

# USMC



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# DMSMS

## *The Challenges Ahead*

Brigadier General E.G. Payne  
12 July 2006





# DMSMS

What are the options?

**Is this your Weapon System?**







# Sustainment

- **USMC LOGCOM has a vested interest**
- **Failure results in**
  - **Unfulfilled need**
  - **Down weapon systems**
  - **Lots of heat from the war fighter & HQ**
  - **Loss or injury**
- **Failure is not an option in today's world**
- **Just knowing it's obsolete is not a fix**



# Reactive Costs

*10 Billion Dollars +*  
*“B”*

*(Current DoD cost estimate per year)*



# Budget Future

- **Current world Ops or Iraqi ramp down**
  - **Budgets will shrink**
  - **Performance requirements stretched**
  - **Life cycles pushed out**
- **DoD budget will become target again**
- **Will loose dollars, people and resources**
- **Gets harder before it gets easier**
- **Must work smarter NOW to ease future pain**



# TLCM & DMSMS

Cradle

Grave

*Weapon System Life Cycle*

Think  
DMSMS

*Paradigm Shift*

*How is your budget doing this year?*



# *USMC DMSMS Survey*

- Self Assessment Survey on USMC Ground Equipment programs and practices Aug 05 to April 06
- Ensure decisions are fact based
- W.Edwards Deming – “People closest to the problem usually have the solution to the problem” so we interviewed them to learn from them.
- 3 Prong Approach
  - On Line Survey
  - Interviewed across all disciplines
  - On Site Instructor Led Training
- Available on the DKSP Web Site



# *Survey Objectives*

- Determine current state of processes and capability ..... Including compliance with policy and directives
- Identify and quantify magnitude of DMSMS issues
- Recommend actions for implementing DMSMS policy, processes, and guidance in MARCORSYSCOM and MARCORLOGCOM



# *Survey Conclusions*

- We have a long way to go and a short time to get there.
- Training is our number one issue and priority. "
- It's a knowing problem and not a doing problem".
- Need to institutionalize DMSMS in all facets of our Life Cycle Management Processes



# *Maintenance Centers*

## *(Depots)*

- Organic repair facilities are a vital asset to our national security
- Must remain competitive to survive
- DMSMS is a daily issue and are extremely aggressive in handling reactive DMSMS
- Depots must face DMSMS not only as we know it but Diminishing Technologies too
- Road ahead for depots is to learn to be more aggressive in the Pro-Active world.
- Directly impacts Cost, Schedule, and Quality performance standards

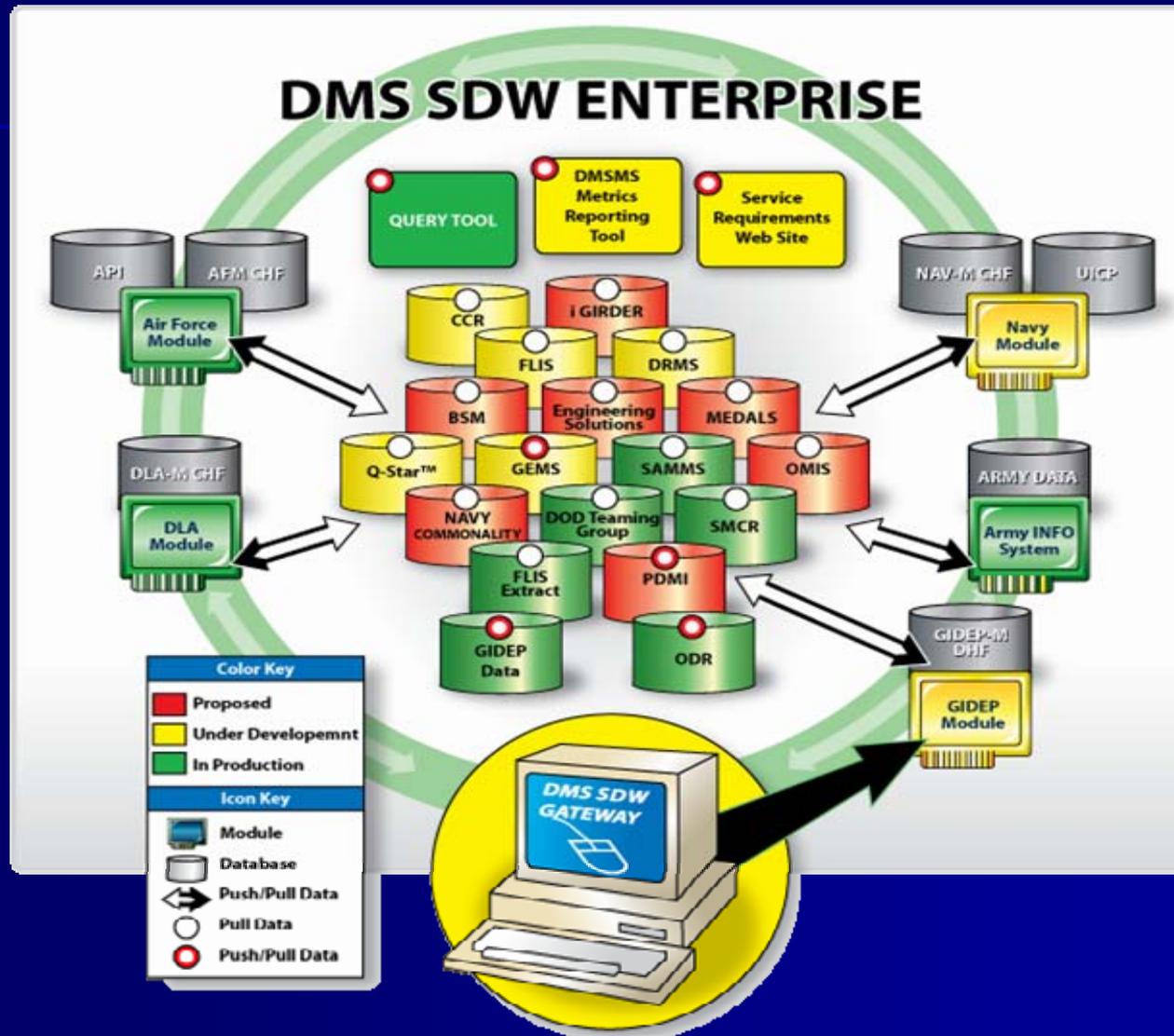


# *Shared Data Warehouse (SDW)*

- Comprehensive DoD system
- Less time on research
- Allow more time on analysis, mitigation, and proactive activities
- ODR within the SDW will avoid duplication of efforts and save dollars
- Cross talk amongst the services vital
- Metrics Reporting Tool to support funding



# Shared Data Warehouse





# RoHS - A new challenge

- RoHS is the new DMSMS Challenge
- Restriction on Hazardous Substances also know as directive 2002/95/EC
- Lead Free Solder in COTS June 06'
  - Whisker problem and no solution to date
  - More brittle & cracking in high vibration
  - Higher melting temp impacts repairs
- Undeveloped repair procedures
- Configuration uncontrolled
- New disposal regulations



# ***DON Strategic Plan for DMSMS***

- Determine the magnitude
- Develop a management process to track DMSMS cases and share resolution data
- Communicate DMSMS goals, promote policies and guidance



**...But we can also do  
one more thing...**



...We need to do a better job at being proactive...

...Which we can do if we follow the DON strategic plan...



# *Conclusions*

- USMC has a long way to go
- Education, training, tools, processes, and management oversight are key
- Proper planning & tighter scrutiny during acquisition = huge benefits.
- Must measure it to fund it
- Continuous process improvement is imperative. Status Quo is too expensive



**Thank You !**