

Solid-State Recorders Enhance Scientific Data Collection

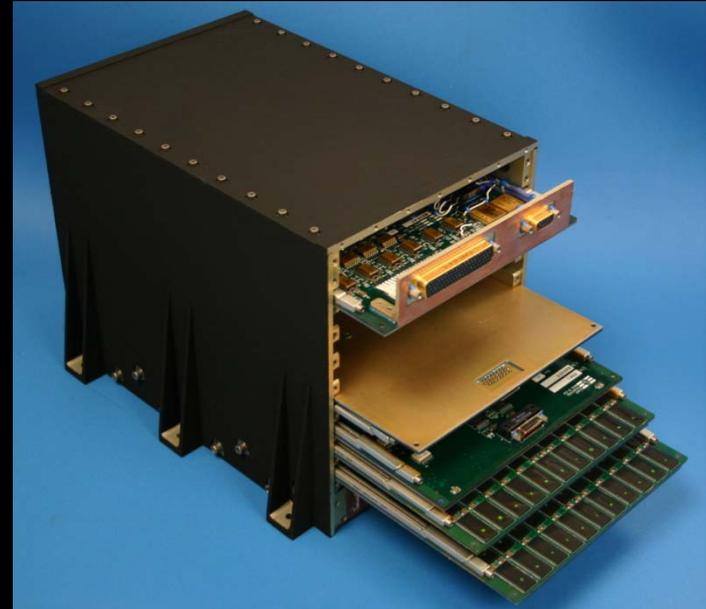


Goddard Space Flight Center

***SEAKR Engineering Inc.
Centennial, Colorado***

Originating Technology/NASA Contribution

- ◆ NASA's Inflatable Antenna Experiment (IAE) laid the foundation for future work on inflatable satellites and space structures
- ◆ A new device onboard the IAE's host satellite recorded and stored the experiment's critical test data



Partnership

- ◆ The IAE's solid-state recorder (SSR) was developed by SEAKR under the Small Business Innovation Research (SBIR) program
- ◆ The company's SSRs opened up new capabilities for space missions that were previously hampered by existing tape recorder limitations

Product Outcome

- ◆ The company is now the world leader in solid-state recorder technology for spacecraft
- ◆ More than 85 systems have launched onboard NASA, military, and commercial spacecraft
- ◆ SEAKR employed solid-state expertise to develop hardware for the International Space Station, cargo aircraft, and space Internet routing