Power Search
Search
GO
Browse by Topic
Go to Buyer's Guide
Quick Links
Advertising Opportunities
Boards & Committees
Certification / Career
Chapters
Companies
Events & Expositions
Foundation
International Awards
Jobs Connection
Library
Member Center
News
Online Store
Press Room
Publications & Tech Info
Be an Author, Contributor or Reviewer
Buyer's Guides
e-Newsletters
Forming & Fabricating Magazine
Manufacturing Engineering Magazine
Advertiser Index
Buyers' Guide
Media Kit
SME Member Update
SME News - Member Newsletter
Technical Publications
Use the SME Library
Write a Magazine Article
Resources & Services
Technical Communities
Training
StudentZone
This site is optimized for Internet Explorer 5.5 or Netscape 4.7 or higher

Manufacturing ENGINEERING

Manufacturing Engineering May 2005 Vol. 134 No. 5

newsdesk

DEALS, OPENINGS, ACQUISITIONS, PARTNERSHIPS, ORDERS, EXPANSIONS, AWARDS

Metrology Guidelines

The Automotive Industry Action Group and the National Institute of Standards and Technology partnered to develop the first-ever dimensional markup language (DML), which is a common global language specification for metrology system interfaces. The team also developed an interoperable implementation guide for the new specification.

The DML will aid measuring components from various metrology systems connected in a plug-and-play environment while maintaining 100% data integrity. It helps allow metrology subsystems to talk to one another, even if they come from different vendors.

AIAG is addressing the current void of seamless data exchange in dimensional metrology and inspection systems used in the automotive industry to improve dimensional integrity in vehicles. This has limited manufacturers in their ability to effectively build and operate measurement systems, often resulting in extended reprogramming of these systems. The organization aims to bridge the gap among existing multiple global standards that are not robust enough or provide true interoperability.

Society of Manufacturing Engineers :: One SME Drive :: P.O. Box 930 :: Dearborn, Michigan 48121 USA
Resource Center: (800) 733-4763 :: Phone: (313) 271-1500 :: Fax: (313) 425-3400