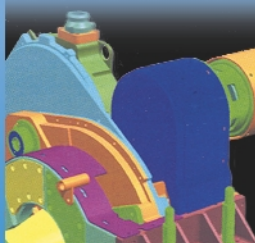


MECHANICAL/STRUCTURAL DESIGN

(DEFINITION)

To conceive or fashion in the mind, invent. Formulate a plan for, devise. Plan out in systematic, usually graphic, form. Create or contrive for a particular purpose or effect. Have as a goal or purpose. A graphic representation, especially a detailed plan for construction or manufacture. The purposeful or inventive arrangement of parts or details.



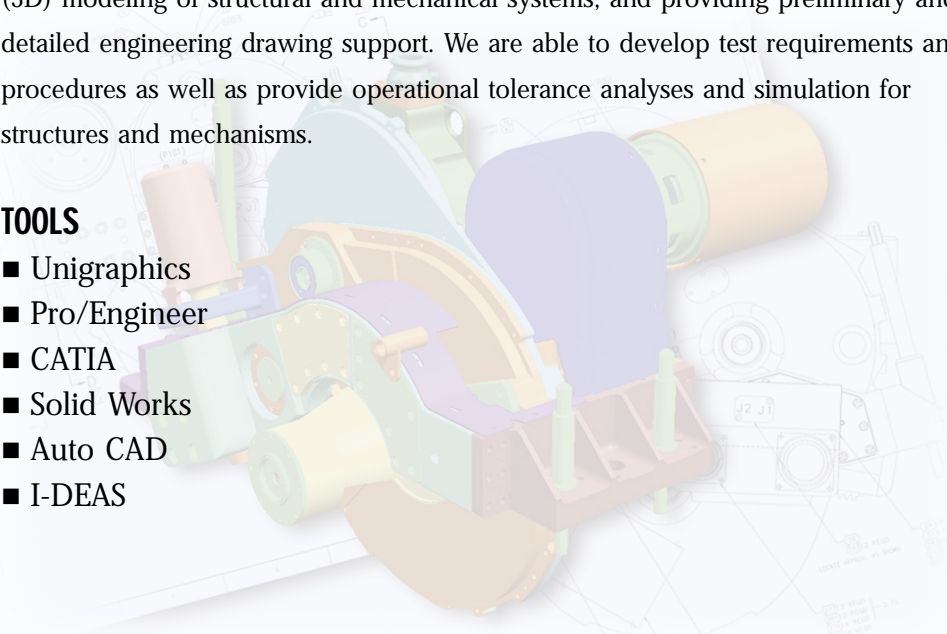
Bastion provides a wide range of hardware design and engineering capabilities. Our customers rely on our expertise and ability to provide detailed design and development support for mechanical and structural design needs.

- Mechanical, Structural & Electrical Design
- Parametric Solid Modeling
- Mechanism Simulation
- Test & Verification
- Front End Engineering Design (FEED)

Bastion professionals have vast experience translating conceptual design and requirements to final product definition; supporting equipment and product application to meet engineering goals; performing parametric solid (3D) modeling of structural and mechanical systems; and providing preliminary and detailed engineering drawing support. We are able to develop test requirements and procedures as well as provide operational tolerance analyses and simulation for structures and mechanisms.

TOOLS

- Unigraphics
- Pro/Engineer
- CATIA
- Solid Works
- Auto CAD
- I-DEAS





BASTION TECHNOLOGIES

17625 El Camino Real
Suite 330
Houston, Texas 77058
(281) 283-9330
Fax: (281) 283-9333
www.bastiontechnologies.com

ISO 9001:2000
registered company

