

SOLUTIONS

Maryland Technology Extension Service

Solutions for Maryland Manufacturers

Since 1984, MTES has provided critical solutions to help Maryland manufacturers grow and become more competitive. A program of Mtech at the University of Maryland, MTES is a cost-effective, objective resource. As Maryland's affiliate of the federal NIST Manufacturing Extension Partnership, MTES draws upon a national network of solution providers, as well as the expertise of the entire University System of Maryland.

MTES Solution Areas:

Lean Manufacturing/Productivity

- Assessments
- Lean awareness and implementation training
- Value stream mapping
- Cellular manufacturing
- Workplace organization (5S)
- Set-up reduction
- Office lean
- Bio-manufacturing lean
- Lean-Sigma and Six Sigma
- RFID
- Plant layout

Growth

- Top-line growth: Eureka! Winning Ways
- ISO 9000 consortia
- Export marketing (joint with U.S. Export Assistance Center)
- Supply chain

Sustainability

- Pollution prevention
- ISO 14000 implementation
- Green Supplier Network (joint with U.S. EPA)
- Treatment technologies
- Compliance assistance
- Energy audits

Technical Solutions

- Process/product improvements
- Design for manufacturability and lower costs
- Failure analysis
- Materials
- Design reviews
- Machinery/automation
- OSHA/MOSH compliance





“When MTES painted the overall picture for me a light bulb went off in my mind. It was almost like going from the Dark Ages to the Rocket Age. If we’re able to implement everything [suggested by MTES], we’ll cut the time it takes to make a conservatory in half.”

— ALAN STEIN, FOUNDER AND PRESIDENT, TANGLEWOOD CONSERVATORIES (DENTON, MD)

Partner with MTES to grow your business:

- Increase your productivity
- Lower your costs
- Improve your bottom line
- Develop new markets
- Improve your workforce skills
- Reduce your environmental risks
- Raise your sustainability
- Improve your profitability
- Access university resources and research capabilities
- Access a nationwide resource network
- Access to students/future workforce



“With MTES’ expertise in plant layout, lean production, and automated equipment, we have effectively scaled-up and significantly improved our productivity in the manufacturing process. Our overall facility and work areas have been set up for efficient flow and labor productivity. MTES is a valuable technical resource we can count on.”

— DR. SEAN X. YU,
VICE PRESIDENT OF OPERATIONS
SA BIOSCIENCES (FREDERICK, MD)



Impact

From 2000 through Q2 2008, MTES had a \$288.2 million impact, helping Maryland manufacturers:

- increase sales by \$73.4 million;
- retain sales by \$151.7 million;
- save \$16.9 million in costs;
- save \$7.5 million in investments;
- avoid \$10 million in unnecessary investments; and
- increase investment by \$28.7 million.

MTES helped manufacturers create or retain 1,417 jobs. This data is based on surveys conducted by a third-party survey house contracted by NIST.

CONTACT US

(800) 245-5810, (410) 548-4372
University of Maryland
Potomac Building 092
College Park, MD 20742



Maryland Technology Extension Service

