



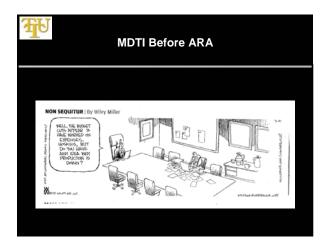
McDonnell Douglas Technologies, Inc (MDTI 1995)

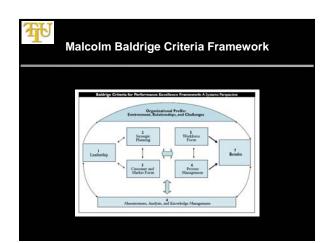
- San Diego State's Southern California Institute for Quality and Productivity Annual Award (2nd Time)
- James S. Cogswell National Award for Security (2nd Time)
- Positive Cash Flow
- Exceeded All Cooperate Goals
- Financial Improvements > 22% for 3^{rd} Year in a Row (MDC < 5%)
- Customer Ratings Higher than ever
- Supporting other Divisions with TQM Programs

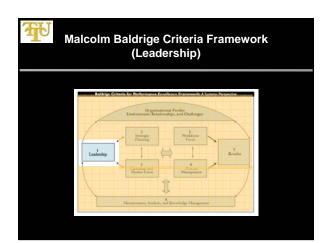


McDonnell Douglas Technologies, Inc (MDTI- 1990)

- Wholly Owned Subsidiary of MCD Purchased in 1988
- Located San Diego California
- "Niche" Market Base "Invisibility"
- Minimum Production
- ~ 500 People, \$20 Mil Rev/year, Overhead 250%
- Capital Intensive (Worlds Largest Indoor RCS Range)
- Mediocre at MANY Things Good at None
- Process Problems in Security(Significant), Mfr, R&D, & Infrastructure
- "New Management" Approach Total Quality Management (TOM)







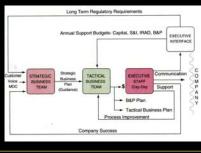


Leadership Approach

- Golden Rule
- Train the Leaders to Train their Teams
- · Team approach
- Enablers/Facilitators
- External "Culture" Evaluation
- Quick and Lowest Decision Tree
- Deming Point # 8 Drive Out Fear
- New Structure Helped our Competition



MDTI TQM Leadership Approach



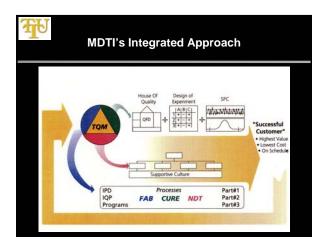
Malcolm Baldrige Template Management Guideline

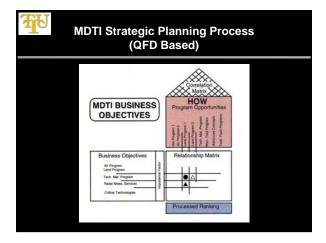


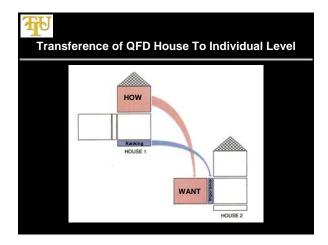
Malcolm Baldrige Criteria Framework (Strategic Planning)

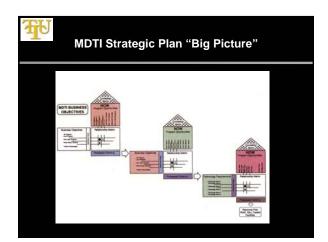


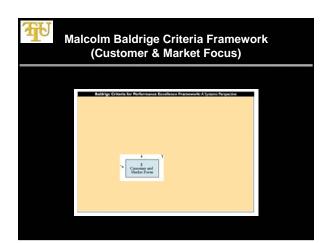


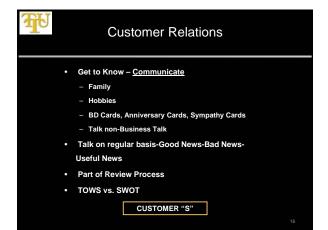


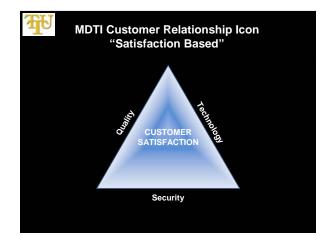


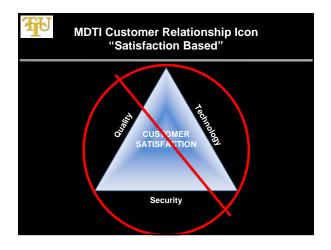






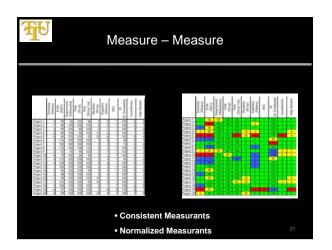


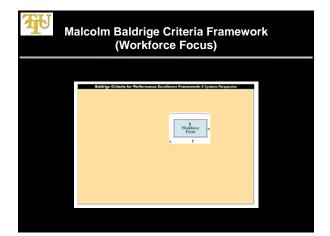








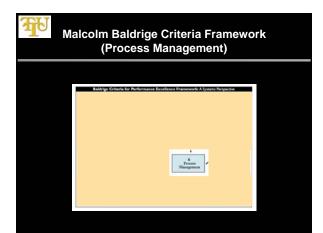






Work Force Continuous Learning Opportunities

- Technical/BA/BS/MS/MB/PhD
- In-House On The Job Skill Training
- Seminars Lecture Courses (External)
- Personal and Personality Seminars(OJT) GTD
- Patent Reviews Einstein
- Deming Point # 13 Education & Self Improvement
- Concept of Employability vs Employment Guarantee





Process Management Approach

- Team Responsible Continous Improvement
- Deming Point # 9 Breakdown Barriers
- Deming Point #3 Cease dependence on Inspection
- Integrated Quality Product Approach
 - Customer Skeptical
 - Corporation Skeptical
 - Team Skeptical
 - Required Significant Leadership
- Result vs Action Project Management Approach





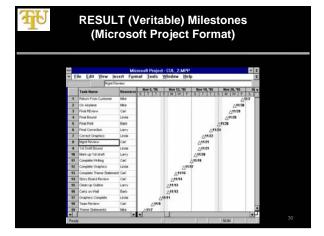
_	

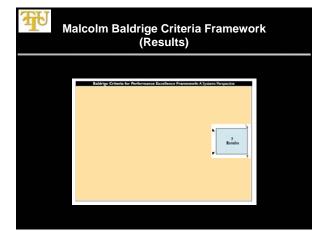


Process Management Approach

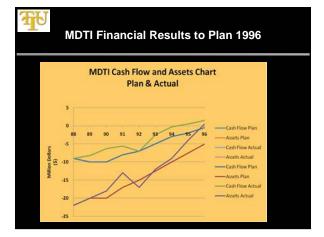
- Team Responsible Continous Improvement
- Deming Point # 9 Breakdown Barriers
- Deming Point # 3 Cease dependence on Inspection
- Integrated Quality Product Approach
 - Customer Skeptical
 - Corporation Skeptical
 - Team Skeptical
 - Required Significant Leadership
- Result vs Action Project Management Approach







"TQM" Results - 3 Institute for Quality and Productivity Awards – 2 First Place & 1 Second Place - 2 National Cogswell Awards - 1st Secretary of the Air Force Security Education Award - Benchmark Company for Numerous National Companies - Benchmark Business Unit within McDonnell Douglas/Boeing - Transference of Concepts to other Companies - Higher Customer Bases - Highest Employee Cultural Measurants - Process Development Resulting in "Can Do" Products - Production - 86% of Revenue - R&D Producing New and Highly Innovative Products - Exceeded Financial Goals



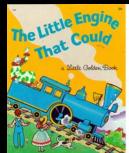


Some Thing I want YOU to do.

- Be a Leader/Be an Enabler.
- "Failure IS an Option"
- Be like the "Little Engine that COULD"
- Support Paradigm Shifts
- · Set Goals.
- Continuously Learn
- Consider Graduate School.
- Make a difference to someone.
- Be PROUD of Tenn. Tech.
- Have Fun.



Which Are You???

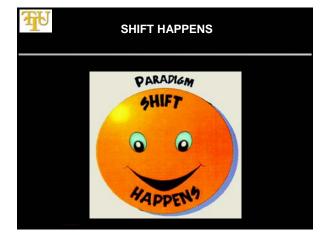






Some Thing I want YOU to do.

- Be a Leader/Be an Enabler.
- "Failure IS an Option"
- Be like the "Little Engine that COULD"
- Support Paradigm Shifts
- · Set Goals.
- Continuously Learn
- Consider Graduate School.
- Make a difference to someone.
- Be PROUD of Tenn. Tech.
- Have Fun.





Some Thing I want YOU to do.

- Be a Leader/Be an Enabler.
- "Failure IS an Option"
- Be like the "Little Engine that COULD"
- Support Paradigm Shifts
- · Set Goals.
- Continuously Learn See GTD Video
- Consider Graduate School.
- Make a difference to someone.
- Be PROUD of Tenn. Tech.
- Have Fun.



Which Way Do YOU Go Now??

