



## ***2015 Diminishing Manufacturing Sources and Material Shortages (DMSMS) Conference***

**When:** November 30 - December 3, 2015

**Where:** Phoenix Convention Center, Headquarters Hotel: Hyatt Regency

**Theme:** *Innovation, Technical Excellence, and Quality through the DMSMS Enterprise*

### **Purpose:**

Diminishing Manufacturing Sources and Material Shortages (DMSMS) management is a multi-disciplinary process embraced throughout the Department of Defense (DoD) to mitigate risks resulting from obsolescence due to the loss of manufacturing sources or material shortages. The DoD approach for DMSMS resolution is evolving to a much higher integrated and collaborative state to more effectively recognize and identify instances of DMSMS, assess the potential for negative impacts to readiness, analyze potential mitigation strategies, and implement cost-effective solutions. The DMSMS approach aligns with and supports the Better Buying Power 3.0 implementation of best practices to strengthen the Defense Department's buying power, improve industry productivity, and provide an affordable, value-added military capability to the Warfighter. Occurrences of DMSMS issues are inevitable, so program managers must manage them in a way that cost-effectively eliminates schedule delays, avoids (or at least minimizes the scope of) out-of-cycle redesigns, and prevents degradations to mission performance, safety, and readiness. The DMSMS Conference is the nation's largest annual forum for enhancing and leveraging the efforts of scientists, engineers, managers, technology leaders, and policymakers across the defense manufacturing industrial base. This event brings together leaders from government, industry, and academia to exchange perspectives and information about critical DoD industrial base policies, sector analyses, and manufacturing technology programs for the production and sustainment of affordable defense systems. This is the premier national forum for presenting and discussing initiatives aimed at addressing enhanced defense and related national manufacturing capabilities and requirements.

### **Challenges:**

Average attendance at this conference has typically exceeded 500, evenly divided between government and industry participants, with a small complement from academia. Attendees range from Flag Officers/Senior Executive Service members and chief executive officers to project-level personnel such as manufacturing-oriented engineers, scientists, business practice specialists, and policymakers. This diverse and robust attendance record is critical. DMSMS and obsolescence risk mitigation is entering what may be described as the "perfect storm": modernization schedules are lengthening and the funding available to invest in systems is declining, but maintaining military operational tempo is critical for ongoing global operations. Furthermore, the DoD is facing a deepening contraction in the defense industrial base, while counterfeit problems are present throughout the supply tiers. What is clear by examining this situation is that traditional disconnected approaches to solving DMSMS issues cannot continue without breaking program budgets. DMSMS, which was entirely reactive in 1999, has since delivered gains in affordability and readiness through proactive mitigation and a robust DMSMS identification and mitigation process. The next generation of DMSMS solutions must continue to push awareness and mitigation early in the design and development cycle, using improved forecasting analytics, accessing the digital thread in the design cycle, searching for integrated solutions shared across all services, and providing visibility into potential DMSMS threats using a variety of readiness levels along the life cycle. Awareness of counterfeiting threats has shown results in the development of techniques to comprehensively track inventories and actively provide trusted components. This conference will focus on each of these innovative trends in the next generation of DMSMS solutions.



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### Agenda:

The agenda will consist of training sessions all day Monday, followed by general, concurrent training, technical, and special-topic sessions, Tuesday through Thursday.

**General sessions** will provide a unique and diverse forum of presentations from leaders in manufacturing, systems engineering, and obsolescence, as well as from senior-level stakeholders from organizations such as the following:

- Executive and legislative branches of government
- DoD, military services, and defense agencies, including Office of the Secretary of Defense, Defense Advanced Research Projects Agency, and Defense Logistics Agency
- Non-defense Government agencies, including the Departments of Homeland Security, Energy, and Commerce
- Small, medium, and large industrial enterprises and industry trade associations
- Academic researchers and their sponsoring agencies.

**Concurrent training/technical/special-topic sessions** will address various initiatives addressing processes, technology and life cycle logistics supporting the modern Warfighter as well as programmatic approaches. Below is a sampling of topical areas:

- [DMSMS Case Studies, Lessons Learned, and Best Practices](#)
- [DMSMS and the Product Support Manager](#)
- [Software, Materials, and Mechanical DMSMS](#)
- [Counterfeit Materiel](#)
- [Parts Management](#)
- [Industrial Base](#)

Over 200 exhibits will showcase government and industry manufacturing initiatives and qualified suppliers for semiconductors, electronic and mechanical parts, life-cycle management, parts management, and obsolescence management.

### Sponsor:

DMSMS 2015 is sponsored by Universal Technology Corporation. Agenda planning is conducted in collaboration with the DoD DMSMS Working Group.

### Registration Fee:

\$795.00

### Exhibit Space:

\$2,800 (10 ft. x 10 ft.)

Visit the DMSMS 2015 website at [www.DMSMSmeeting.com](http://www.DMSMSmeeting.com).