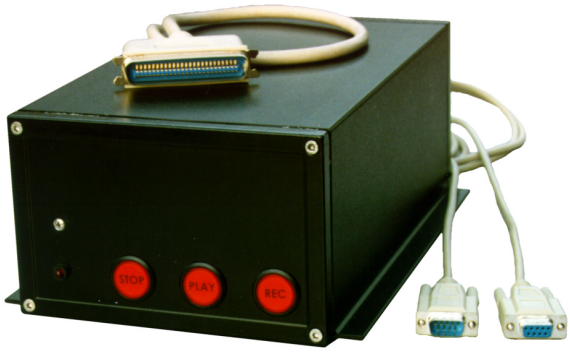


Case Study:
Antarctic Geophysics Research

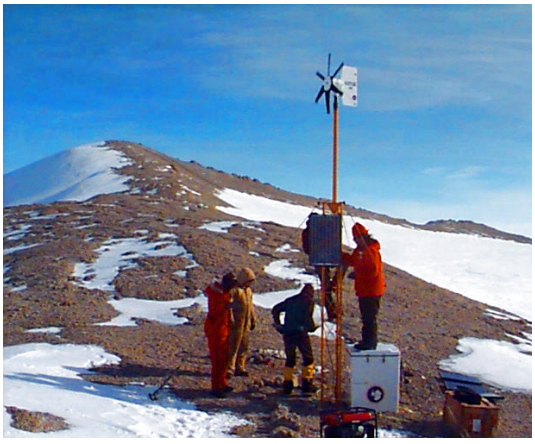
To study crustal rebound (a lifting of the earth's crust due to melting polar ice caps), researchers at NASA's Jet Propulsion Laboratory (JPL) use high-precision GPS receivers to accurately measure small changes in altitude at ground level both at the equator and at the poles.

The receivers provide about 60 MB of solid-state storage, but long-term (one-year) observations often require 400 MB or more of storage.

The perfect solution.
To survive the harsh Antarctic environment, the researchers needed something better than a laptop or desktop computer— a rugged, reliable recording device with low power consumption and wide operating temperature range. DataBridge SDR™, a serial data recorder based on DataBridge™ technology, was the perfect solution.

High capacity.
DataBridge SDR's equipped with 2.0 GB hard drives and flash disks ensure storage capacity for five years. A high-speed SCSI port makes copying data from Antarctic observation stations quick and easy— crucial when collecting data in the extremes of Antarctica.

A win-win partnership.
Acumen Instruments Corporation is working closely with a leading manufacturer of high-end GPS receivers to bring the benefits of DataBridge technology to its customers. The manufacturer is including the DataBridge™ OEM circuit board in its new receiver line, adding long-term recording capabilities and hassle-free network connectivity for easy data retrieval.



For more information…

Contact Acumen Instruments Corporation for details.

Acumen Instruments Corporation™
2501 N. Loop Drive Suite 1613
Ames, IA 50010

(515) 296-5366
(515) 233-0078 fax
info@acumeninstruments.com
http://www.acumeninstruments.com