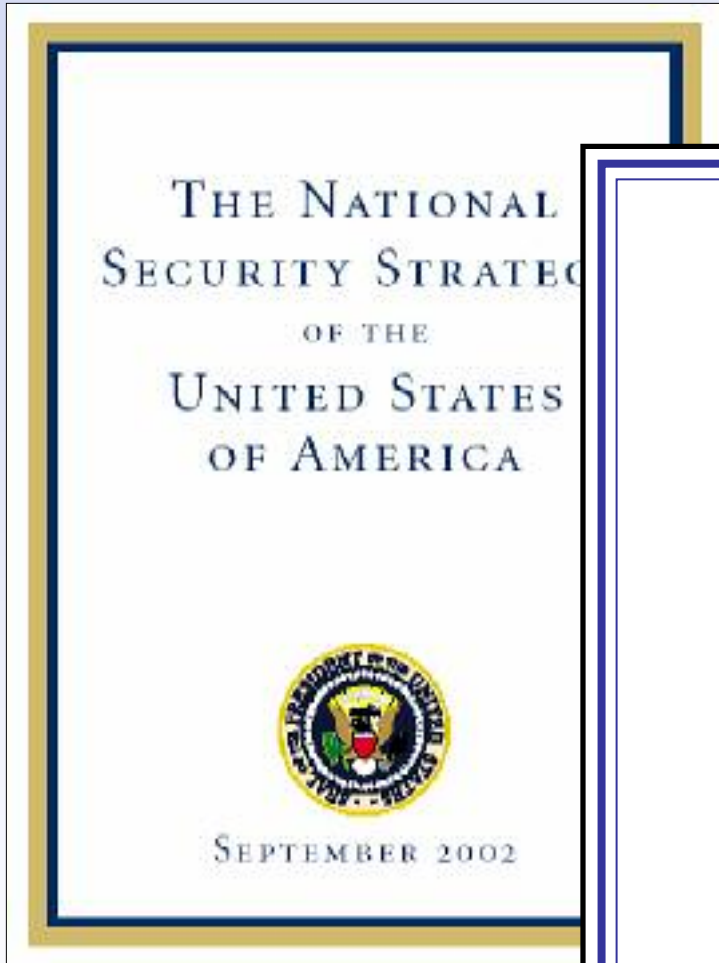
Swiftly Defeat an Adversary B

Win Decisively

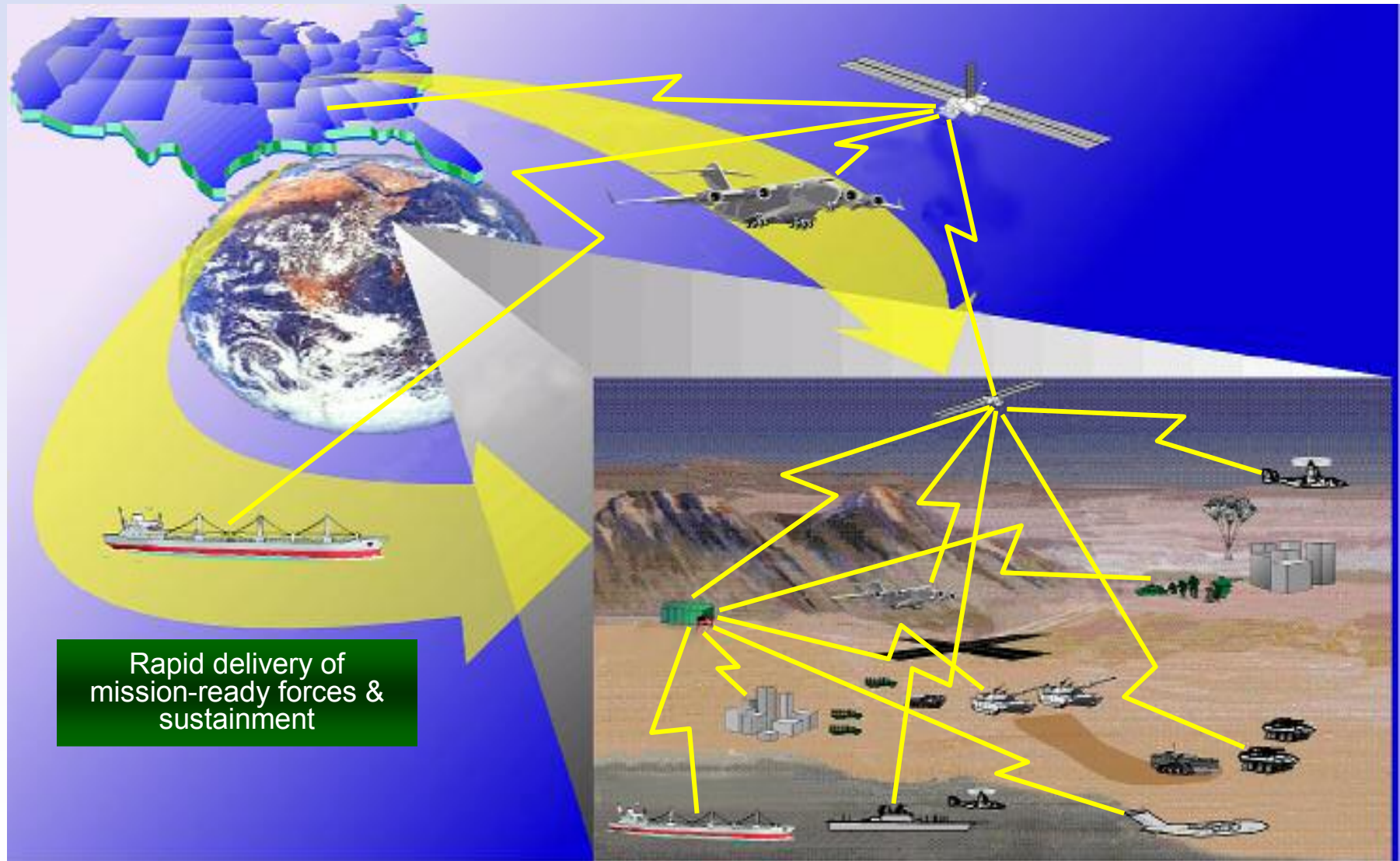
1

Lesser Contingencies

# Governing Logistics Doctrine



# An Operational View of Focused Logistics



# An Operational View of Focused Logistics

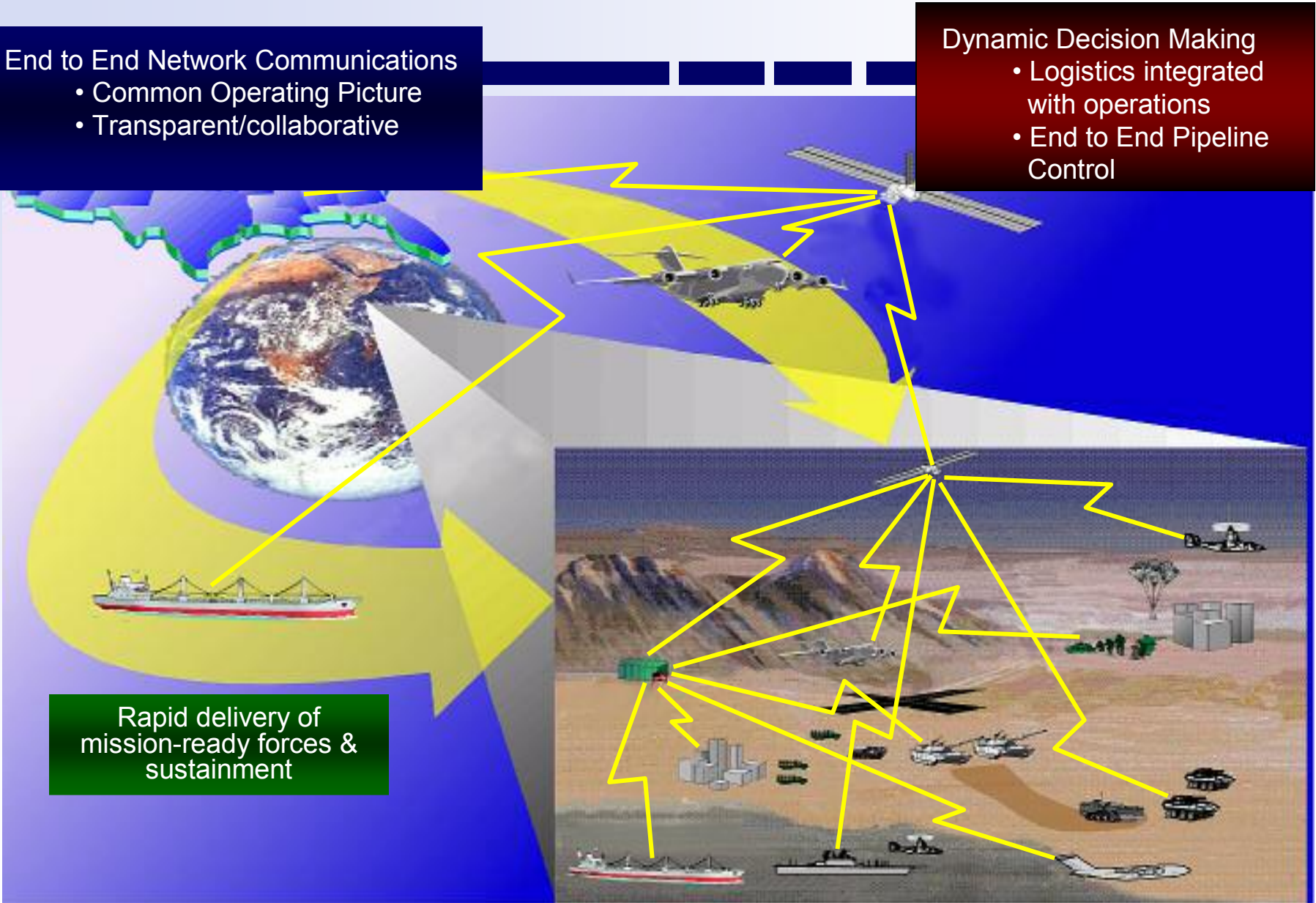
## End to End Network Communications

- Common Operating Picture
- Transparent/collaborative

## Dynamic Decision Making

- Logistics integrated with operations
- End to End Pipeline Control

Rapid delivery of mission-ready forces & sustainment



# An Operational View of Focused Logistics

## End to End Network Communications

- Common Operating Picture
- Transparent/collaborative

## Dynamic Decision Making

- Logistics integrated with operations
- End to End Pipeline Control

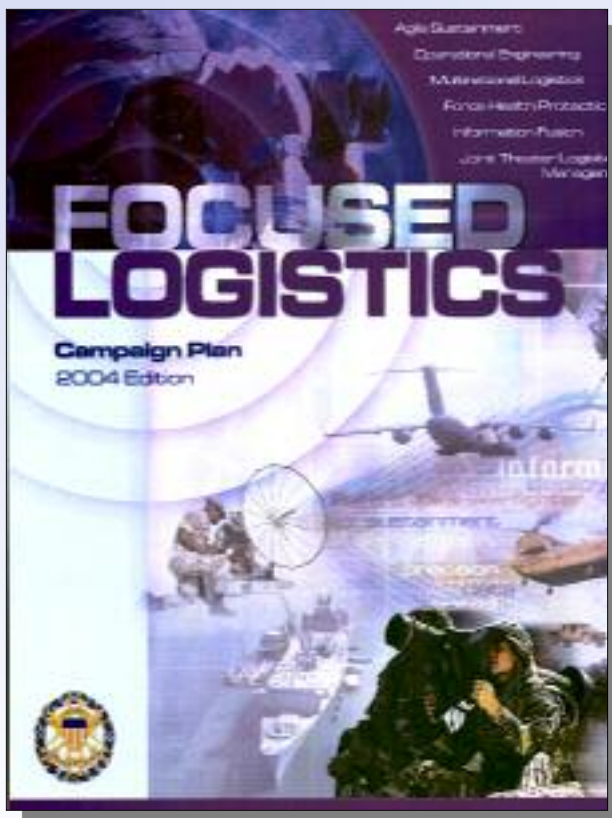
Rapid delivery of mission-ready forces & sustainment

**Bottom line:**

**Effective, Reliable, Affordable**

Reduced inventory, smaller footprint, faster response

# Shaping the Future ... a Capability-based approach



Comprehensive, integrated approach for achieving full spectrum support for the future joint warfighter

## Major Sections

- Building Blocks
  - Logistics Transformation
  - Future Logistics Enterprise
- Capabilities
  - **Joint Deployment/Rapid Distribution**
  - **Joint Theater Logistics Management**
  - **Agile Sustainment**
  - **Operational Engineering**
  - **Information Fusion**
  - **Multinational Logistics**
  - **Force Health Protection**
- Joint Logistics Experimentation
- Keeping Focused Logistics on Track



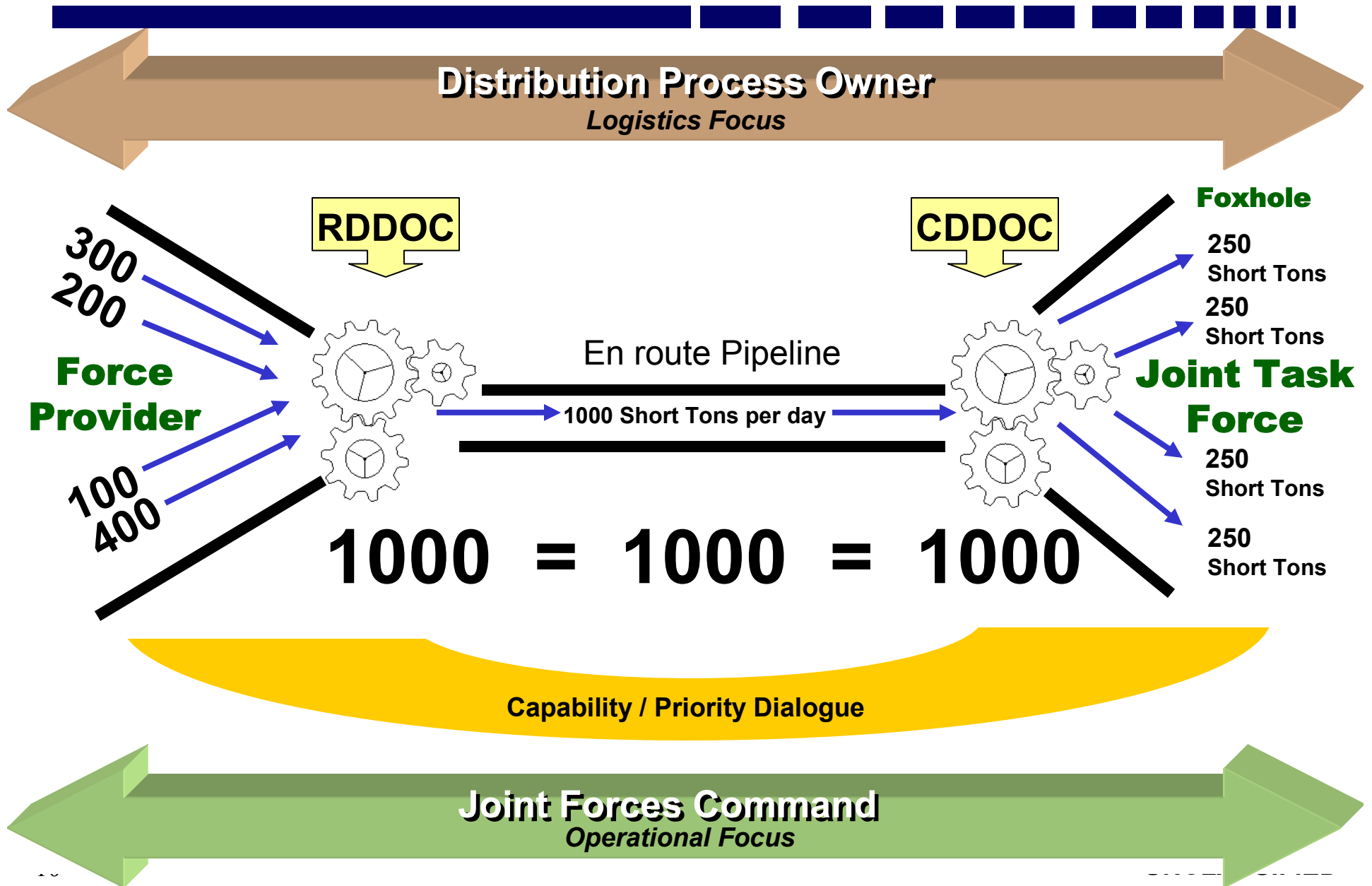
- DPO/JDPO Integration
- Joint Theater Logistics
- Information Fusion

# Joint Deployment / Rapid Distribution

... rapidly delivering combat forces to the joint  
force commander & linking operating forces with  
viable sustainment systems



# Optimizing Distribution Flow



# Strategic Mobility Requirements

## Global Mobility for a Global Campaign



**Airlift**



**Prepositioning**



**Sealift**

**Strategic Mobility Capability**



**Enroute  
Infrastructure**



**Intermodal  
Enablers**



**Emerging  
Technologies**

UNCLASSIFIED

# Mobility Capability Study

---



**... assessing end-to-end,  
full spectrum mobility needs  
for all aspects of the  
Defense Strategy**

- **Quantifying required mobility capabilities**
- **Identifying gaps, overlaps, alternatives, & way to mitigate risk**

✓ DPO/JDPO Integration

• Joint Theater Logistics

• Information Fusion

# Joint Theater Logistics

... giving the joint force commander  
the ability to

synchronize, prioritize, direct,  
integrate, and coordinate

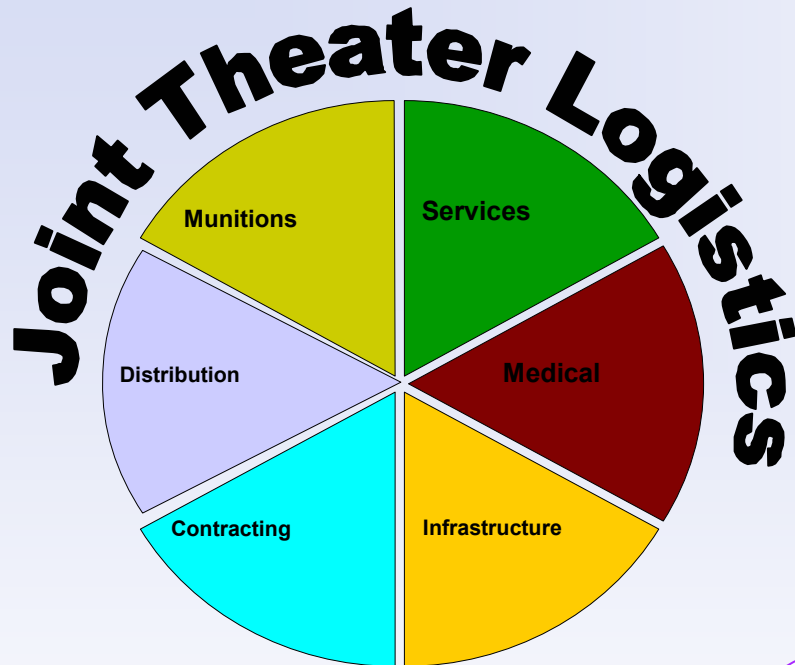
cross-service logistics functions

Logistics Community Priority:

Build Consensus &  
*Move Out on JTL*



# Joint Theater Logistics (JTL)



Armor Fusion



Tsunami Relief



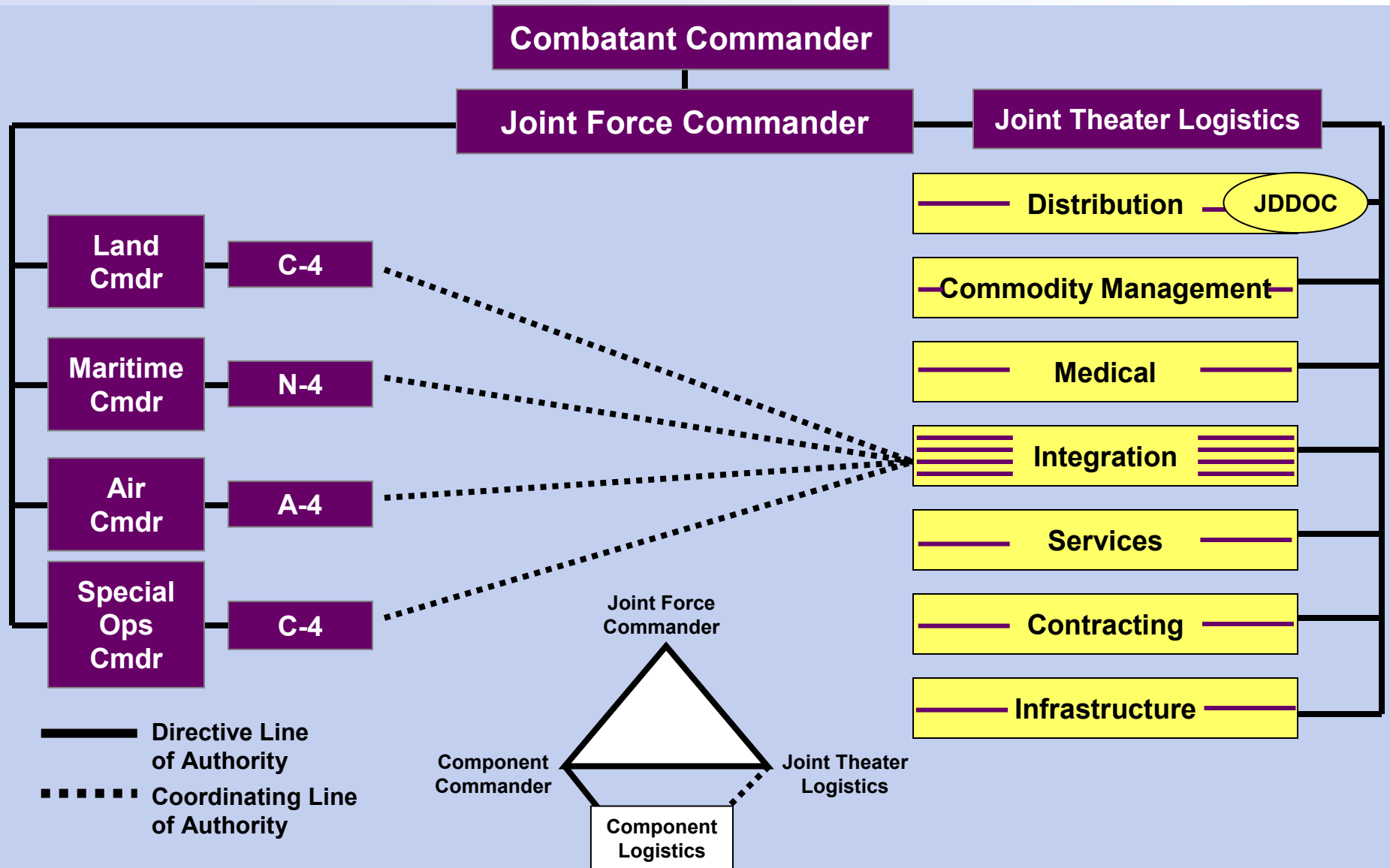
Title 10 USC  
Section 164



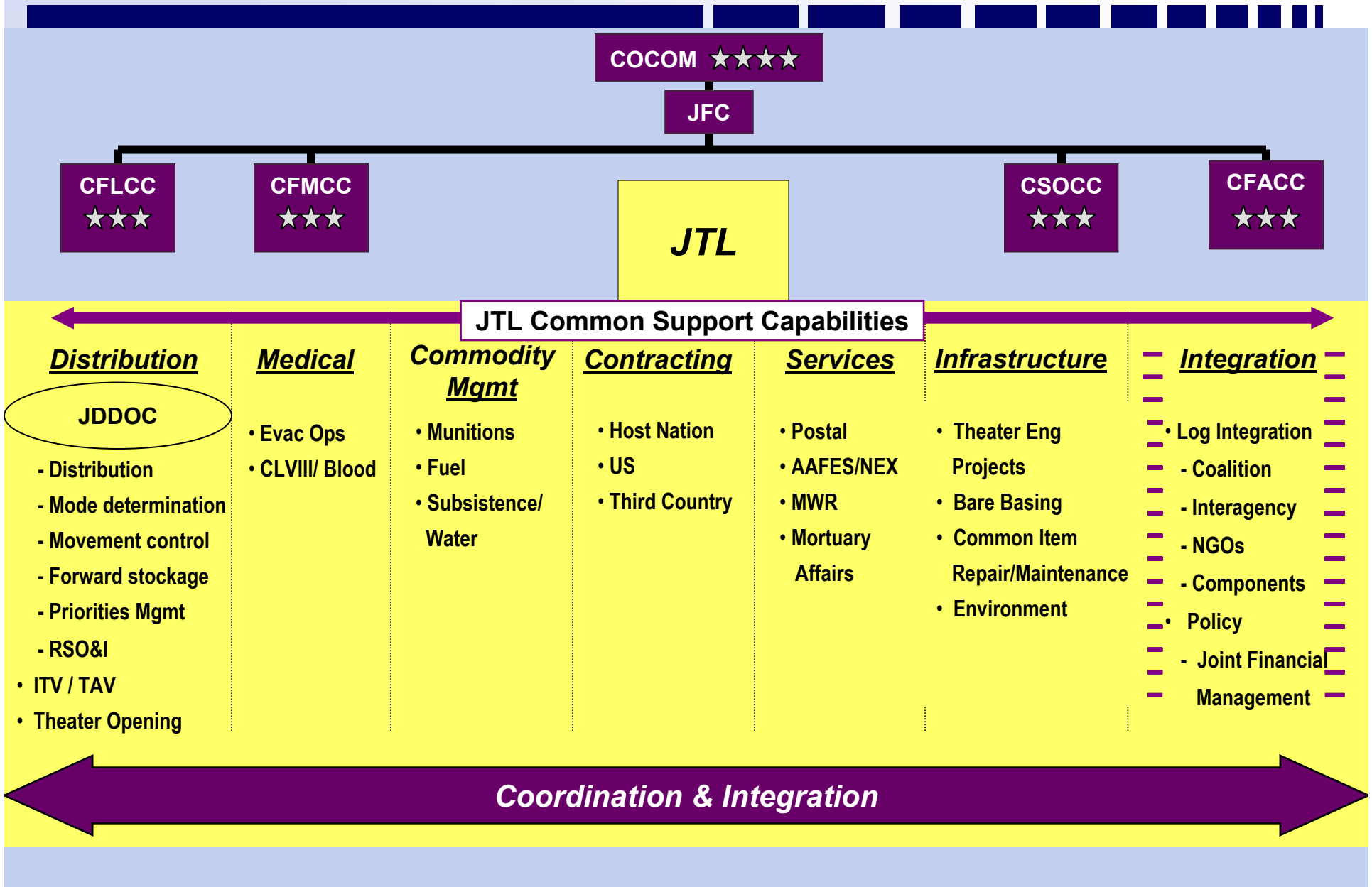
- ✓ See the flow of sustainment & forces
- ✓ Integrate, prioritize & synchronize
- ✓ Collaboration among joint, interagency & multinational partners

JTL is capability to exercise directive authority for logistics

# JTL Purpose and Functions

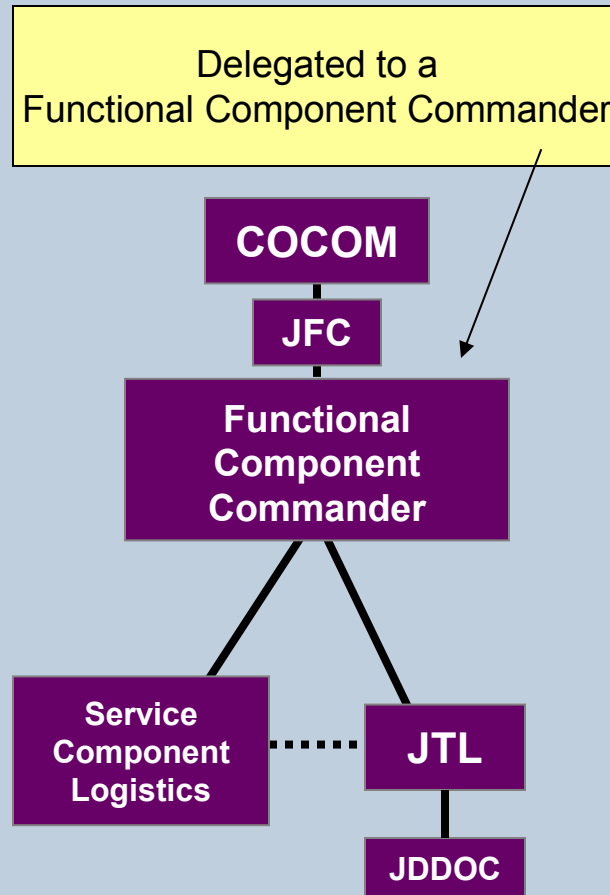
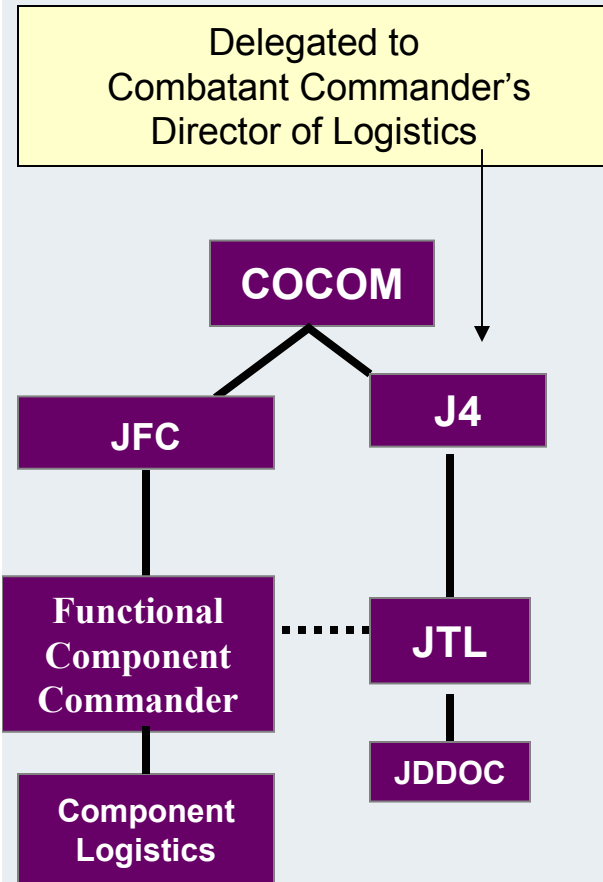


# JTL Purpose and Functions: Peace, War; Swiftly Defeat in Large Scale Operations

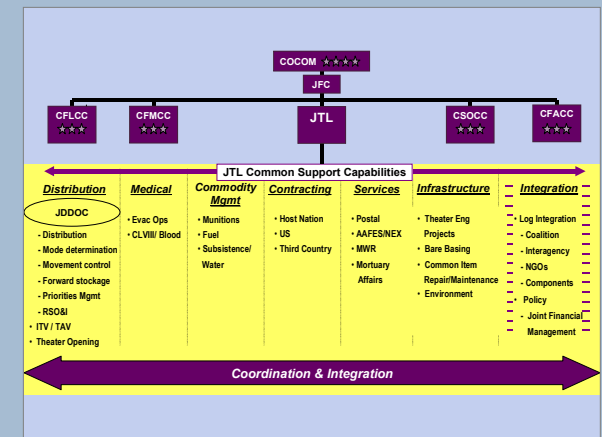




# Assignment of Joint Theater Logistics



JTL directive authority delegated to a Logistics ☆☆ /☆☆☆



— Directive Line of Authority  
 - - - - - Coordinating Line of Authority

***COCOM can tailor to meet the situational need***

# Information Fusion



... providing logisticians  
and operators a  
*common operational picture*  
that offers reliable  
asset visibility &  
access to logistics resources.

# In-Transit Visibility Initiatives

- US released RFID policy mandating
  - Data-rich tags for in-transit visibility throughout DoD
  - Suppliers apply passive tags at lowest possible level (part/case/pallet) – Jan '05
- US/UK jointly proposed that NATO adopt RFID for consignment tracking
  - NATO currently studying proposal and planning an RFID pilot in support of Afghanistan by NATO contributing nations



## *Sense and Respond ... a performance enhancer*



**Sensors monitor systems onboard a NASCAR  
in order to minimize time in the pit.**

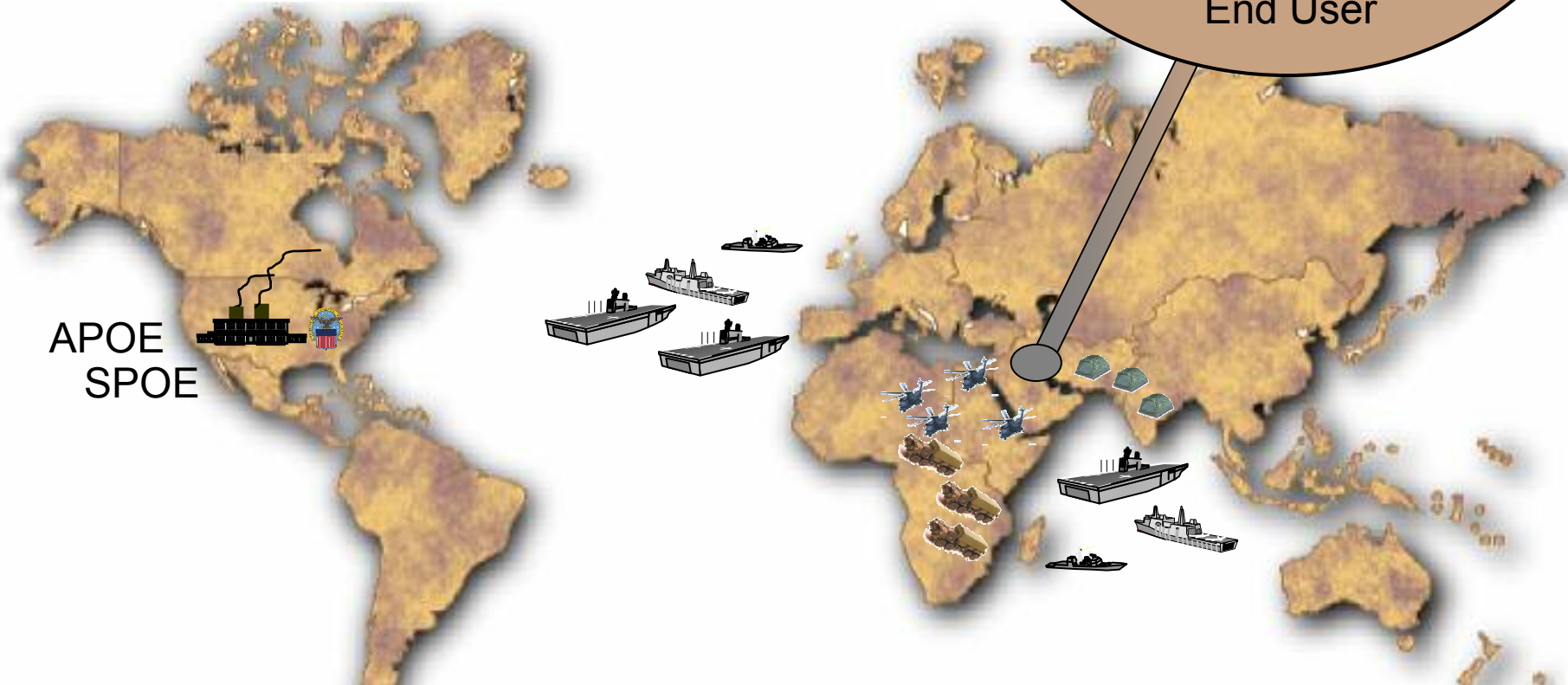
***Time = Winning = Money***

# Applying Sense and Respond in *Focused Logistics*

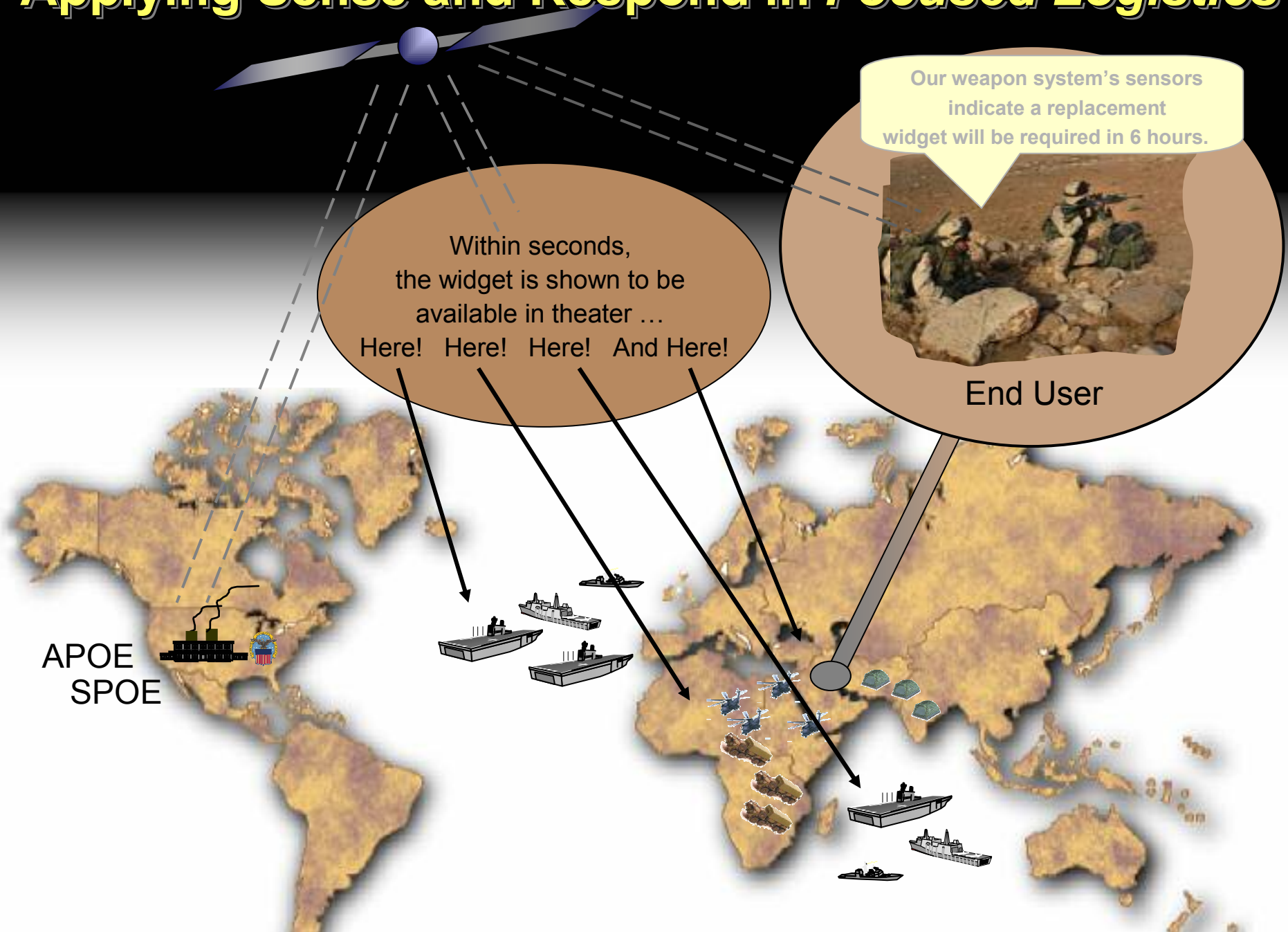
Our weapon system's sensors indicate a replacement widget will be required in 6 hours.



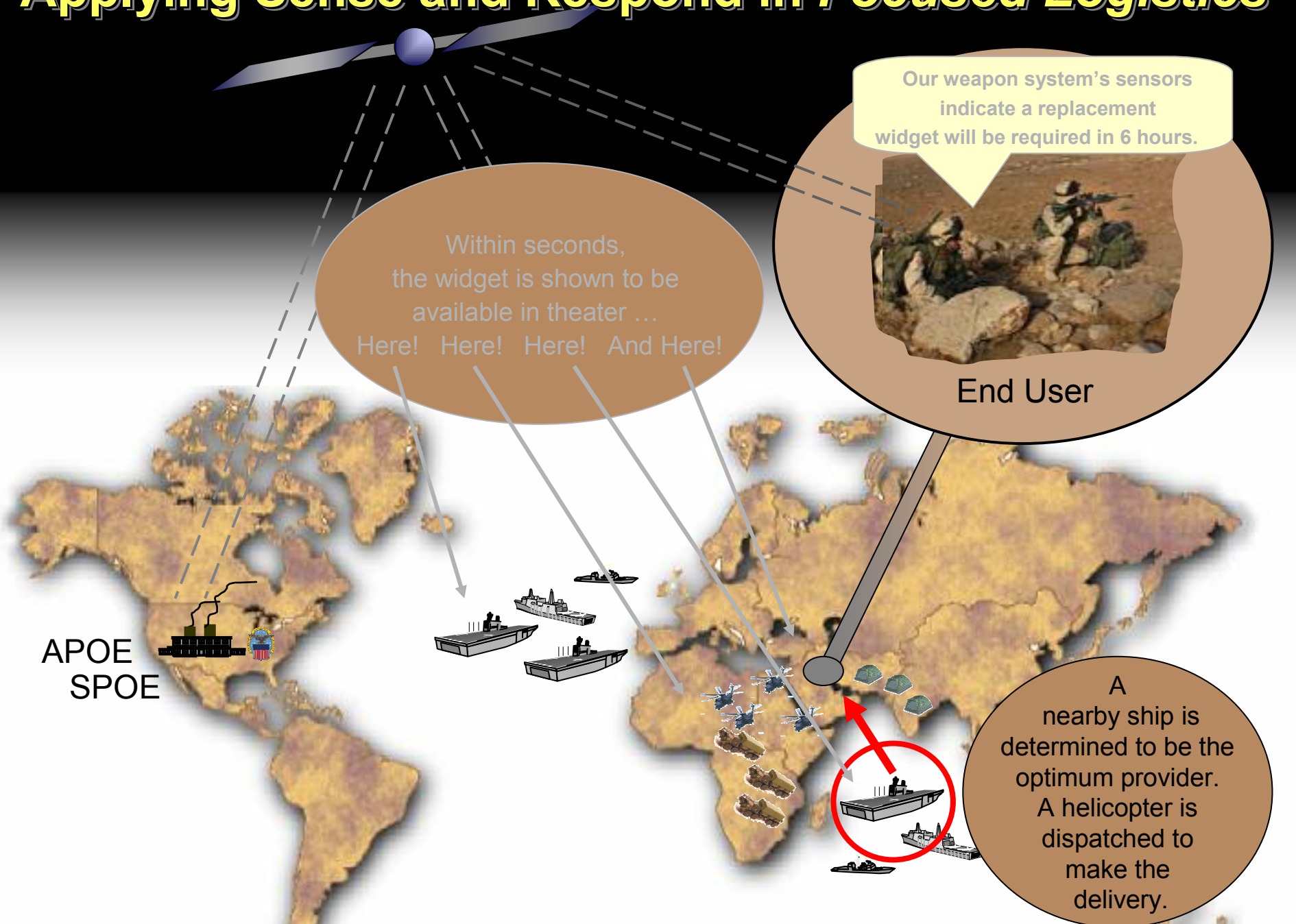
End User



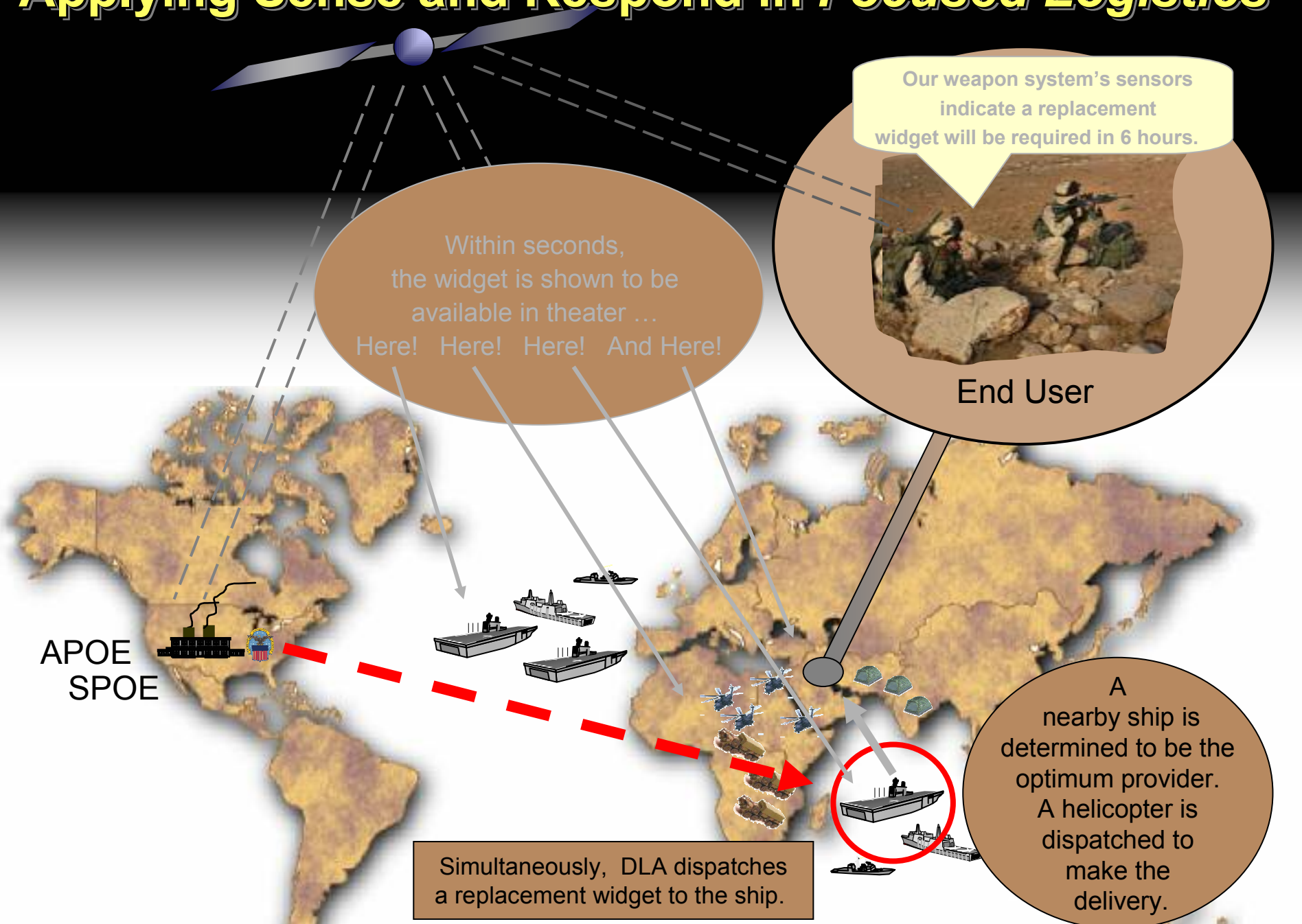
# Applying Sense and Respond in *Focused Logistics*



# Applying Sense and Respond in *Focused Logistics*

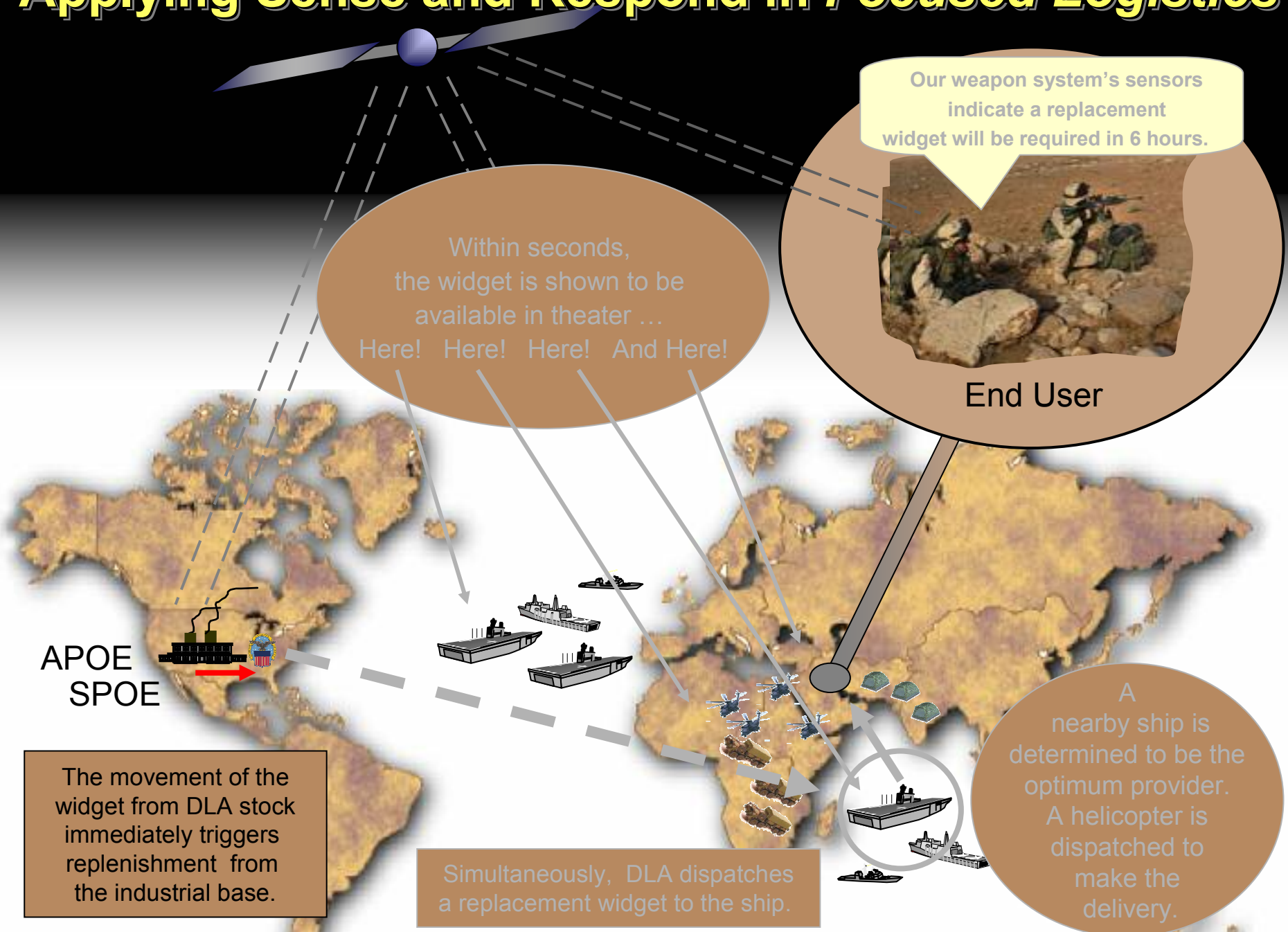


# Applying Sense and Respond in *Focused Logistics*

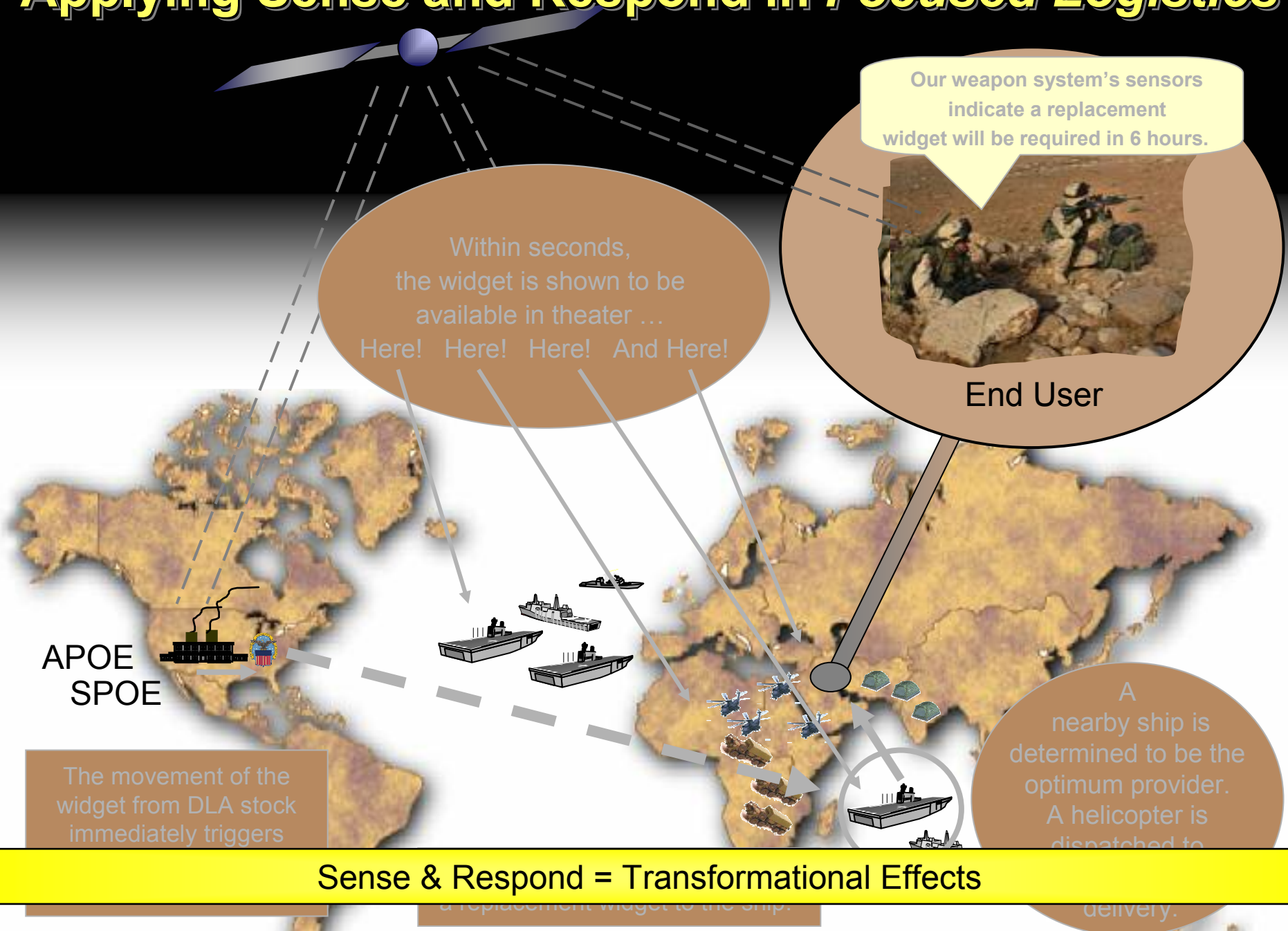




# Applying Sense and Respond in *Focused Logistics*

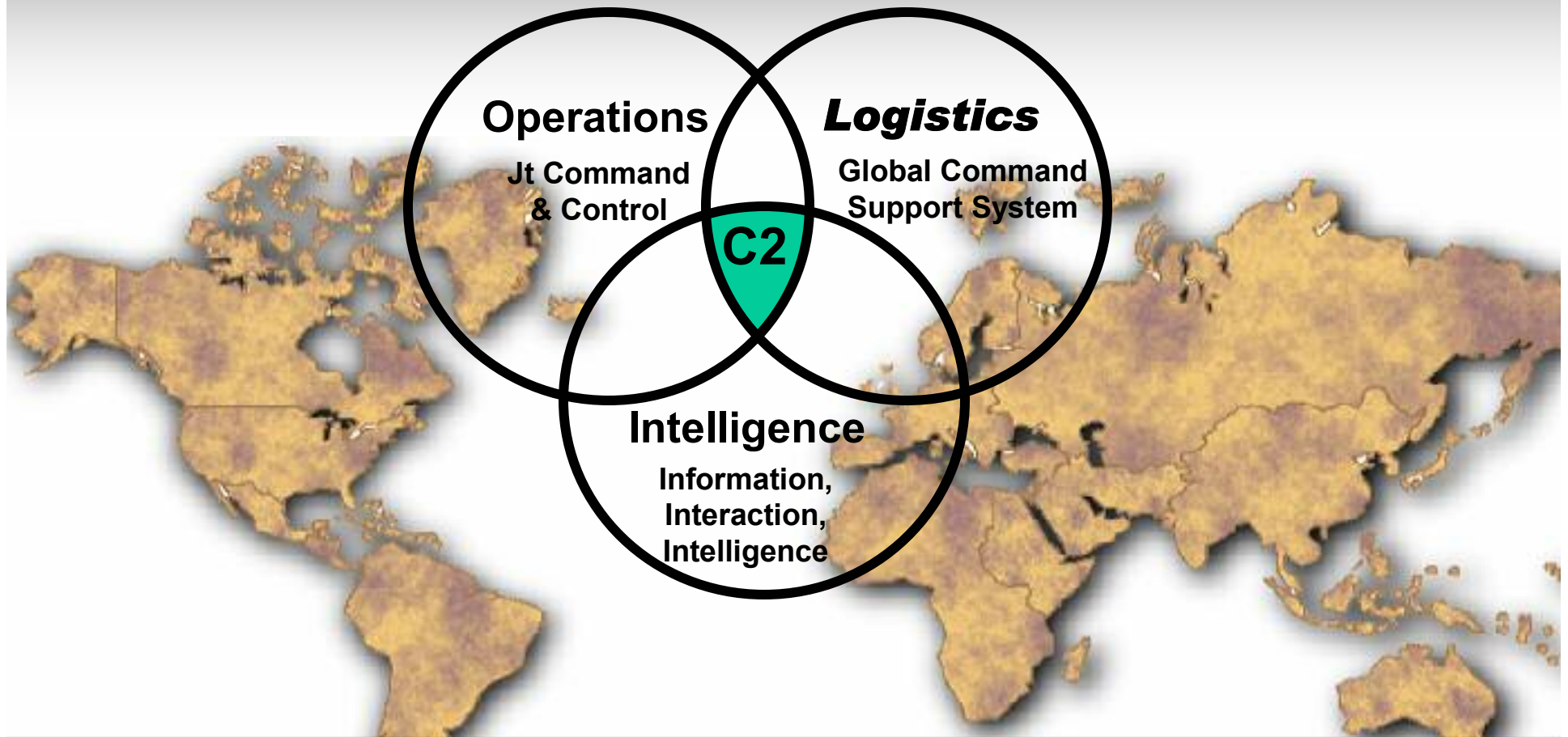


# Applying Sense and Respond in *Focused Logistics*



# GCSS – the Logistics Linkage for Joint C2

Close link between command and control and combat support



One fused picture of logistics for analysis and execution

# Wrap up ... Where We Are Going

**Building logistics capabilities that are:**

- **Fully Integrated**
- **Expeditionary**
- **Net centric**
- **Decentralized**
- **Adaptable**

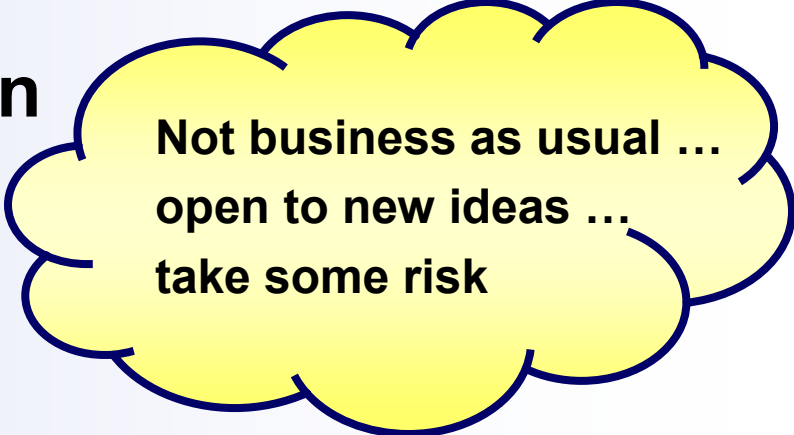


**Fully Enabled by  
Dynamic Decision Making**

Industry's Role

## Industry ... Your Role

- **Compress the Supply Chain**
- **Reduce Cycle Time**
- **Dynamic Decision Making Tools**
- **Embrace Performance Based Logistics**
- **Leverage Public-Private Partnerships**



Not business as usual ...  
open to new ideas ...  
take some risk

**Attributes for Logistics Success -- Effective, Reliable, Affordable**

***Questions?***