

Commercialization of Military and Space Electronics Conference & Exhibition

February 12 - 15, 2001
Los Angeles Airport Marriott Hotel
Los Angeles, California
<http://www.cti-us.com>
CTI, Inc.
256-536-1304

Organized by engineers for engineers and engineering management, this is the premier conference for military and space electronics issues. This 5th International Conference addresses systems, subsystems, circuit boards and components, and specializes in COTS equipment and components while also emphasizing new technology, processes and design practices. Two non-competing tracks one day on specific subsystems and components issues are planned. Emphasis is placed on how to assess the risks of COTS and make cost effective decisions that meet the mission requirements.

Discussion sessions are planned on specific topics of concern to the industry or were requested by the delegates. New issues identified by last year's delegates will be addressed.

The previous Commercialization of Military and Space Electronics meeting was held in Los Angeles, California, Jan 30 - Feb 2, 2000 with over 400 attendees, representing 150 organizations participated in a wide range of relevant topics. The major emphasis this year is on sharing actual experience, knowledge and data gained from the use of commercial components and COTS in military and space systems.

Specific subjects to be discussed include:

- COTS systems vs custom military designs
- Meeting harsh environments through ruggedized enclosures
- The industry conflict over upscreening
- Faster, better, cheaper vs mission reliability
- Approaches for converting older military systems to COTS
- Does open system architecture really work?
- Are COTS components more expensive when QML components are available?
- Successful use of COTS in military & space systems

Visit our Web site at: <http://www.cti-us.com>.

Preliminary Program

This is the 5th Annual Conference on the practices, experiences and case studies for the use of commercial components and COTS electronics in military and space systems.

The Keynote talks include:

1. The F-22 Avionics - by Ron Dubbs, F-22 Weapons Systems Manager
2. A Review of the NASA Faster, Better, Cheaper Goals and Practices - by a "TBD" NASA Representative

Special Papers include:

Selecting COTS and Commercial Suppliers/Ensuring a Successful Partnership -
by Vince Mancuso, VP, Mercury Computer Systems

Seminars on Monday, February 12th:

1. Risk Assessment and Management
2. Use of HASS and HALT Testing for COTS
3. EEE Parts Selection & Application Practices for the COTS Era

Technical Sessions are planned on the following topics:

- COTS Management Practices
- PEMs Testing & Packaging
- Managing COTS Obsolescence
- Designing with COTS Electronics & Software
- Ruggedizing COTS for Military Use
- Radiation Hardness & Space Applications