



## 2014 Diminishing Manufacturing Sources and Material Shortages (DMSMS)

**When:** December 1 – December 4, 2014

**Where:** Grand Hyatt and Henry B Gonzalez Convention Center, San Antonio, Texas

**Theme:** *DMSMS Management: Delivering Affordable Readiness*

**Purpose:** DMSMS is defined as the loss or impending loss of manufacturers of items or suppliers of items or raw materials. Obsolescence refers to a lack of availability due to statutory and process changes, as well as new designs. DMSMS and Obsolescence adversely affect Total Life Cycle Management (TLCM). Proactive planning, process implementation, monitoring, analysis, and budgeting are all necessary to mitigate the impacts of DMSMS and obsolescence to reduce TLCM costs. The DMSMS is the nation's largest annual forum for enhancing and leveraging the efforts of scientists, engineers, managers, technology leaders and policy makers across the defense manufacturing industrial base. This event brings together leaders from government, industry, and academia to exchange perspectives and information about critical Department of Defense (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.

**History:** Average attendance is well over 500, evenly divided between government and industry participants, with a small complement from academia. Attendees range from CEO- and Flag Officer/SES-level to working-level manufacturing-oriented engineers, scientists and business practice/policy makers.

DMSMS risk mitigation is entering what may be described as the perfect storm: modernization schedules are lengthening, funding available to invest in support of current systems is declining, but operational tempo is still critical for ongoing global operations. Further, 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 delivered gains in affordability and readiness through proactive mitigation and a robust DMSMS identification and mitigation process. The next generation of DMSMS solutions will 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 already started to build techniques to comprehensively track inventories and actively provide trusted components. This conference will focus on each of these innovative parts of the Next Generation of DMSMS Solutions.

**Agenda:** The agenda will consist of training sessions all day on Monday with additional training through the week, three morning General Sessions (Tues-Wed-Thurs) and three afternoon Concurrent Technical/Training and Special Topic Sessions (Mon-Tues-Wed).

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

- The Executive / Legislative branches of government
- The DOD, military services, and defense agencies including OSD, DARPA, and DLA
- Non-defense agencies including the Departments of Homeland Security, Energy, and Commerce
- Small, medium, and large industrial enterprises and industry trade associations
- Academic manufacturing researchers and sponsoring agencies

**Concurrent/Training/Special Topic Sessions** will include various initiatives and technology supporting the modern warfighter as well as programmatic and logistics approaches. A sampling of the topical areas is:

- DMSMS Case Studies, Lessons Learned, and Best Practices
- DMSMS and the Product Support Manager
- Software, Materials, and Mechanical DMSMS
- Counterfeit Materiel
- Parts Management

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

**Sponsor:** DMSMS 2014 is sponsored by Universal Technology Corporation (UTC). Planning is conducted in collaboration with the Defense Standardization Program Office.

Registration Fee: \$795 Individual

Exhibit Space (10 ft x 10 ft): \$2,700

Visit the DMSMS 2014 website at [www.DMSMSmeeting.com](http://www.DMSMSmeeting.com)