SNW Spring 2011 Exhibitor Highlights

<u>Anobit</u>
Booth 117
Enabled by Anobit's patented Memory Signal Processing (MSP) technology, Genesis solid-state drives deliver dramatically lower cost as the first ever MLC NAND-based SSDs to provide the enterprise-grade endurance and performance otherwise achievable only by SLC NAND-based SSDs. (www.anobit.com)

<u>Atto Technology Inc</u>.
Booth A5
ATTO Technology, Inc., a global leader of storage connectivity and infrastructure solutions for over 20 years, provides solutions to help customers store, manage and deliver data. ATTO is the leading manufacturer of host and RAID adapters, converged network adapters, bridges, switches, RAID storage controllers, and management software.

ExpressSAS 6Gb/S SAS/SATA HBAs
ExpressSAS Host Adapters leverage the performance and scalability enhancements of Serial Attached SCSI (SAS) technology to deliver the fastest available connection to SAS/SATA storage. They boast an impressive 1200MB/s per port performance – there's no other SAS HBA like it.

Celerity 8Gb/sFibre Channel HBAs
Celerity 8Gb/sFibre Channel host bus adapters incorporate industry-standard components into a unique architecture to deliver a robust and scalable connectivity solution. With latency-management features including Advanced Data Streaming (ADS™) Technology, Celerity 8Gb/s HBAs provide faster and more efficient data transfers.

FibreConnect™ 8Gb Fibre Channel Switches
The FibreConnect™ line of switches combine high-performance connectivity with exclusive latency management features allows for smooth and reliable data transfer on the SAN. Innovative hardware and software features make it easy to manage and deploy FibreConnect products in a wide range of video and IT environments.

iSCSI and Fibre Channel Bridges
The ATTO iPBridge™ iSCSI-to-Fibre Channel and iSCSI-to-SCSI bridge product family offers affordable solutions to connect their storage over an Ethernet network or to interconnect IP and Fibre Channel Storage Area Networks (SANs). The iPBridge makes the process of developing a SAN easier through the use of familiar Ethernet technology.

FastStream^{TM} RAID Storage Controllers
ATTO's FastStream™ Storage Controllers are engineered for real-time applications which require managed latency for high-performance collaborative workflows. FastStream provides critical storage needs including: enhancing system performance, allowing shared storage, providing data protection and providing scalability for future growth.

FastFrame^{TM} 10Gb/s Ethernet Network Interface Card

FastFrame™ 10Gb/s Ethernet Network Interface Card leading Ethernet technology and ATTO's 23-year expertise in high-bandwidth data transfer, the FastFrame NIC is the only card of its kind on the market offered in Quad, Dual and Single port options for PCIe 2.0x8 data interconnects.

FastFrame™ 10Gb/s FCoE Converged Network Adapter
ATTO's FastFrame CNAs combine Intel's technology to offer the highest I/O throughput in the industry, as well as the only Quad port card in the market, resulting in the best-in-class convergence solution available.

Power Center Software
ATTO's acceleration software used with ATTO host adapters provides the highest performance from attached SCSI, SAS, SATA and Fibre Channel storage. An easy-to-use wizard-style interface makes configuring and optimizing storage simple. Power Center software is available on both Windows® and Mac® platforms and is ideal for digital video/audio applications.

Xtend SAN Software
Xtend SAN iSCSI Initiator for Mac® software makes Direct Attached Storage available to multiple servers across long distances using Ethernet technology built into workstations. Xtend SAN lets users take advantage of networked storage while avoiding the cost and complexity of a Fibre Channel SAN.

Cables and Accessories
Poor quality cables, terminators or other accessories can cause data integrity and performance problems. ATTO's engineering team rigorously tests and qualifies our cables to ensure we offer only premium-quality, professional-grade cables and accessories.

Cavium Networks
Booth 515
Cavium Networks OCTEON®, NITROX® and ECONA™ solutions deliver outstanding value in storage data processing by combining industry's highest performance multi-core processors along with hyper fast multiple memory controllers, large on chip memory, acceleration and offload engines for LZS Compression, De-duplication, RAID, Indexing, Cryptography and CRC calculations.

Chelsio
Booth A8
Chelsio is giving a demonstration of its Unified Storage Server software solution at SNW Spring. The USS 2.0 features 10Gb Ethernet RDMA-based file systems connectivity for efficient, high-performance and cost-effective storage solutions. USS is a highly functional, cost-effective software solution providing multi-protocol NAS and SAN capabilities for resellers and OEMs.

Chelsio is showing its new T4 Unified Wire 10Gb Ethernet adapters. The T4 cards are the industry's first Ethernet converged network adapters capable of simultaneously offloading all the major networking and storage protocols (TCP, UDP, iWARP, iSCSI, and FCoE) with Single Root IO Virtualization (SR-IOV).

Dataram
Both 207
Dataram will demonstrate the new XcelaSAN Model 100 in Booth #207. The latest XcelaSAN model provides high availability for mission-critical applications and is the quickest, most cost-effective way to dramatically boost performance of high I/O applications in midrange Fibre Channel SANs. XcelaSAN is a unique SAN acceleration appliance that dynamically improves I/O performance up to 30 times with block-level read and write caching.

Fujitsu Booth
Booth 307
CS800
The Fujitsu ETERNUS CS800 is a pre-configured Deduplication Appliance that provides a simple and affordable solution - following a tape replacement strategy - for midrange customers. ETERNUS CS800 provides disk-to-disk backup and restore performance with all leading backup applications using a NAS interface. For more information, please visit: http://solutions.us.fujitsu.com/

UDS Gateway

The Fujitsu UDS Gateway features clustered controllers that scale from 2 to a maximum of 16 clustered nodes with support for up to 2PB of capacity - delivering scalable file services for all ETERNUS DX, or older, storage systems. For more information, please visit: http://solutions.us.fujitsu.com/

ETERNUS DX
From the environmentally friendly ETERNUS DX60 entry-level storage system to the best-in-class ETERNUS DX8700, the Fujitsu Family of ETERNUS storage systems provides the agility and flexibility to meet users' most demanding enterprise storage challenges. For more information, please visit: http://solutions.us.fujitsu.com/

Fusion-io
Booth 317
ioDrive:
The ioDrive delivers superior performance for demanding enterprise applications. Using groundbreaking ioMemory technology from Fusion-io, it dramatically increases bandwidth and application performance, reduces latency, and simplifies IT infrastructure, all while slashing capital and operating costs. Cards are available in capacities from 160GB - 640GB of enterprise-grade, solid-state Flash.

ioDrive Duo:
Using groundbreaking ioMemory technology from Fusion-io, the ioDrive Duo maximizes the performance density available on a single device. Combine multiple cards to easily achieve gigabytes of bandwidth and hundreds of thousands of IOPS from a single server. Cards come in capacities from 320GB - 1.28TB of enterprise solid-state Flash.

ioDrive Octal:
The ultimate ioMemory solution, the ioDrive Octal packs 6GB/s of bandwidth and 5.12TB of capacity into a single PCI Express device. The ioDrive Octal enables organizations to tackle previously unattainable workload challenges with a single server, eliminating the latency impact of accessing backing data stores.

ioSphere:
ioSphere from Fusion-io is the world's first enterprise flash platform. Just as Fusion's ioMemory paved the way for NAND flash solid-state device design, ioSphere is paving the way for the software that supports it, getting the Enterprise the most from its ioMemory.

direc tCache:
directCache™, a fully integrated Fusion-io caching system, was created so ioMemory users could cache their most frequently accessed data onto local ioDrives for maximum perforamce. directCache makes it possible for our customers to achieve SAN-like capacity with ioDrive-like speed.

VSL:
Our VSL virtualization software integrates with a server's operating system and provides native access to data stored on ioMemory, bypassing legacy storage input / output interfaces. This

allows servers to achieve significantly increased application performance and data processing with low latency access and high bandwidth throughput from the ioMemory hardware.

Exar Corporation
Booth 415
Exar Express DX 1845
Exar will demonstrate, in booth 415, its recently announced Express DX 1845 a high-performance, data reduction and security card.   The demonstration will show the performance and power benefits of offloading Compression, Encryption and Authentication in hardware. The unique, single-pass, architecture allows simultaneous encryption, hashing, and compression of data in either packet or block form.

Exar BitWackr 2.2
Exar will also demonstrate the next-generation BitWackr solution for Windows and Linux. BitWackr 2.2 offers multiple volume support, a 50% increase in I/O performance for primary storage applications and integrated RSA key manager enabling secure storage applications. BitWackr is a developmental shortcut to the incorporation of advanced data reduction into primary and nearline storage products.

HP StorageWorks
Booth 201
HP StorageWorks offers storage solutions that broker successful customer transformation to private and public cloud computing with unmatched simplicity, agility, and efficiency. Our disk storage systems, network attached storage, virtualized and traditional tape solutions, storage blades, software, and networking solutions are the foundational storage for HP Converged Infrastructure Solutions.

Huawei Symantec
Booth 315
Huawei Symantec's Oceanspace T-Series, highly scalable storage systems for midsize to enterprise customers, consists of four mid-range storage area network (SAN) solutions - the Oceanspace S5500T, Oceanspace S5600T, Oceanspace S5800T and Oceanspace S6800T. This series consolidates and manages up to 3PB of data at an affordable price point.

Imation
Booth 214
Imation's RDX® removable hard disk storage portfolio provides small-and mid-sized businesses (SMBs) with easy and reliable backup, data security and expandable storage. Users gain complete data protection and system flexibility, all with a lower total cost of ownership compared to entry-level tape-based systems.

ioDrive
Booth 406
ioDrive family of products from Fusion-io
The ioDrive product lines from Fusion-io deliver PCIe standard form-factor storage memory platforms that combine one or more ioMemory modules with Fusion's VSL software. ioDrives are classified based on capacity, latency, bandwidth and IOPS. Fusion's ioDrive technologies are available in capacities ranging from 160 GB to 5.1 TB: http://www.fusionio.com/products/

ioSphere from Fusion-io
Fusion's ioSphere is a management software suite for Fusion's storage memory infrastructure. ioSphere software is accessible through a graphical user interface that enables datacenter administrators to centrally configure, monitor, manage and tune distributed ioMemory devices. ioSphere also delivers real-time, predictive and historical reporting of ioMemory performance and wear: http://www.fusionio.com/products/iosphere

Kodak
Booth A4
KODAK Service and Support is made up of more than 3,000 professionals reaching more than 120 countries. It is a leading multi-vendor integrated services provider, delivering consulting, installation, maintenance and support services for the commercial printing, graphic communications, document imaging, data storage and retail industries. Kodak professionals are uniquely qualified to provide services that control costs, maximize productivity, and minimize business risk.

Panasas
Booth 212
Panasas® ActiveStor™ 12 (PAS 12) brings appliance-like plug-and-play simplicity to large scale storage deployments. It provides industry-leading performance and unrivaled performance per gigabyte for complex business-critical applications. The Panasas file system more than doubles i/o performance over any available product, going from 600MB/s to a stunning 1.5GB/s per chassis.

QLogic
Booth 514
QLogic a global leader and technology innovator in high performance networking,
The company will be showcasing its breadth of storage networking products including adapters, switches and ASICs. The following are a sample of products QLogic will be displaying in Booth 514:

NEW – QLogic 8200 Series 10GbE Converged Network Adapter
Industry's first third generation CNA (3GCNA) that runs FCoE, iSCSI and Ethernet CONCURRENTLY.

NEW – QLogic 3200 Series 10GbE Intelligent Ethernet Adapters
Industry leading networking performance
- SR-IOV for faster networking performance in virtualized environments
- QLogic's NIC Partitioning (NPAR) that works with any 10Gb Ethernet Switch

QLE2564 Quad Port 8Gb FC HBA - The industries ONLY Quad Port

Rackspace
Booth 412
Rackspace® Hosting is the world's leading specialist in the hosting and cloud computing industry, and the founder of OpenStack™, an open source cloud platform. The San Antonio-based company provides Fanatical Support® to its customers, across a portfolio of IT services, including Managed Hosting and Cloud Computing. For more information, visit www.rackspace.com.

Scality
Booth 217
Scality is the developer of RING, a software platform enabling cloud storage to easily scale up to exabytes using commodity server hardware. Scality delivers the performance and reliability of a SAN-based architecture without the hassles of volume management at one third to half of the cost.

Sepaton
Booth 316
To enable large enterprises to accommodate explosive data growth, changing storage architectures and emerging data protection trends, SEPATON delivers the most powerful and extensible data protection platform in the industry. The SEPATON V6 platform delivers grid scalability of both performance and capacity; the industry's fastest performance; multi-protocol support; and industry-leading deduplication.

Texas Memory Systems
Booth 312
RamSan-630
RamSan-630 is the densest high-performance SLC NAND Flash-based enterprise storage available, ideal for HPC, data warehousing, batch processing etc. One RamSan-630 10TB 3U rack-mounted system delivers 1M IOPS and can replace an entire rack of high-end HDD for superior performance, bandwidth, space, energy efficiency. Available with Fibre Channel and InfiniBand.

*RamSan-20*RamSan-20 is a complete, high performance Flash system on a PCI card. It is the number 1 PCI SSD in sustained performance, reliability, and density. It is optimized for applications requiring extraordinarily low latencies, large, fast buffers, and random access, such as those run on scientific workstations or stand-alone servers.

Virident
Booth 516
The Virident tachIOn™ solid state storage solution provides sustained performance up to four times more than competitive products, delivering up to 300,000 IOPS with a 4 KB block size on mixed read-writes and a modular design with replaceable NAND flash modules. A Flash-aware RAID capability across modules provides enterprise-class reliability.

Virtual Instruments
Booth 208
Virtual Instruments VirtualWisdom® helps IT organizations realize the full economic benefits of storage and server virtualization by analyzing SAN I/O traffic data. It non-intrusively provides comprehensive instrumentation and real-time measurement capabilities of the SAN and virtualized infrastructure that reduce application response time, increase availability, and improve server and SAN utilization.

Zenith Infotech
Booth 612
Zenith Infotech is paving the way for IT service providers to capitalize on cloud computing. SmartStyle is a turnkey solution delivering the power of virtualization with cloud-based storage and business continuity. SmartStyle -- the perfect migration path to the cloud starting with business continuity; evolving into a complete IT environment.

Zetta
Emerging Technology Pavilion
Zetta announces ZettaMirror™ 2.0, an agent software upgrade providing up to ten times the performance (data transfers) and enhanced controls for its cloud storage solution. ZettaMirror is part of the Zetta Data Protect™ Solution. Also, The Aura Group, a Zetta user, is one of the award finalists at SNW.

Zetta Data Protect immediately replicates and protects data offsite with excellent data integrity, enterprise-grade data security and performance-critical SLAs. Restores are instantaneous with direct file-level access to your data at all times. Zetta Data Protect is provisioned in minutes, and data can be protected offsite in hours.