



Processor Units Reduce Satellite Construction Costs

Marshall Space Flight Center

***Orbital Telemetry Inc.
Huntsville, Alabama***

NASA Technology

- ◆ NASA worked with other organizations to develop the Fast Affordable Science and Technology Satellite
- ◆ To cut costs, engineers designed their own telemetry unit, a critical tool used to relay information between a satellite and its corresponding ground station



Technology Transfer

- ◆ A former NASA engineer realized the potential of commercializing a more affordable telemetry unit for use by the private sector.
- ◆ In 2012, after obtaining an exclusive licensing agreement with NASA, Orbital Telemetry was founded

Benefits

- ◆ Telemetry units can cost upwards of a million dollars each; Orbital Telemetry offers to provide them for a fraction of the price
- ◆ Due to a Space Act Agreement between NASA and the company, Marshall engineers test the model to make sure it meets the customer's specifications and is ready for launch into space