

Enterprise Logistics



- Primarily Performance Based Logistics Contracts Today to Support LM Weapon Systems and Commercial
- Includes Command and Control Systems for Logistics Processes
- Moving Towards Total Sustainment of Systems that Comprise Both LM and other OEM Components, Involving Automated Supply Chain Management, Maintenance Free Operating Period Design, Distance Support and Total Asset Visibility

Design to Disposal™ Intelligent Logistics Architecture



Prognostics &
Health Mgmt
Sensor Algorithms
Condition
Based Maintenance
Process

Maintenance Assist

- •Web-enabled distance support ~ NavalSupport.com
- •Field rep maint. Ass't application ~ eLert
- Distance training ~ IETM

Intelligent Supply Chain Management ~ SCM Command Center

- 1. Electronically accept requisition (MILSTRIP, EDI, ...)
- 2. Query CM data base to validate correct part is being ordered
- 3. Validate software compatibility
- 4. Determine Safe Stocking Level
- 5. Contact 3PL for shipment and TAV
- Validate delivery and carcass return

Creates demand

"O" Level

Maint, Action

Update Real-Time
Demand Forecast &
Adjust inventory buys
& Schedules

Failure Analysis ~ SILC

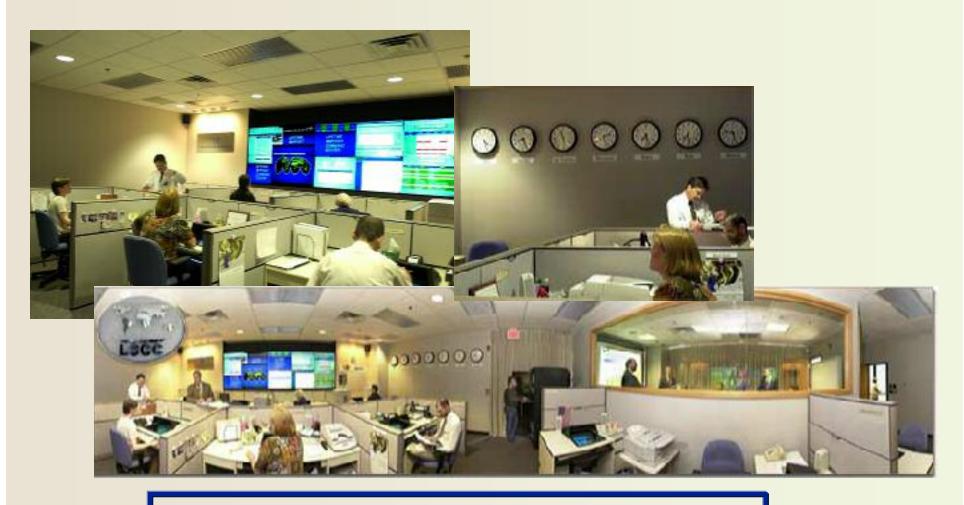
- trending
- training related
- engineering related
- process related
- ·Single problem or trend
- Root cause analysis
- Correct IETM
- Hardware/Software ECP
- Process Change



Autonomous & Intelligent Design to Disposal Management & Control of Maintenance, Engineering, CM, Training, Field & Distance Support, Supplier/Repair, Warehouse, Inventory, Transportation, PHM, Government Interfaces & Portals

Lifetime Support Command Center (LSCC)

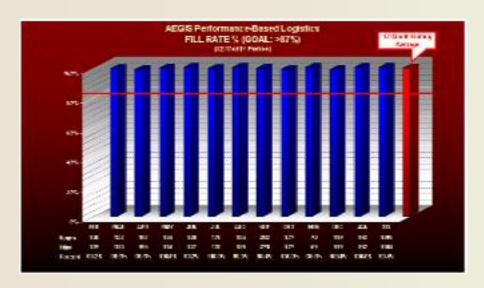


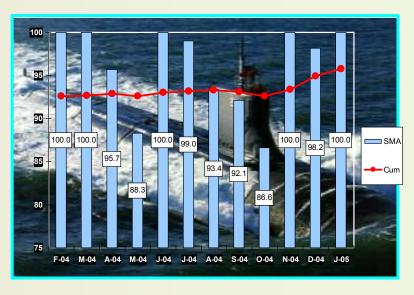


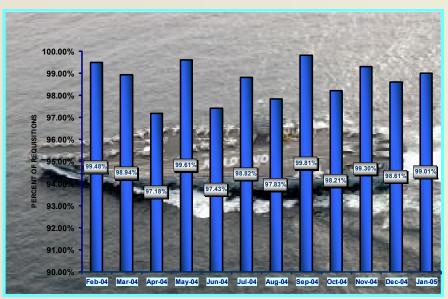
Our Command Center is in use TODAY

PBL Performance in OEF/OIF









Reverse Logistics



Call 1-866-686-0060
From anywhere in the WORLD

Combining the Best Commercial and DOD Processes













Total System Support Responsibility From Systems to "Systems of Systems"



Base of In-Place System Level Lifetime Support & Performance Based Logistics Contracts

Surface Combat System Related

- AEGIS Lifetime Support ~ MS2
 Moorestown
- MK-41 VLS ~ MS2 Baltimore
- MK-92 FCS ~ LMIS Huntsville/Moorestown
- USQ-70 ~ MS2-Eagan

Naval Aviation Related

- S-3 PVS ~ Aero Marietta
- CASS ~ LMSTS Orlando
- LANTIRN PBL ~ M&FC, Orlando
- Navy Aircraft Tires ~ MS2
 Moorestown
- H-60 ~ LMSI / Sikorsky JV

Submarine Related

- BSY2 POSS ~ MS2 Syracuse
- ARCI PBL ~ MS2 Manassas

Army

- JAVELIN ~ M&FC
- HIMARS ~ M&FC

System of Systems
Total Platform
Support

Total System
Support Responsibility
Ultimate Goal:
Maintenance Free
Operating Design &
Autonomous
Support

D2D/ALIS for Autonomic Logistics

- F-117 TSPR ~ Aero
- F-35 TSPIR ~ JSF
- Deepwater ~ MS2
- THAAD ~ Space

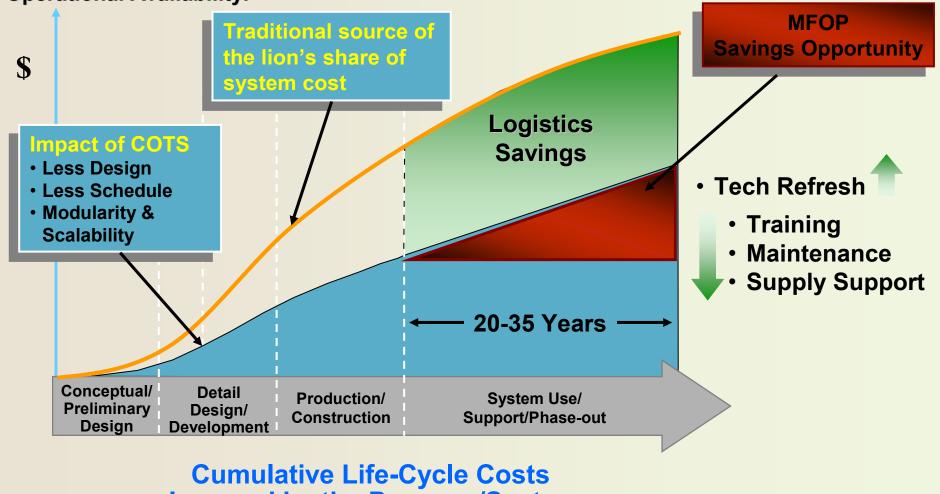
New Major System Program Pursuits

- Littoral Command Ship
 MS2
- MUOS ~ Space
- SBR ~ Space

Maintenance Free Operating Period (MFOP) -Wedge of Opportunity



•MFOP - Eliminates maintenance and the need for associated support while aligning logistics actions with preplanned COTS Technology Refresh and Insertion for improved **Operational Availability.**



Incurred by the Program/System

