



Enterprise Health Management Committee

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NDIA SE Conference

NDIA

- America's leading Defense Industry association promoting National Security
- **ADVOCATE:** Cutting-edge technology and superior weapons, equipment, training, and support for the War-Fighter and First Responder
- **PROMOTE:** A vigorous, responsive, Government – Industry National Security Team
- **PROVIDE:** A legal and ethical forum for exchange of information between Industry and Government on National Security issues
- **Motto:** Strength through Industry and Technology

EHM COMMITTEE

- Interchange forum for government and industry
- Accepts task from DoD
- Workshops and conferences
- A primary objective of the committee is to determine how to reduce the total ownership cost of weapon systems

EHM Committee

Formerly Known as: Integrated Diagnostics

- Name Changed in 2009:
 - To better serve our Sponsor's needs the ID Committee is expanding its scope to view the ID Process end to end or (in today's vernacular) as an Enterprise.
 - The explicit use of "Management" rather than "Monitoring" in EHM conveys the idea of focus on the issues that serve the user by improving the application of monitoring to the areas that are important to him - managing the health of weapons to assure mission completion versus just telling him something is breaking.

Enterprise Health Management – What is it


“The capability to make intelligent, informed, appropriate decisions across the Enterprise about design, logistics, maintenance and operational actions based on Health Management Data or Information, available resources, acquisition strategy, and operational demand.”

*Next Generation Enterprise Health Management Decision Support
Solution Targeting Unprecedented Value, Affordability and Continuous
Improvement*

Key Attributes Include....

*EHM as a Design Element; Proactive Advisory Generation Based
on Health State; Autonomic; Planned Maturation; Near Real Time
Updates; No False Alarms*

Past Activities

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- Actions From TMDE (Army)
 - Diagnostic Requirements
 - White Paper Issued
 - Infra-Structure Requirements to facilitate Maintenance Data Management
 - Further Define Maturation Process
 - Maintenance Data Capture and usage
 - Work with the System Engineering Division to “Fix BIT”
 - Lou Kratz’s statement at the System Engineering Conference
 - Networking for Government and Industry

Electronic Prognostic Task



■ Accomplishments

■ Report and Information Briefings Complete

- Results Briefed to Dave Pauling

■ Briefed expected levels of Benefits to Chuck Silva

- Reduced LCC = 15%
- Reduced False Alarm Removals = 40%
- Improved Availability = 25%

(based on CASREP Data)

- OSD CBM AG performed detailed analysis of a System

■ Follow-on Activities

- Funding for R&D areas identified in study being pursued

Other Activities

- Marines – Autonomic Logistics
 - Gene Morin requesting ROI help on Vehicle Health Management
- Product Support Analysis Team (PSAT)
 - Identify future requirements for Life Cycle Product Support
- EHM Technology Transition task
 - Workshop Completed
 - Final Report presented to sponsor
 - Report recommendation being addressed with CBM+ AG