Solving DMSMS
An Industry Perspective

11 July 2006
Scope of the Problem

• **Obsolete Number of Part Numbers Reported**
  - 2005: Nearly 50,000
  - Increase of approx 15K from 2004 and 25K from 2003
  - Culmination of 325,000 parts numbers since 1997

• **Potential Financial Impact: up to $10B per year**

• **Average Microcircuit Life Span is about 10 years**
  - Some components are as little as 18 months
  - Versus weapon system life cycle greater than 30 years

• **Sporadic information flow between Government and Industry**
  - Disaggregated governance

“Effective, Proactive DMSMS Mgt Process is critical to … ready systems … in line with TLCSM and PBL tenets”  DMSMS Guidebook

* Source: DoD
The Life Cycle Triangle

Managing Performance Across the Life Cycle
Performance Based Logistics

Delivering Capabilities NOW!

H-60

F-117

HIMARS

Javelin
Acoustic Rapid COTS Insertion (ARCI)

**System Parameters Monitored and Logged**
- SILC™
- Preplanned / On-Demand System Information Transfer (ROHMS)

### Response Processes Initiated
- Supply Requisition Generated
- Maintenance Action Identified
- Support Team Action Issued
- Feedback to Operator
- Feedback to Design

### Autonomic Logistics Model
- Sense
- Respond
- Optimum and Timely Pier Side Support
- Intelligent Agents and Response Process Triggers

**Automating System Information Gathering, Transfer, Response and Feedback**
We Need Your Help

- **Industry**
  - Proactively manage DMSMS
  - Take responsibility for your platforms
  - Employ GIDEP

- **Government/Industry**
  - Develop joint solutions
  - Build on consortium solutions

- **Government**
  - Demand performance
  - Build contractual relationships that foster outcomes
Cultural Barriers is a politically correct disease, invented by consultants to justify high fees and adopted by some in DoD as an excuse for a lack of leadership and courage!