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Cutting Edge Debuts 'Earth' Bound Enterprise Storage Solutions at GEOINT 2007

New EdgeWare(TM) Enabled Integrated and Modular Storage Solutions Provide Sustained Performance and High Availability for GIS and DoD Compute Intensive Applications

EL CAJON, Calif., Oct. 22 /PRNewswire/ -- Cutting Edge Networked Storage, a leading innovator of high performance storage systems for the GIS, defense and government markets, will debut their new Modular Storage Solutions (MSS) and Integrated Storage Solutions (ISS) for the GIS community at the US Geospatial Intelligence Symposium (GEOINT 2007) in San Antonio, Texas from October 21st - 24th in exhibit booth #735. In addition, Onix Networking Corporation, a premiere provider of IT solutions, will be on-hand to discuss their specialized solutions, which integrate Cutting Edge's MSS technology with global search products.

Cutting Edge will be demonstrating their flagship MSS and ISS offerings configured for GIS and defense applications at the show. The MSS and ISS series of storage solutions are powered by Cutting Edge's 3rd generation field proven EdgeWare(TM), a fully integrated 64-bit storage operating system that provides a storage centric, easy-to-use and easy-to-support, heterogeneous network file system. EdgeWare offers complete NAS and iSCSI functionality and same time use in a unified storage solution, coupled with best-in-class performance, versatility and security for SAN, LAN and WAN applications. EdgeWare's rich feature set includes built-in remote replication for disk-to-disk/-to-tape/-to-USB backup, mirroring, multiple snapshot capability, iSCSI target, IP failover, web-based management, RAID 6 support and built-in security features that make it a strong alternative to expensive Fibre Channel connectivity, with comparable features and performance. EdgeWare affords almost limitless volume sizes, extremely high performance using recent advances in 2, 4 and 8 core CPUs, increased data reliability, greater security and increased scalability. ISCSI target efficiency is also improved by supporting multiple iSCSI initiators on different volumes, without sacrificing NAS, CIFS and NFS performance.

Built for mission critical applications like RAID protected centralized multi-protocol storage, remote replication, remote mirroring and data repositories, ISS greatly speeds large data file access and integrates networking and file system operations into a single unit, decreasing the burden of storage consolidation and file sharing in heterogeneous networks. The ISS series are available in form factors from 1U to 12 U and can store up to 72 TB. ISS also makes available the option of mixing and matching low-cost SATA drives and high performance SAS drives to achieve the perfect balance between performance, capacity and cost. Designed for the utmost protection, ISS servers offer RAID 0, 1, 5, 6 and 50 modes, dual redundant power supplies, hot spare and hot swap features while employing exceptional system monitoring and alerts to allow the user to react promptly. For added data protection, ISS servers can be mirrored, enabling failover switching between units in the event of unit failure.

The MSS series are an unbeatable combination of scalable performance, capacity expansion, data security, flexibility and price performance for critical data applications like GIS image processing requiring highly available, expandable NAS or IP SAN solutions. The MSS can deliver performance equivalent to 43 GbE and is available in 1U, 2U and 3U form factors, delivering up to 72 TB (using SAS drives), 240 TB (using SATA drives) or up to 1 Petabyte using a Fibre Channel switch. RAID levels 0, 1, 5, 5, 6, 50 and JBOD enable the user to customize storage arrays according to their unique requirements. Combining the redundancy and hot swap capabilities of the ISS, MSS also provides the utmost in high availability and data security with fully fault tolerant operation using active-passive IP failover with no single point of failure. The server may be configured in dual host and dual RAID configurations to provide failover protection and additional redundancy, further enhancing the protection of mission critical data in GIS applications.

Onix Networking is a member of the Google Enterprise Professional Program and holds the GSA contract for Google products, including Google Search Appliance, Google Earth Fusion Server, Google Earth Server and Google Earth Enterprise Client. Google Earth's server solutions make it easy for non-specialist users to interact with massive quantities of satellite imagery and GIS data for timely analysis and processing.

GIS exploration and research is one of the most compute and data intensive businesses on the planet. Advancements in data gathering technologies, analysis algorithms, 2D, 3D and 4D geological and geospatial modeling have resulted in a proliferation of data, with raw data sets upwards of several terabytes. Accessing and managing historical data archives adds additional time and expense in this global competitive environment where time is money. "Cutting Edge's storage solutions provide an extremely high performance and massively scalable storage platform to consolidate GIS applications and data, affording continuous and

timely information access, exploration and publication to concurrent users," said Tim Needles, President/CEO of Onix Networking.

"The ever-increasing market acceptance of our storage technology for such prestigious applications like Google Earth validates our decade long commitment to providing the best-in-class scalable storage solution for compute intensive environments," added Michael Ehman, CEO of Cutting Edge Networked Storage. "By conquering the performance, availability, scalability and management challenges in deploying cluster NAS architectures and deep archive storage, the MSS can scale as fast and large as needed while providing consistent, predictable data delivery to real-life GIS applications. We will continue to drive innovation while further establishing our technological leadership by working closely with partners like Onix Networking to develop enabling solutions to better serve our customers in the GIS community."

About Cutting Edge

Cutting Edge Networked Storage is an industry leader in providing customized high performance data protection, centralized storage management solutions and Linux development engineering to Fortune 500 companies, government entities and educational institutions. Cutting Edge has proudly supplied iSCSI, IP SAN, Network Attached Storage (NAS) and Direct Attached Storage (DAS) products to the U.S. Government and Enterprise customers since 1992, developing flexible, easily upgraded, fault tolerant and fully redundant storage solutions at costs far below those of Fibre Channel based systems. Cutting Edge also offers a line of custom configured mobile data acquisition and recovery (m-DAR) products -- designed to provide transportable, impact resistant, extreme environment, storage and networking systems. More information on Cutting Edge may be found at http://www.cuttedge.com.

About Onix Networking Corporation

Onix Networking is a leading provider of world-class IT solutions servicing a broad range of federal and state & local government and enterprise customers. Onix specializes in technologies and services that help optimize IT infrastructure for secure, manageable and reliable data and partners with IT industry leaders to offer these core competencies: Network Security, Enterprise Search, Secure Wireless Solutions, Enterprise IP Networking, VoIP (IP Communications), GIS (Geographic Information Systems) and Professional Services. Onix combines product offerings with expertise in the design and implementation of end-to-end comprehensive IT solutions. More information on Onix Networking may be found at http://www.onixnet.com.

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