



**TechniCom, Inc.  
Consulting Services**

*A leading market research and consulting firm founded in 1989, TechniCom, Inc., focuses on the forces and dynamics surrounding the mechanical engineering design and manufacturing marketplace. Its principals are recognized authorities who have a solid, fundamental understanding of the marketplace, the leading products, and the vendors producing these*

## **CAD/CAM AUDIT**

*A description of our CAD/CAM Audit, representing a unique opportunity for companies to implement a cost effective review of their engineering support activities.*

In response to a number of inquiries, we have developed a service that, as a user of CAD/CAM, should be of interest to you — our **CAD/CAM Audit**. The CAD/CAM Audit tests and quantifies the state of your CAD/CAM operations and plans.

The Audit uses a standardized, proven methodology to provide a cost effective evaluation of your CAD/CAM procedures and techniques; a review of the technical and operational aspects of how well CAD/CAM supports your engineering and manufacturing departments and long term company strategy. A final report delivers a foundation for the continuous improvement of your operations. **These recommendations should save you at least three times the cost of the audit in the first year of use, if carried out as designed.**

### **How will the audit be conducted?**

The audit involves four intensive days of interviews with key department employees and an observation of your actual operations. We will develop documentation, analysis, and an evaluation of each key department's procedures related to the use of CAD/CAM within your company.

### **What resources do you need to commit to the audit?**

You need to make available the key department employees for the Audit interviews, assign a coordinator to assist us in scheduling the interviews, and provide access to the top levels of management to assist us in understanding your overall corporate strategy. In addition, you'll need to make sure the key individuals are

present to review our recommendations.

### **What are the results of the Audit?**

The CAD/CAM Audit provides a foundation for the continuous improvement of your operations. The Final Report contains the three levels of recommendations. This Final report will be prepared within two weeks after the completion of the Audit. Then we return to your site to present the findings and recommendations in an informal presentation at your location. The report contains multi-level recommendations, all aimed at increas-

#### **CAD/CAM AUDIT BENEFITS**

- A cost effective evaluation of your CAD/CAM procedures and techniques
- Reviews of the technical and operational aspects of how well CAD/CAM supports your engineering and manufacturing departments
- Multi-level recommendations made where improvements can have a substantial effect on your competitive advantage. A cost benefit analysis is prepared, where possible, for each recommendation.

ing your level of competitiveness:

Level I - recommendations that can be implemented by your staff

Level II - projects that require minimal coaching or assistance

Level III - projects that should be led by TechniCom  
We include written instructions for implementing the

Level I recommendations. Our experience has shown that the Level I recommendations should save you at least three times the cost of the audit in the first year of use, if carried out as designed.

### TechniCom Qualifications

TechniCom regularly consults with both users and vendors on CAD/CAM Strategy -- what is needed and how to organize for maximum long term benefits. We provide no implementation services, thus we are not beholden to any one vendor. We regularly review vendor offerings and develop a series of analyses on leading MCAD products. Our industry leading newsletter *CAD/CAM Watch* provides insightful analyses of existing systems and new developments. One result of our analysis service is the *Variable Driven Solid Modelers Overview and Product Guide*. A product of our consulting service is the *Selecting Mechanical Design Automation Software report*. This latter report discusses an internal evaluation process that should be conducted by your organization in

conjunction with looking at new software, a process which we use as a guide when performing the Audit. This allows us to identify important tasks in the design-through-manufacturing process and assists in building a list of future required mechanical engineering system needs.

### OTHER TECHNICOM SERVICES

#### *User Consulting Services*

To supplement the audit we can also design custom consulting assignments, as required. Some of these may involve the following:

- Strategic product and vendor selection
- Analysis of engineering design tools and procedures
- Development of data management strategies

#### *User Reports*

• *Selecting Mechanical Design Automation Software - An Evaluation and Benchmarking Template*, see the Publications List for the latest price and revision level.

• *Variable Driven Solid Modelers: An Overview and Product Guide*, 149 pages, published Feb. 1995, price \$99.00.

• *Mid Range MCAD Benchmark*, see the Publications List for the latest price and revision level.

#### TYPICAL FINAL REPORT CONTENTS

1. The Audit Process
    - Overview of the Audit process
    - The Audit Process at your company
    - Introductory comments about your CAD systems
    - Future CAD Environment
  2. Managerial (and other) Concerns
  3. Strategic Management Directions (that impact CAD)
    - Strategic
    - Product Development Strategic
    - Systems Strategic
  4. Observations on the Process
  5. Recommendations
    - Recommendations (level I, II, and III)
    - Cost Benefit Analysis
    - Strategic Coverage of the Recommendations
  6. Action Plan
    - Level II
    - Level III
    - Ongoing ProcessReview
- Appendix

### COSTS

We deliver the audit and the final report as a fixed cost item. Your costs are known in advance. Contact us regarding the cost of the audit.

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