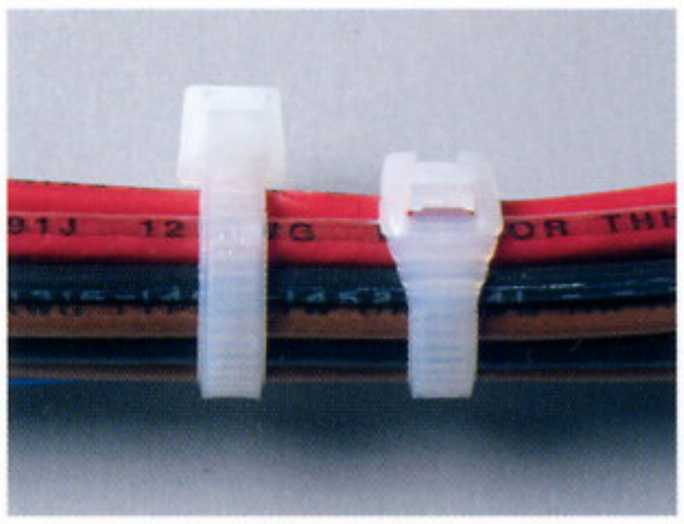
What's new at ACE

Cable ties



Cobra series low-profile nylon 6/6 cable ties from **Advanced Cable Ties**, Inc. offer reduced head height and rounded edges that eliminate cuts or abrasions to wires, cables, hoses, products, and users, increasing safety in confined spaces. A tamper proof pawl located under the tie's head makes it inaccessible when bundled. A grooved head design provides improved strength, yet allows the head to flex around the contour of bundled wires or tubing. The tail features finger grips for easy handling and allows partial closure without engaging the pawl.

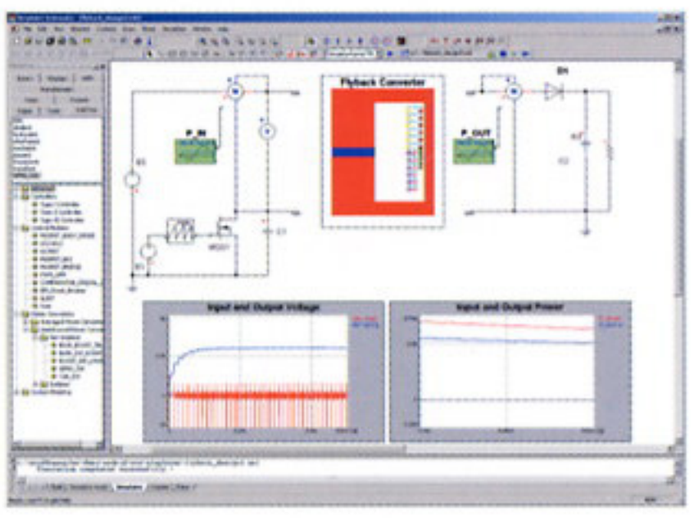
For more information, visit Booth 709

Cleaning tips

Connector cleaning tips from **Alcoa**'s AFL Telecommunications' **Noyes Fiber Systems** use a molded, sintered polymer cleaning tip rather than a fabric or foam-covered stick to trap contamination and wick cleaning solvents from bulkhead connectors. The cleaning tip is porous and pliable to conform to any fiber end-face polish geometry. The dual-head design permits wet and dry cleaning in one swab; it traps and holds liquid and particle contaminants in an absorbent open-cell matrix ranging from 10-25 µm. Tips are available in standard and military connector sizes.

For more information, visit Booth 1803/1805

Simulation software



Ansoft Corp.'s Simplorer 6.0 simulation software was designed for the digital prototyping of multi-technology systems used in the aerospace industry. The environment was built on co-simulation technology that enables engineers to model systems comprised of analog, digital, mixed-signal, electronics, mechanics, hydraulics, controls, and other technologies without having to choose between proprietary modeling languages. Simultaneous operation of technologies enables close design collaboration between suppliers and OEMs. Other features include the use of VHDL-AMS modeling language for analog mixed signal design, compatibility with SPICE 3F5 format, support of dc and ac analysis, and a hydraulics library.

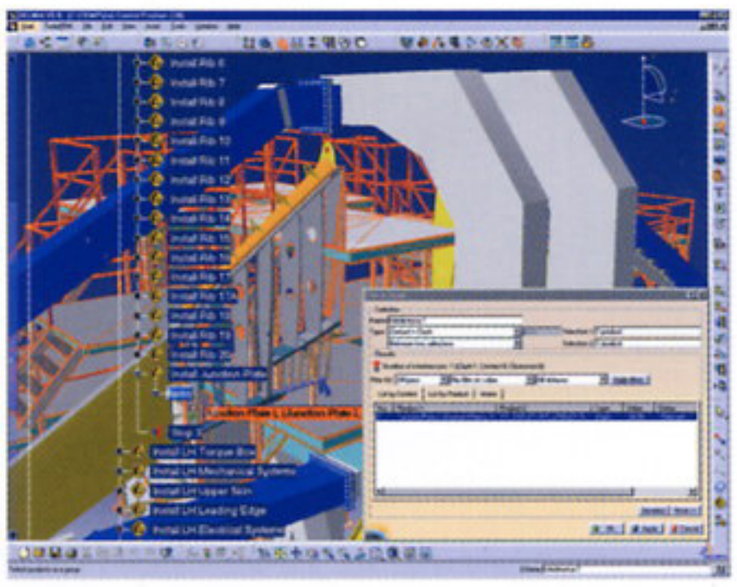
For more information, visit Booth 401

Alignment system

Lockheed Martin is using a Laser Tracking Alignment System from **ATT Metrology Services** for boresight alignment on the latest F-16 aircraft. The system achieves improved alignment accuracy of the navigational and weapon systems on the aircraft, allows the alignments to be performed in less time, and combines high-quality graphical user interface with a measurement technique that makes precise measurement tasks easy to complete. The system also allows aircraft mechanics to perform boresight alignment work with minimal training.

For more information, visit Booth 802

Resource planning



Delmia's aerospace solution allows manufacturing engineers and process planners to define, validate, manage, and deliver content needed on the shop floor to manufacture air- or spacecraft. The solution is built on the **Dassault Systemes** 3D PLM architecture, including a database for managing product, process, and resource objects and their interrelationships under configuration management and change control. Benefits of the system include reductions in time-to-market, overall costs, and risks for an air vehicle program. The key technology enabler for the solution and its ability to support concurrent product and process design is the PPR-Hub, a database environment that provides the infrastructure necessary to allow process and resource planning to occur.

For more information, visit Booth 402