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IBM Disk – Everybody continues to need more storage. While the overall IT spend in some other areas of the infrastructure seem to slow in times of a “soft” economy the explosion of data and the disk space to store it on just continues on and on...month to month.

IBM continues to play a pivotal role in the storage business and their product line reflects a broad base of offerings...from the entry level DS3500 to the DS5000...and then the exciting and revolutionary XIV product up to the new DS8700.

For a quick recap...here is what is revolutionary about each of these IBM solutions:

- ❖ DS3500
 - 6 GB/second SAS systems deliver midrange performance and scalability at entry-level prices
 - Energy saving implementations for cost savings coupled with overall data consolidation
 - Data security with local management of full disk encryption
 - Mixed host interfaces support enables DAS and SAN Tiering reducing overall operation and acquisition costs
- ❖ DS5000
 - Offers up to 700,000 IOPs and 6400 MB/second - balanced performance well-suited for virtualization/consolidation.
 - Scalable up to 448 drives.
 - Support for intermixing drive types - FC, FDE, SATA and SSD - and host interfaces - FC and iSCSI - for investment protection and cost-effective tiered storage.
 - Designed to support high availability with key hot-swappable components and many non-disruptive firmware upgrades.
 - Management software allows central management that maximizes utilization and lowers cost.
- ❖ XIV
 - A revolutionary, high-end, disk storage system with a virtualized grid architecture designed to eliminate the complexity of storage administration.
 - Enterprise-level, consistent performance through massive parallelism, disk utilization and unique caching mechanisms.
 - Rich function set standard with the system software includes snapshots, thin provisioning, data migration, asynchronous and synchronous mirroring, and an intuitive management console.
 - Transparent, no-impact scalability, in on-demand increments, without the need for manual data migration or performance tuning, providing automatic online capacity growth.
 - High reliability and data availability via active N+1 redundancy of all key components, partition mirroring, unique self-healing, rapid rebuild times, and non-disruptive upgrades.
- ❖ DS8700 – The follow on to the very stable, very reliable DS8100 and DS8300 family, the DS8700 encompasses the following upgrades and enhancements:
 - Provides new functional capabilities, allowing you to choose the combination of price and efficiency that is right for your application needs.
 - Offers either a dual 2-way processor complex or a dual 4-way processor complex.

- To improve IOPS (IO Operations Per Second) and sequential read/write throughput, the new IO Enclosures are directly connected to the servers via point-to-point PCI-e cables.
- Device adapter processor hardware upgrade to processor resources for more IOPS performance to enable better utilization of SSD drives.
- Operating Environment License is usually priced based on the performance, capacity, speed, and other characteristics that provide value in customer environments.

Finally, it is important to note that IBM continues to provide one additional Value Add capability and that separates them from the pack. With IBM's "Banding and Certification" policy (that goes back many years now) users in any state, country or continent can have the local IBM CE "Band and Certify" any IBM component which in turn allow that user to sell and remarket that device anywhere in the world...with a guarantee that the "new" location will be able to have the device installed and unconditionally have that accepted for ongoing IBM maintenance support. This policy continues to ensure a robust "global" market for pre-owned/used IBM equipment.

In summary, there are some great bargains out there for pre-owned and banded IBM Storage products.

IBM POWER7 – IBM Power™ Systems Linux®, i, and UNIX® servers are setting new standards for performance, availability and efficiency. The IBM Power 780 and Power 595 use industry-leading POWER processor capabilities to provide a superior RISC server consolidation platform. The IBM Power 750 Express, IBM Power 770, IBM Power 520 Express, IBM Power 550 Express, and IBM Power 560 Express use the similar technology to provide outstanding single application and distributed application performance and are also consolidation platforms for smaller enterprises. The IBM BladeCenter® JS12 Express, JS22 Express, JS23 Express, and JS43 Express blade servers leverage those same capabilities in the industry-leading BladeCenter chassis. With jaw-dropping performance – of up to two to three times that of HP servers and Sun servers – and higher energy efficiency than RISC competitors, it's no wonder that the industry is buzzing about IBM Power servers. Built on smart consolidation, virtualization and distributed platform strategies, POWER technology makes it easy to allocate the power you need and to get it under control. Running UNIX, IBM i, operating system and Linux workloads, Power Systems perform. Please contact your ComSource client rep today to learn how IBM Power Systems can power your business forward.

Compellent - Earlier this year Compellent introduced its newest storage solution to the public. They've created a revolutionary enterprise storage solution that automates the movement and management of data throughout its lifecycle. You can constantly adapt to changing business conditions with FLUID DATA. Other storage systems treat data as a static thing...they are missing the essential truth, and that is that data isn't something to be "stored," it's something to be active, to be intelligently managed.

Fluid data is enabled by dynamic architecture that actively manages data at a more granular level:

- Breakthrough efficiency
- Intelligent storage automation that cuts cost
- Single platform scalability
- Continuous data protection
- Real-Time Responsiveness
- Optimize performance and cost
- Leverage lower-cost disks for inactive data
- Stores snapshots on an inexpensive tier
- Cuts administration time in half
- Shrinks data center space & eliminate wasted storage capacity

SEPATON- On April 21st SEPATON, Inc., the leader in enterprise-class disk-based data protection solutions, announced it has entered into a global reseller relationship with Hitachi Data Systems. Under the terms of the strategic agreement, SEPATON has selected the Hitachi Adaptable Modular Storage 2100, the company's newest high-performance, modular midrange storage, as the storage foundation of the newest generation of the SEPATON family of data protection solutions the SEPATON S2100®-ES2 Series 1900 and 2900. The Hitachi Adaptable Modular Storage 2100 offering will be integrated with SEPATON's S2100-ES2, an enterprise-class, multifunction appliance that delivers intelligent data protection enabled by SEPATON's proprietary ContentAware™ technology. By capturing key information about the data being protected, this technology enables the S2100-ES2 to deliver more effective and efficient management throughout the data protection lifecycle of backup, restore, and long-term retention.

Like all SEPATON products, the S2100-ES2 is built on SEPATON's DeltaScale™ architecture for high performance, grid scalability, and global deduplication across all volumes. With it, SEPATON systems can scale from one to eight nodes of performance and physical usable capacity of a single appliance can scale from 12 TB to 1.6 PB.

SEPATON's new S2100-ES2 Series 1900 and 2900 leverages the Hitachi AMS 2100 for 99.999 percent data availability with no single point of failure, hot swappable major components, dual-battery backup for cache, and RAID-6 dual parity support for enhanced reliability. It features an integrated DeltaView™ central management suite, providing customers with the most sophisticated 24x7 pro-active platform monitoring, and advanced diagnostics and reporting capabilities integrated into a separate management node. Other new features of the S2100-ES2 Series 1900 and 2900 include the addition of high capacity 2 TB disk drives in the Series 2900 for increased storage density and usable capacity per shelf starts at 12 TB with 1 TB drives and 24 TB with 2 TB drives. SEPATON continues to be The Leader in High Performance, Truly Scalable, Virtual Tape Solutions.

Bus-Tech MDL-100S- Bus-Tech Mainframe Data Library 100S (MDL-100S) provides everything you need to deploy a virtual tape library into your existing mainframe environment. MDL-100S is a 2U (3.5 inches high) rack mount controller. Included in the controller are the channel interface(s) to connect to your mainframe's FICON or ESCON channels, Virtuent tape emulation software to emulate 3480, 3490, or 3590 tape drives, and internal storage used to house the virtual tape library. As the mainframe writes new tape volumes (VOLSERs) to one of the MDL-100S emulated drives, Virtuent software writes a file onto its internal RAID protected storage containing the tape volume's data. Each individual tape volume image is contained in a single file stored on the MDL-100S disk. The IBM mainframe operating system is unaware that the tape volume has been virtualized and written to disk: rather than written to a physical tape cartridge. Later, when the mainframe needs to retrieve the data, MDL-100S uses the tape volume serial number (VOLSER) to locate the correct file within the virtual tape library and presents the data back to the mainframe in the exact same format that it was written in. MDL-100S performs data compression on the data before writing it to disk as directed by the IDRC compression indicator passed to the tape drive by the mainframe with each block of data. In short, this Bus-Tech mainframe centric virtual tape solution is an inexpensive and "environmental friendly" (Small footprint, power and coolant) to greatly improve backup and restore times as well as get rid of tape drives, media and the operator intervention required for tape based backup solutions.

Leasing - ComSource is a large independent Information Technology leasing company with over 20 years in the business. This history is important when you think of the long term nature of a lease relationship. Year after year, ComSource in spite of sometimes volatile economic conditions, continues to add new customers and grow. We have the industrial strength size but tailored solutions to fit your needs-not a one size fits all company. Our independence allows you maximum flexibility insuring that if your technology standards change, you won't be artificially motivated to continue with the same technology that a captive lessor represents. Captive lessors are only there to drive new hardware solely for that manufacturer. We have no axe to grind over technology selections ensuring platform changes if desired are easily facilitated. ComSource can streamline the technology lifecycle process by being both the Supplier and Lessor. By performing both roles, ComSource eliminates a layer of the process. The effect is to place assets on lease more efficiently, eliminate delayed vendor payment and speed the delivery of the equipment. ComSource as a lessor and a reseller can supply certified refurbished components as well. Rather than add brand new upgrade components onto the lease why not add fully certified refurbished components where appropriate? This strategy is especially useful where upgrades are required just prior to the end of the initial lease term. In closing, ComSource has an excellent reputation with our customers and within our industry. Our approach is to develop long term relationships that provide ongoing value to our client. We are confident that we can be a valuable partner and add value to your acquisitions thru our lease offerings.

Cisco - This Cisco equipment is latest and greatest , fully tested and in excellent condition.

You can add this equipment to Smartnet contracts or ComSource would be happy to quote you Third party maintenance, this is a tremendous way to cut down on your smartnet cost's while still receiving the same Service Level Agreements as Cisco equipment on Smartnet.

Cisco OFF Lease Specials:

ComSource "Below Market" Discounted Prices*

(1) WS-C6509E w/ 1- SC6K-S7K8-8.3 2- SUP720-3B 2- MEM-C6K-CPTFL128M 2- S6M3AK9-12217SXB 4- WS-F6700-CFC 2- WS-X6724-SFP	\$3000 includes PS \$6,000 \$5300.00 ea
1- WS-C6509-E-FAN 2- WS-CAC-4000W-US 19-GLC-SX-MM 6- GLC-LH-SM	 \$20ea \$50ea
(1) Cisco 2821 w/ VWIC-2MFT-T1	\$950
(1) WS-X6148-GE-45AF (1)WS-X6148V-GE-TX (1) WS-X6708-10G-3C (4) WS-C4948-10GE (2) WS-C3750-48TS-S (1) WS-C3750G-48TS-S	\$2800.00 \$700.00 \$18000 \$5500ea \$1500.00ea \$4200.00
(1) Cisco 2811 w/ (1) VWIC-2MFT-T1	\$700.00
(1) Cisco ASA5510-BUN-K9	\$2500.00
(1) Cisco 2821-HSEC/K9 w/ (1) VWIC-2MFT-T1 Cisco2811-HSEC/K9 / (1) VWIC-2MFT-T1	\$1500.00 \$1000.00

*All pricing subject to availability.