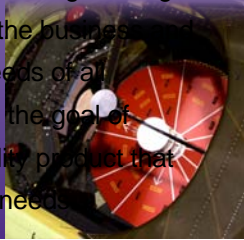


SYSTEMS ENGINEERING SERVICES

(DEFINITION)

An interdisciplinary field of engineering that focuses on the development and organization of complex artificial systems. Systems engineering integrates other disciplines and specialty groups into a team effort, forming a structured development process that proceeds from concept to production to operation and disposal. Systems engineering considers both the business and the technical needs of all customers, with the goal of providing a quality product that meets the user needs.



Bastion's Systems Engineering is a key component to many of our customers' challenges. For this reason, Bastion provides proven and unique concepts to address highly complex issues. Our services include:

- Systems Engineering Management and Implementation
- Facility and Payload Design
- Specifications, Compliance Matrices, and Verification Plans
- System-level Analysis
- Design Review Support
- Math Models
- Independent Validation and Verification
- New Technology Development

Examples of projects include our support in leading and coordinating the development and integration of complex designs and simulation capabilities required to support engineering studies, flight procedures, and crew training. Areas of emphasis typically include tracking and communications, robotics systems (prototype hardware and software development for intelligent systems automation), thermal systems, and structures and

