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MICROSEISMIC EXTENDS COMPETITIVE EDGE IN PASSIVE SEISMIC MONITORING USING PANASAS ACTIVESTOR PARALLEL STORAGE

Panasas Parallel Storage Improves I/O Throughput by 2X over Traditional SAN Products, Enables MicroSeismic to Deliver Accurate Seismic Data Faster to Their Customers

FREMONT, Calif. —September 17, 2007— Panasas, Inc., the leader in parallel clustered storage solutions for the High Performance Computing (HPC) market, has added MicroSeismic, Inc. to its ever-growing roster of customers providing seismic imaging services for the oil & gas industry. MicroSeismic has boosted its passive seismic application performance by 2X since deploying the Panasas® ActiveStor™ Parallel Storage Cluster, enabling the geophysical data services company to significantly reduce the time it takes to process data and return high-quality results to their oil & gas customers who benefit from this time advantage in their drilling efforts.

Houston-based MicroSeismic is the industry leader in passive seismic data acquisition and analysis. Their passive seismic technology uses data from arrays of surface-located receivers to monitor reservoir response to simulation injection and other production-related activities, allowing companies to increase the efficiency and volume of produced oil & gas. As with most seismic applications, specialists at MicroSeismic collect and manipulate vast amounts of data on a daily basis. The company uses 70 terabytes of Panasas parallel storage, which will allow MicroSeismic to take on more client projects in less time and improve overall IT productivity, truly giving them a competitive edge and higher profitability.

“Initially, we relied on the local storage provided with Linux servers, but when we introduced a new processing application, the servers became I/O bound because the prior storage architecture wasn’t optimized to handle large files. By deploying Panasas ActiveStor parallel storage running the DirectFLOW® protocol, we increased the performance of the Linux servers ten-fold and had all of the throughput we needed to satisfy not only the existing applications, but also future

applications that are in development," said Michael Thornton, vice president of Data Analysis at MicroSeismic. "We evaluated competitive storage, but Panasas ActiveStor storage was the only solution that would meet our objectives for performance, throughput, and ease of management."

Panasas ActiveStor Parallel Storage Cluster with its embedded PanFS™ parallel file system enables MicroSeismic to dramatically speed up application performance from 100 megabits per second using an existing SAN to over 200 megabytes per second. A direct access path between MicroSeismic's Linux cluster nodes and Panasas parallel storage eliminates delays that are normal for traditional SAN and NAS products. By doing so, passive seismic processing can be greatly accelerated enabling MicroSeismic to take on more customer jobs.

"With growing demand from oil & gas customers around the globe, Panasas continues to be the leading parallel storage solution for seismic imaging and interpretation applications," said Len Rosenthal, chief marketing officer at Panasas. "MicroSeismic's adoption of leading-edge parallel technology underscores their industry leadership position and our commitment to help customers achieve a competitive edge and higher profitability."

Visit Panasas in Hall C booth #1708 at the forthcoming Society of Exploration Geophysicists (SEG) event, taking place in San Antonio, September 23 – 28.

About Panasas

Panasas, Inc., the global leader in parallel storage solutions, helps commercial, government and academic organizations accelerate their time to results leading to real world breakthroughs that improve people's lives. Panasas' high-performance storage systems enable customers to maximize the benefits of Linux clusters by eliminating the storage bottleneck created by legacy network storage technologies. The Panasas® ActiveStor Parallel Storage Clusters, in conjunction with the ActiveScale® Operating Environment and PanFS™ parallel file system, offer the most comprehensive portfolio of storage solutions for High Performance Computing (HPC) environments. Panasas is headquartered in Fremont, California. For more information, please visit www.panasas.com.

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