

# 2006 Department of Defense Maintenance Symposium and Exhibition



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ADUSD (Materiel Readiness & Maintenance Policy)



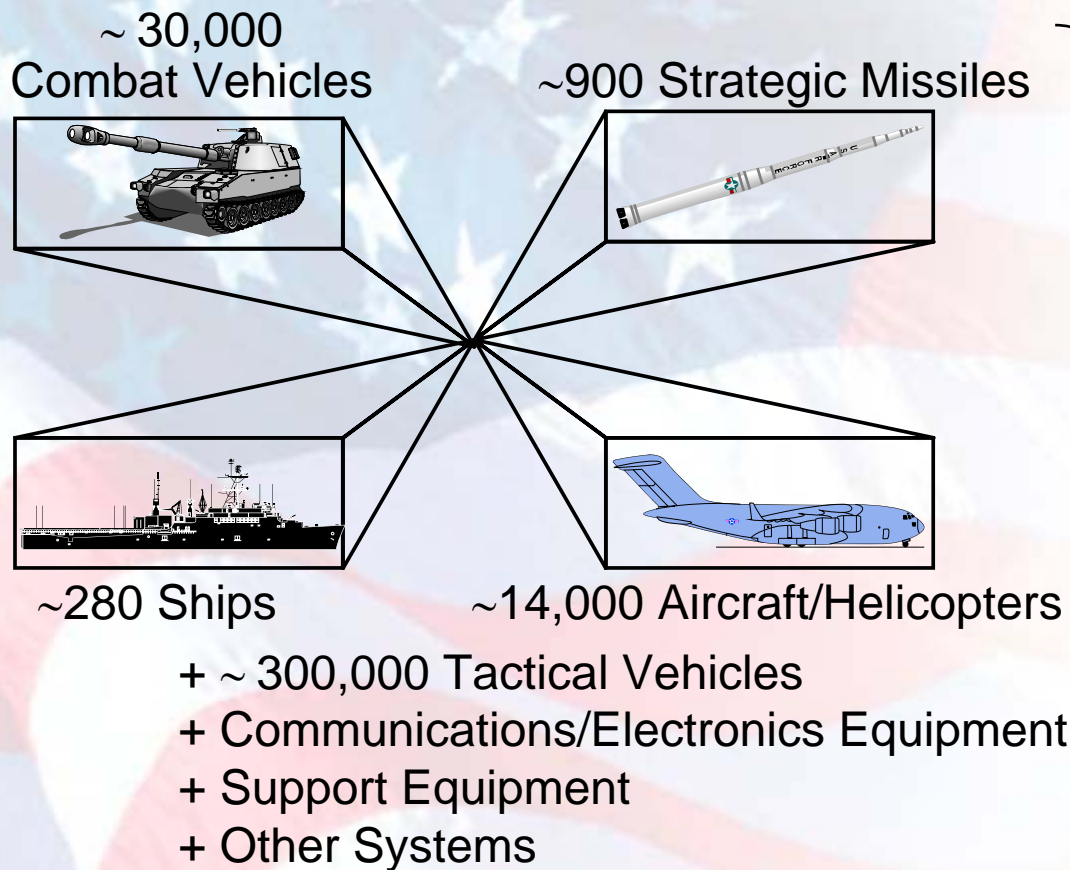
SECRET  
TASK FORCE  
1-21 INFANTRY

**No US Casualties**

- Blast evolved the right hull, but was repairable
- Vehicle was up in 24 hours



# Systems Supported by DoD Maintenance



*Maintained by:*

- 659,000 DoD personnel
- Private sector companies

*Maintenance cost:  
~\$81 billion (FY05)*

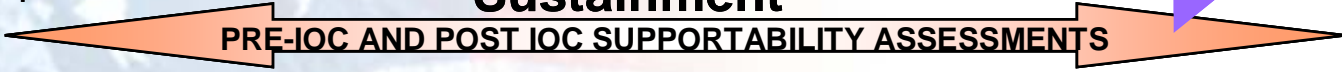
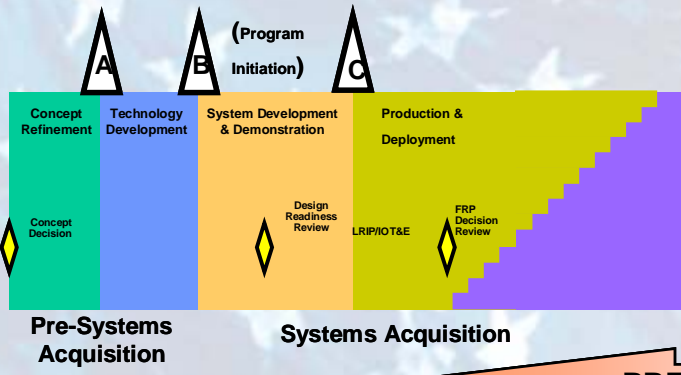
**DoD's military equipment is valued at ~\$300 billion**



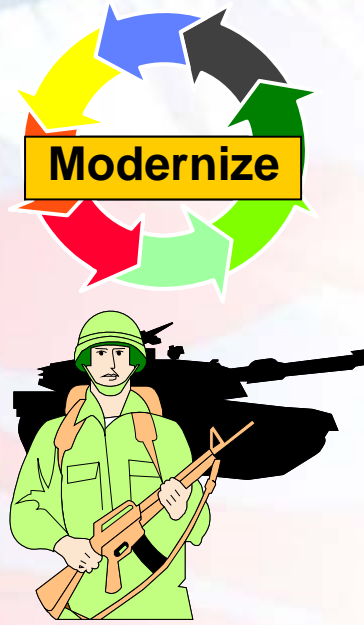
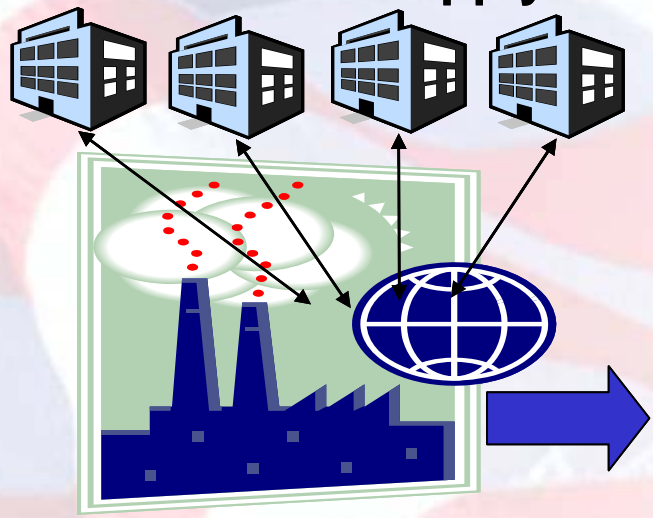
# Materiel Readiness Life Cycle Framework from the Warfighter View

65-80% of the Life Cycle Cost

## Operations & Support Sustainment



### Sources of Supply



- ### Sustaining the System
- Ready Available Safe Assets
  - 24/7 Availability
  - Reliability & Maintainability
  - Affordable Weapon Systems
  - Obsolescence/Tech Refresh
  - Reduced Footprint
  - Logistics Chain Reliability
  - Logistics Chain Effectiveness
  - Logistics Chain Cycle Time
  - Retrograde Management
  - Production Flexibility



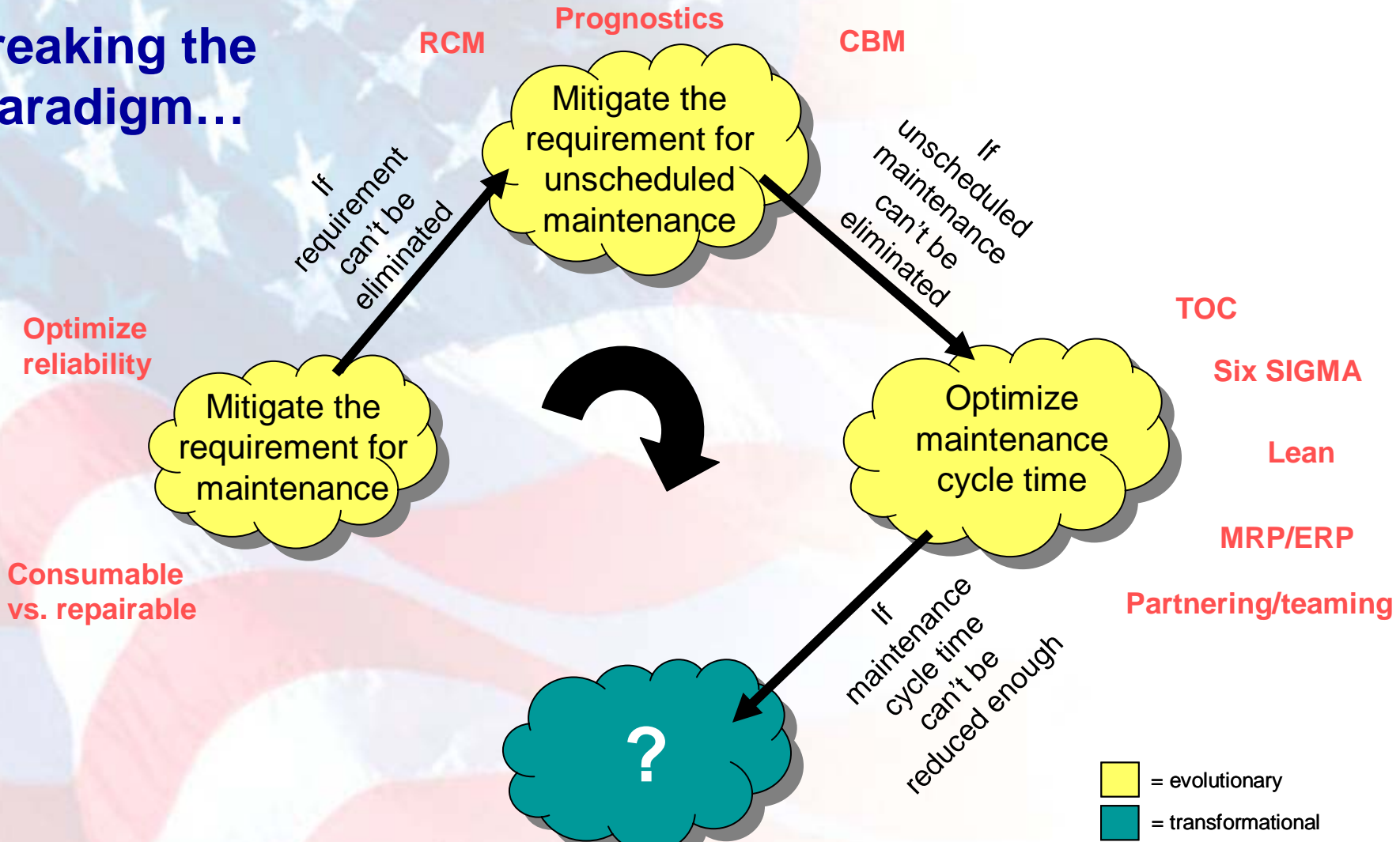
# Maintenance: Key Leverage Point in DoD's Materiel Readiness Value Chain





# 21<sup>st</sup> Century Sustainment Challenge

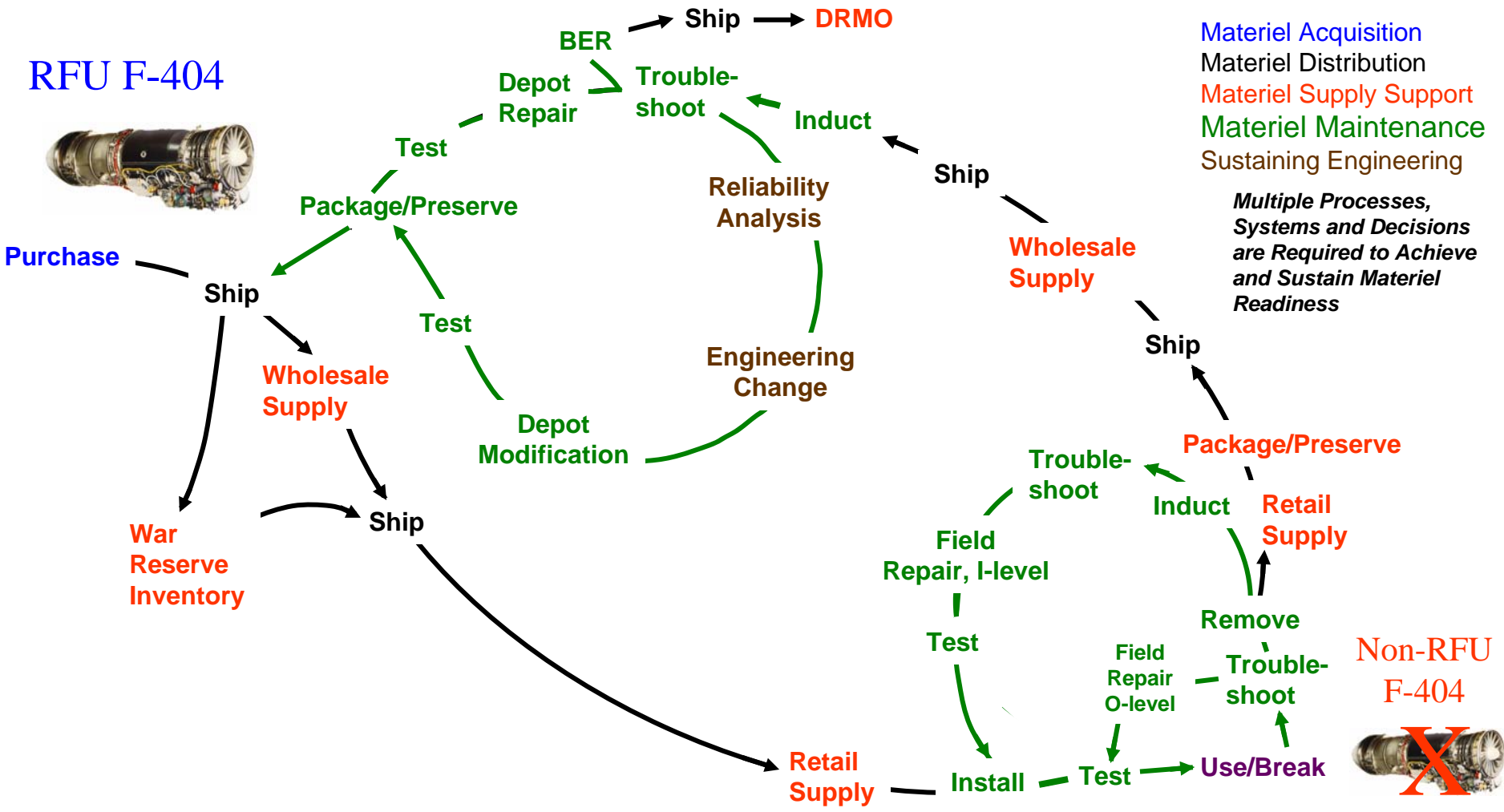
## Breaking the Paradigm...





# Maintenance is the Engine that Drives Sustainment Value Chain Integration

RFU F-404



684 F/A-18 A-D Aft; 1368 F-404 Firewalls

