

Atrus, Incorporated

Design and Analysis Specialists

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Atrus Incorporated is an engineering, design and analysis consulting firm located in North Canton, Ohio. We specialize in helping our clients solve challenging mechanical engineering problems related to product design and performance with the best and most cost effective services available. Working closely with our clients we create and enhance their products to be successful in today's competitive marketplace.

The types of engineering services we provide are:

Solid Modeling:

- Simple to extremely complex 3-D solid modeling and assemblies
- Model optimization and motion studies
- Complete mechanical drawings
- Software implementation
- Complete set-up of standard parts to help your engineers and designers be more productive
- 3-D Model conversions
- Photo realistic renderings

Surface Modeling:

- Simple to extremely complex 3-D surface modeling
- 3-D Model conversions
- Photo realistic renderings
- Complete conversion of surfaces to solids
- Resolve surface model irregularities

Finite Element Analysis:

- Structural analysis
- Vibration analysis
- Design optimization
- Design validation
- Fatigue analysis
- Thermal analysis
- Dynamic and kinematics motion analysis
- Determine and verify field failures

On-site training/workshops:

- Pro/ENGINEER:
 - Introduction to Pro/ENGINEER
 - Advanced Pro/ENGINEER
 - Plastic Part Design using Pro/ENGINEER
 - Machine Design using Pro/ENGINEER
- Pro/MECHANICA:
 - Introduction to Structural Simulation
 - Introduction to Motion Simulation
 - Introduction to Thermal Simulation

We would like to have the opportunity to work closely with you to help you overcome your toughest design tasks. We would be happy to answer any of your questions and provide you with additional information.